

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006721.D
 Acq On : 05 Jul 2019 18:17
 Operator : HP/JU
 Sample : K3558-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-015-B229-062519

Quant Time: Jul 05 22:51:59 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	2591	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	10148	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6323	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	14795	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	14790	0.40	ng	-0.03
34) Perylene-d12	23.46	264	16593	0.40	ng	-0.05

System Monitoring Compounds

4) 2-Fluorophenol	5.23	112	1294	0.18	ng	0.00
5) Phenol-d6	6.81	99	1704	0.19	ng	-0.02
8) Nitrobenzene-d5	8.81	82	960	0.12	ng	0.01
11) 2-Methylnaphthalene-d10	11.98	152	3153	0.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.78	330	585	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	4429	0.18	ng	-0.02
25) Fluoranthene-d10	19.06	212	8546	0.20	ng	-0.02
29) Terphenyl-d14	19.66	244	6095	0.18	ng	-0.02

Target Compounds

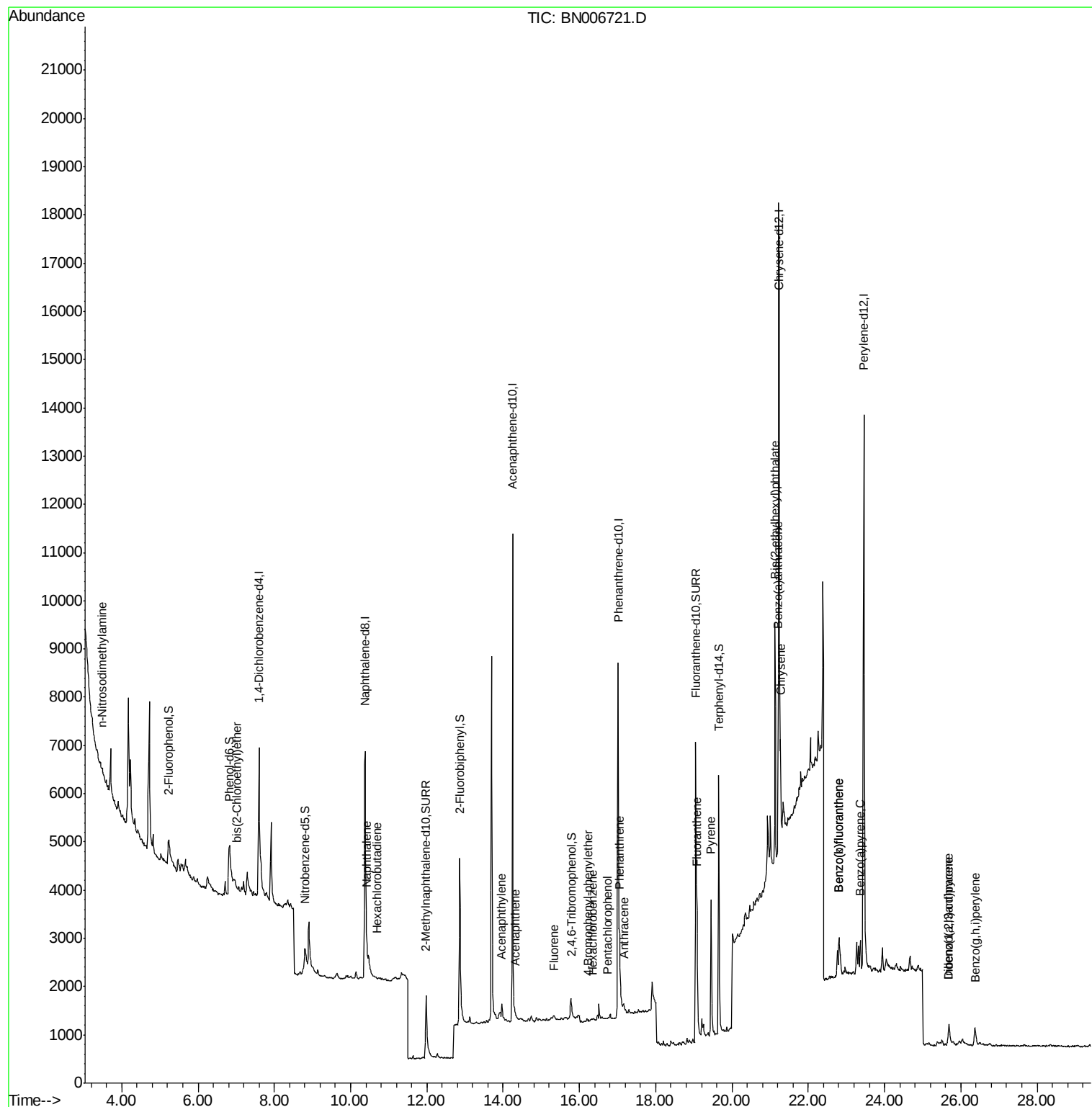
					Qvalue	
3) n-Nitrosodimethylamine	3.50	42	65	0.021 ng	#	1
6) bis(2-Chloroethyl)ether	7.02	93	38	0.005 ng	#	22
9) Naphthalene	10.42	128	99	0.004 ng	#	1
10) Hexachlorobutadiene	10.69	225	2	0.000 ng	#	83
12) 2-Methylnaphthalene	12.05	142	57	Below Cal	#	41
16) Acenaphthylene	13.96	152	556	0.018 ng	#	89
17) Acenaphthene	14.31	154	58	0.003 ng	#	87
18) Fluorene	15.32	166	118	0.005 ng	#	80
20) 4-Bromophenyl-phenylether	16.22	248	4	0.000 ng	#	36
21) Hexachlorobenzene	16.36	284	6	0.001 ng	#	43
22) Pentachlorophenol	16.73	266	8	0.116 ng	#	76
23) Phenanthrene	17.06	178	1766	0.041 ng	#	95
24) Anthracene	17.16	178	263	0.007 ng	#	90
26) Fluoranthene	19.09	202	2025	0.040 ng	#	63
28) Pyrene	19.45	202	2896	0.049 ng	#	97
30) Benzo(a)anthracene	21.22	228	1072	0.021 ng	#	74
31) Chrysene	21.27	228	1607	0.031 ng	#	80
32) Bis(2-ethylhexyl)phthalate	21.13	149	4398	0.029 ng		99
33) Indeno(1,2,3-cd)pyrene	25.69	276	721	0.011 ng		98
35) Benzo(b)fluoranthene	22.81	252	2036	0.038 ng	#	3
36) Benzo(k)fluoranthene	22.81	252	2036	0.035 ng	#	2
37) Benzo(a)pyrene	23.36	252	949	0.018 ng	#	1
38) Dibenzo(a,h)anthracene	25.68	278	219	0.004 ng	#	1
39) Benzo(g,h,i)perylene	26.37	276	855	0.016 ng	#	36

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

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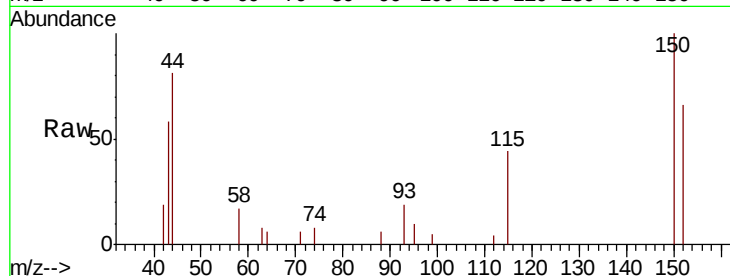


#1

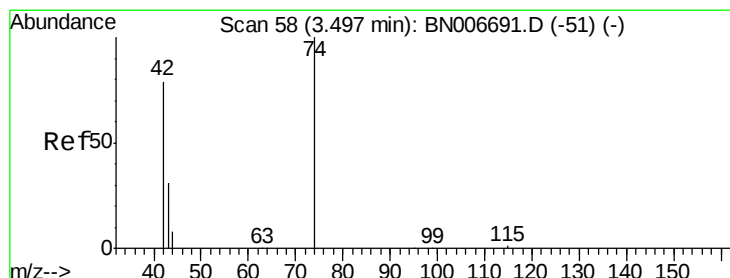
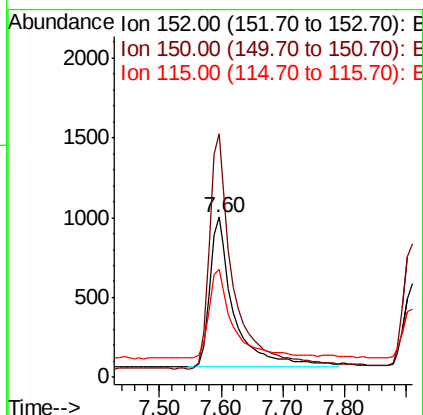
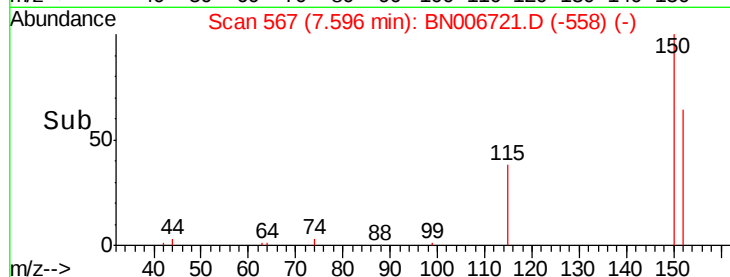
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

Tgt Ion: 152 Resp: 2591
Ion Ratio Lower Upper
152 100
150 152.0 120.6 181.0
115 67.3 51.0 76.6



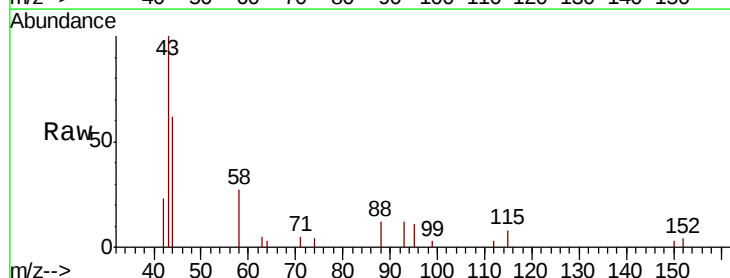
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



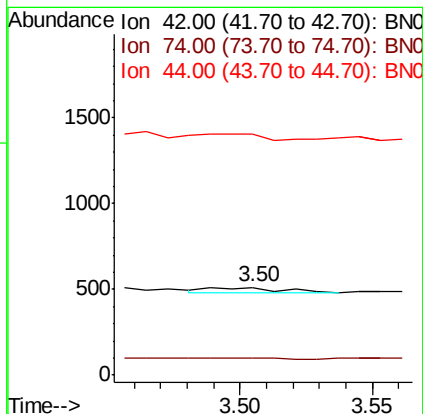
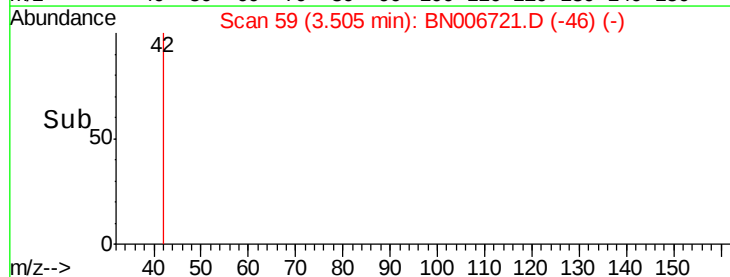
#3

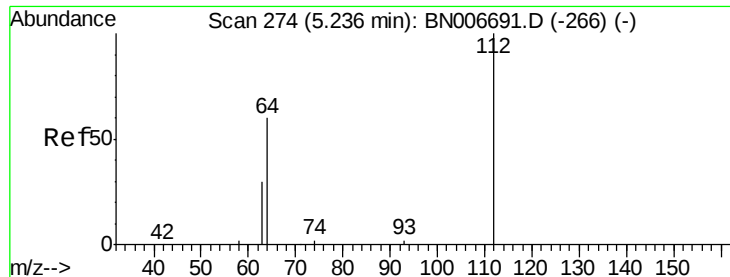
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.50 min Scan# 59
Delta R.T. 0.01 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion: 42 Resp: 65
Ion Ratio Lower Upper
42 100
74 0.0 106.6 160.0#
44 56.9 8.0 12.0#



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





#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.23 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

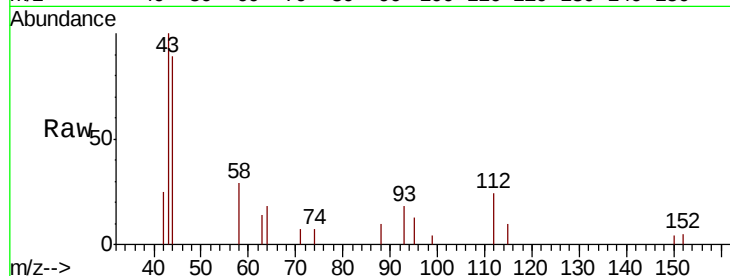
Tgt Ion: 112 Resp: 1294

Ion Ratio Lower Upper

112 100

64 64.8 49.8 74.6

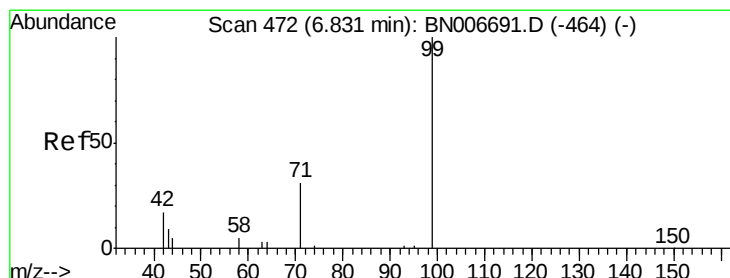
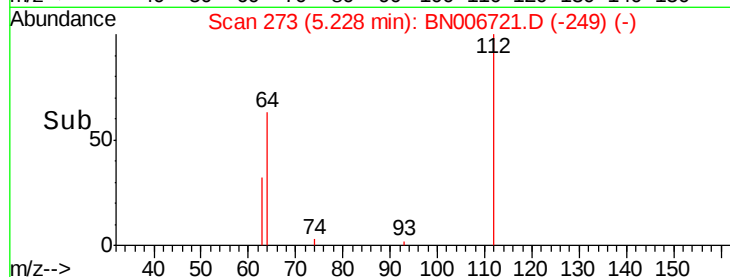
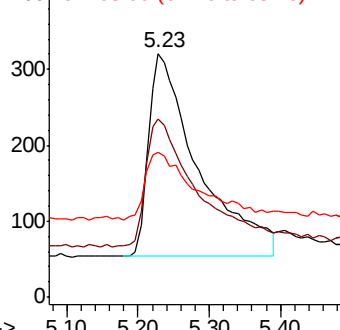
63 35.8 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.191 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

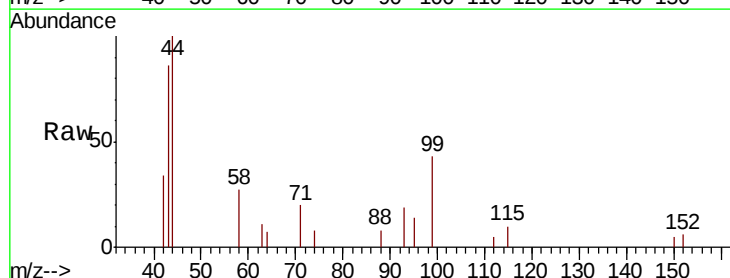
Tgt Ion: 99 Resp: 1704

Ion Ratio Lower Upper

99 100

42 27.7 16.6 25.0#

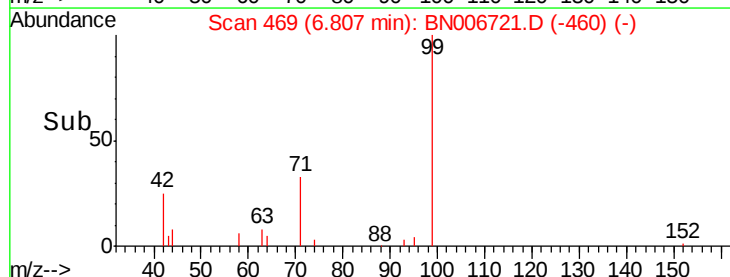
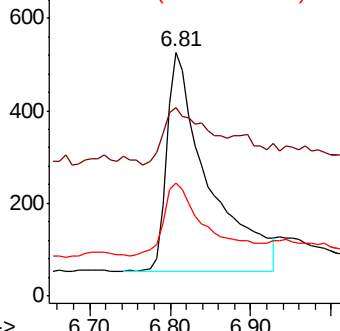
71 34.0 26.0 39.0

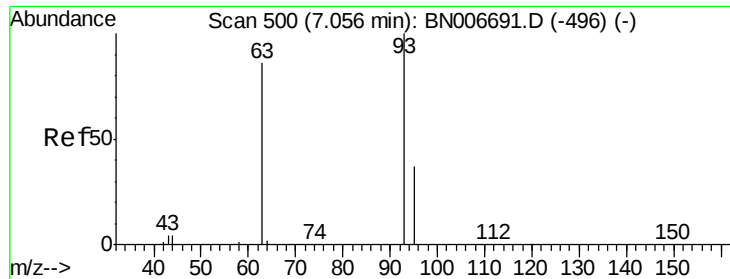


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.02 min Scan# 495

Delta R.T. -0.04 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

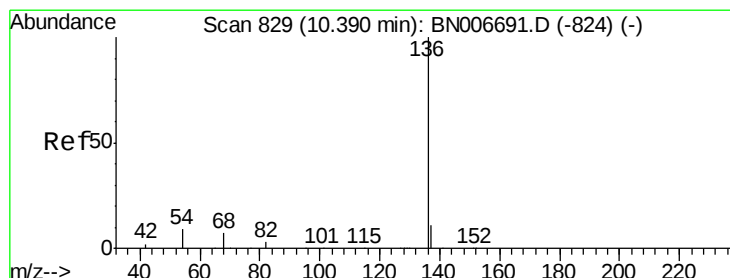
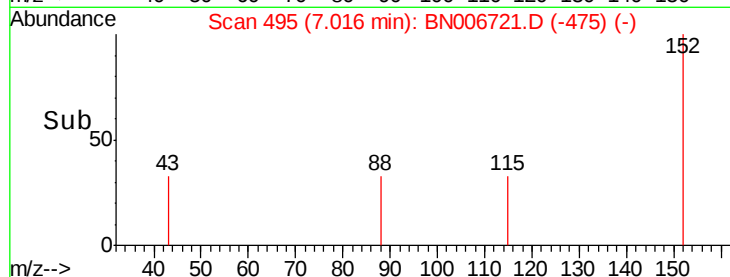
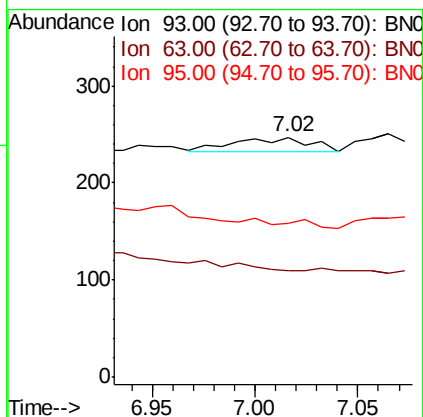
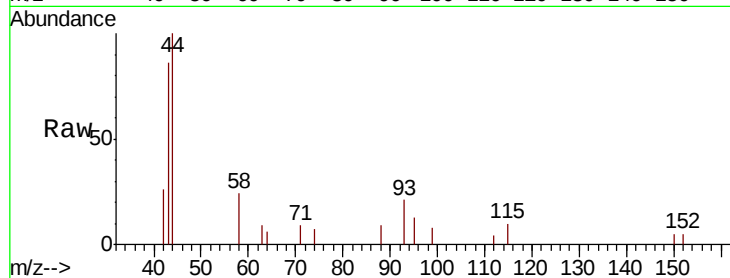
Tgt Ion: 93 Resp: 38

Ion Ratio Lower Upper

93 100

63 0.0 58.6 87.8#

95 0.0 28.3 42.5#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Tgt Ion: 136 Resp: 10148

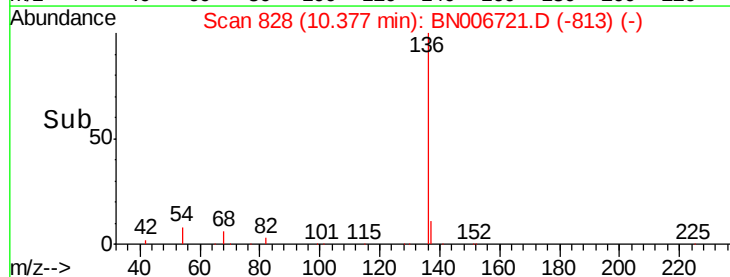
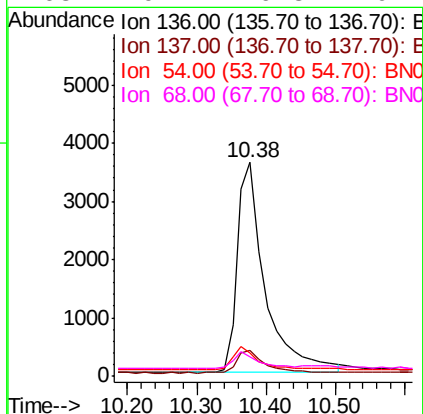
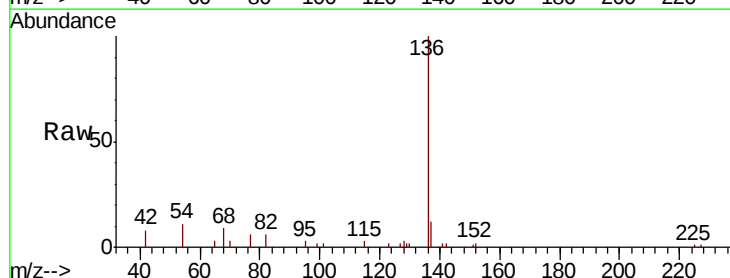
Ion Ratio Lower Upper

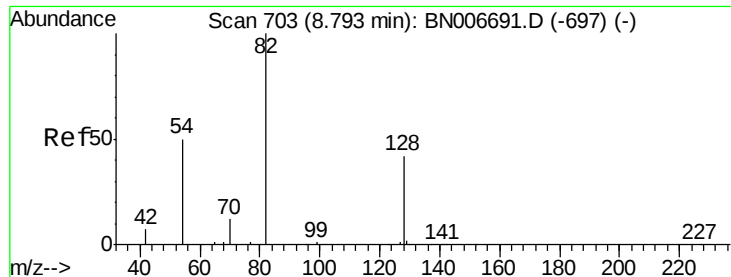
136 100

137 12.3 9.3 13.9

54 10.9 8.4 12.6

68 9.2 6.8 10.2





#8

Nitrobenzene-d5

Concen: 0.123 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

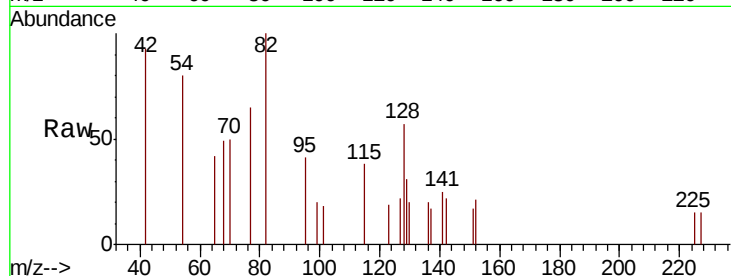
Tgt Ion: 82 Resp: 960

Ion Ratio Lower Upper

82 100

128 57.1 36.1 54.1#

54 80.0 44.5 66.7#

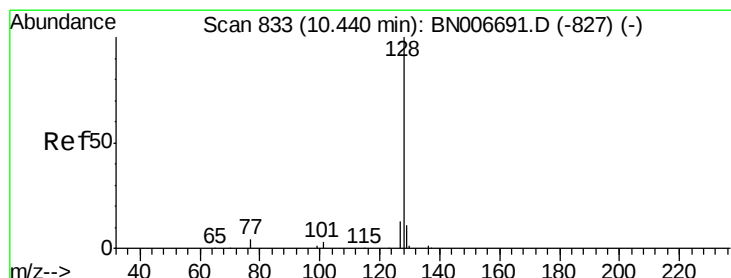
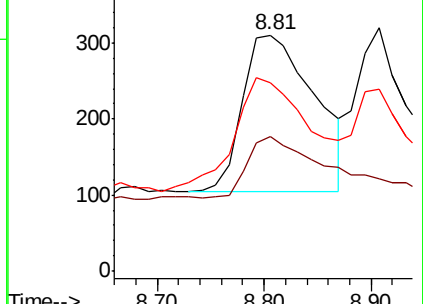
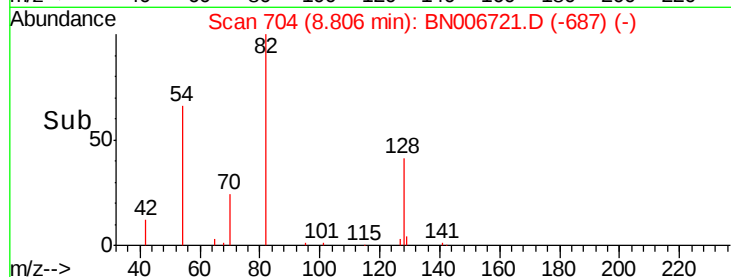


Abundance Ion 82.00 (81.70 to 82.70): BN006691.D (-697) (-)

Ion 128.00 (127.70 to 128.70): BN006691.D (-697) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-697) (-)

Time-->



#9

Naphthalene

Concen: 0.004 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

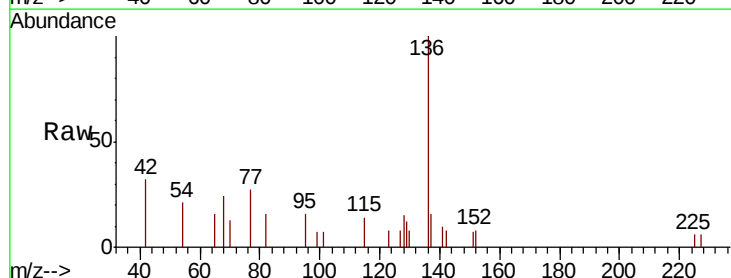
Tgt Ion: 128 Resp: 99

Ion Ratio Lower Upper

128 100

129 75.4 9.6 14.4#

127 55.1 11.0 16.4#

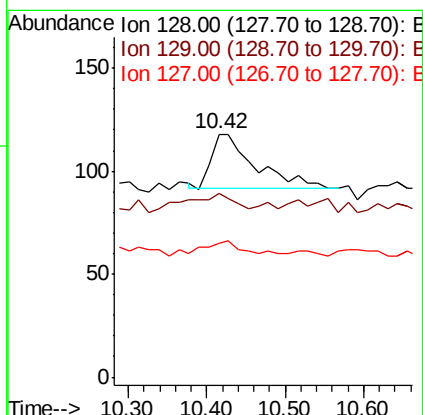
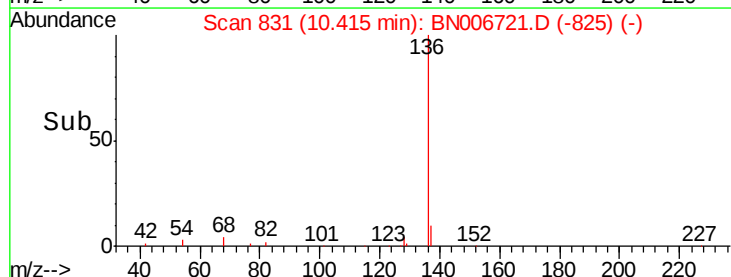


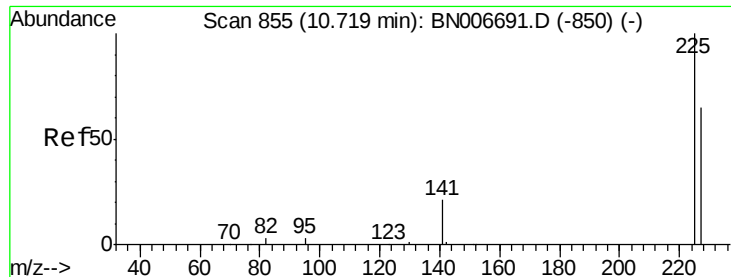
Abundance Ion 128.00 (127.70 to 128.70): BN006691.D (-827) (-)

Ion 129.00 (128.70 to 129.70): BN006691.D (-827) (-)

Ion 127.00 (126.70 to 127.70): BN006691.D (-827) (-)

Time-->

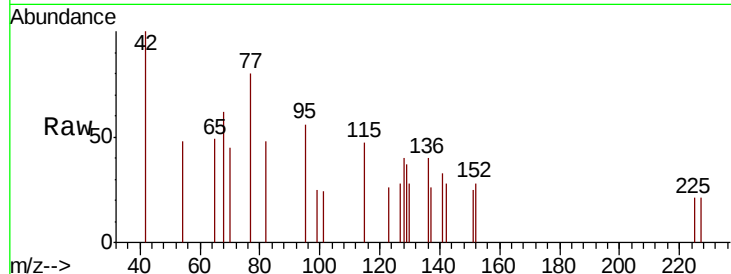




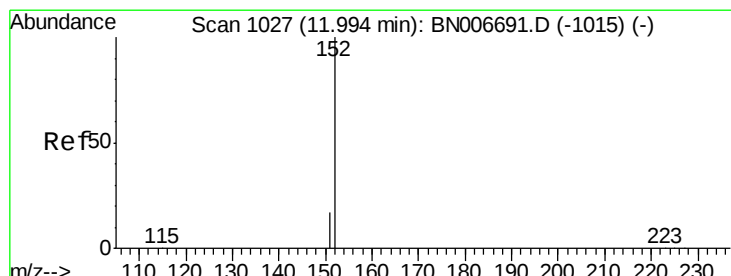
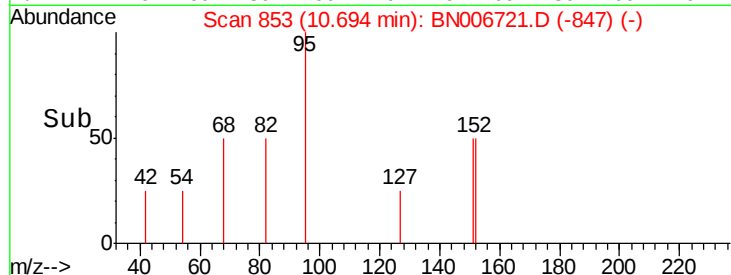
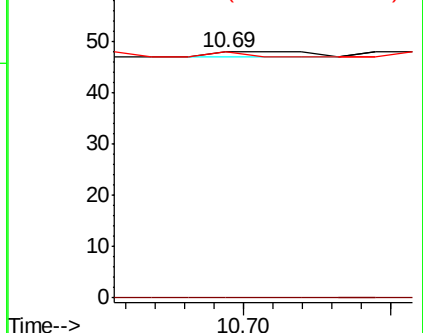
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.69 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Instrument :
BNA_N
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PST-015-B229-062519

Tgt Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 50.0 50.9 76.3#

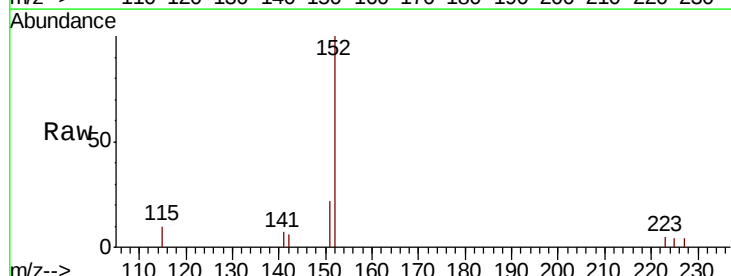


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

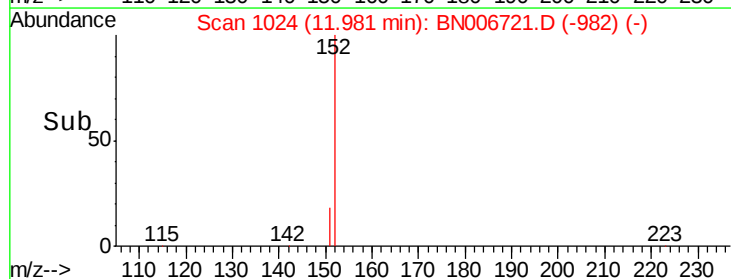
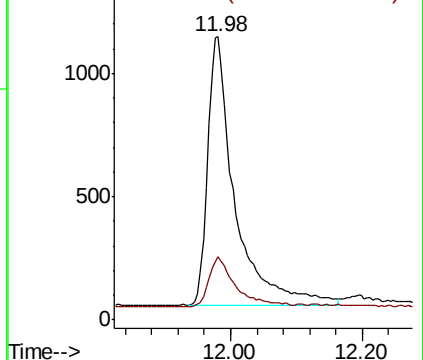


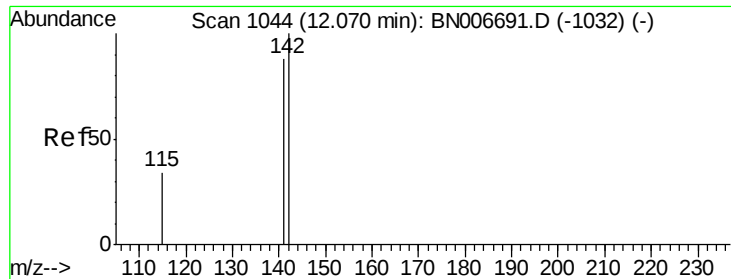
#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 11.98 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion: 152 Resp: 3153
Ion Ratio Lower Upper
152 100
151 18.4 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: Below Cal

RT: 12.05 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

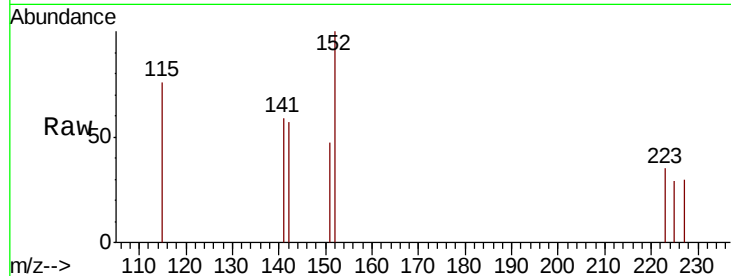
Tgt Ion:142 Resp: 57

Ion Ratio Lower Upper

142 100

141 103.3 70.3 105.5

115 132.2 28.9 43.3#

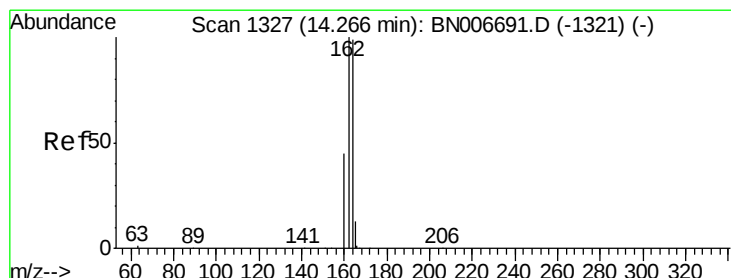
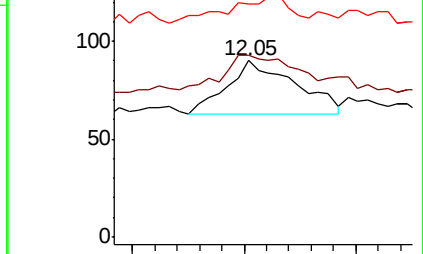
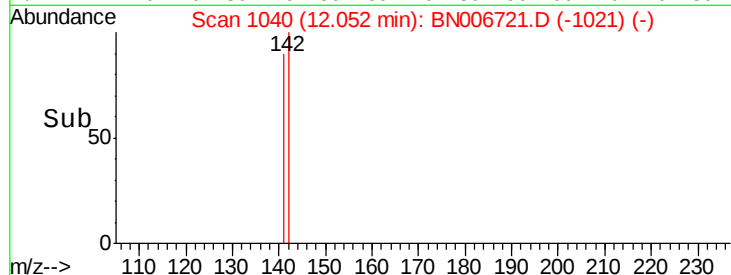


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.05



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

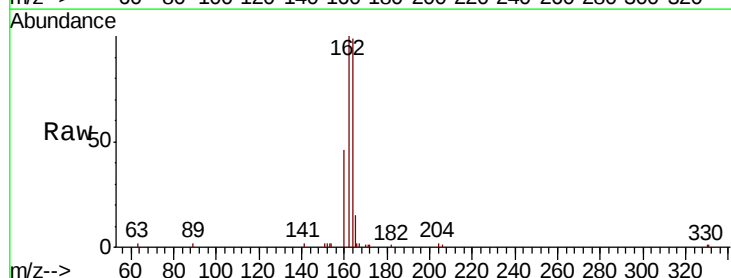
Tgt Ion:164 Resp: 6323

Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

160 46.6 37.0 55.6

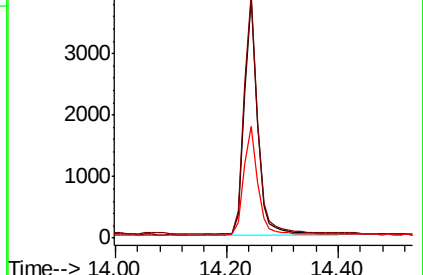
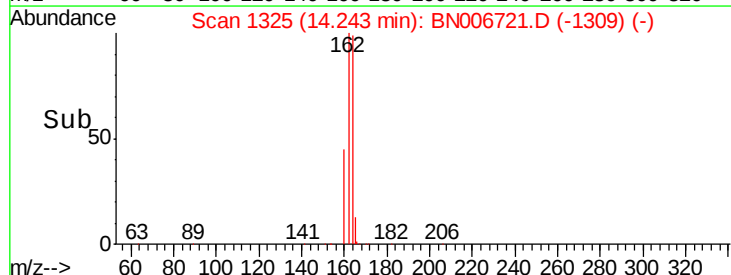


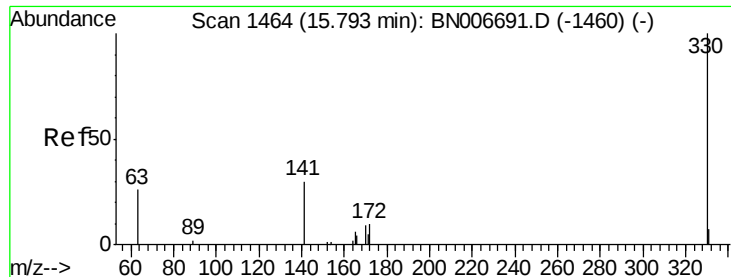
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.24

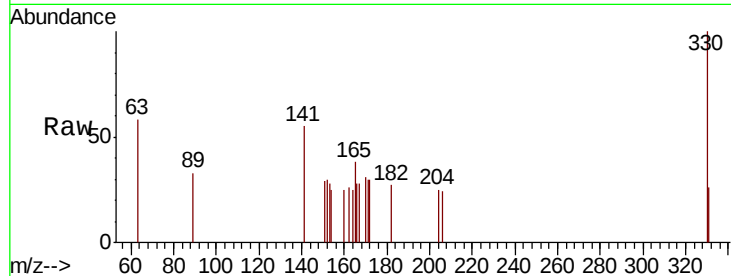




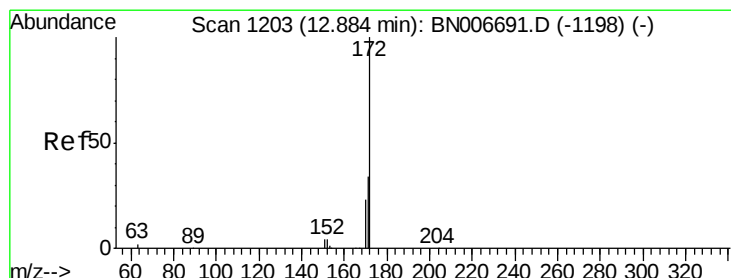
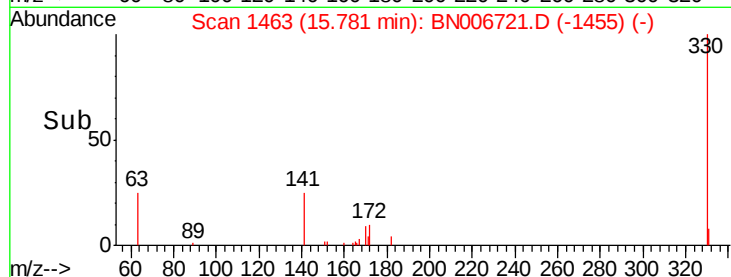
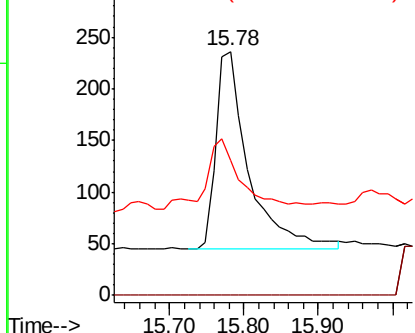
#14
 2,4,6-Tribromophenol
 Concen: 0.188 ng
 RT: 15.78 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BN006721.D
 Acq: 05 Jul 2019 18:17

Instrument :
 BNA_N
 ClientSampleId :
 PST-015-B229-062519

Tgt Ion:330 Resp: 585
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.5 24.8 37.2#

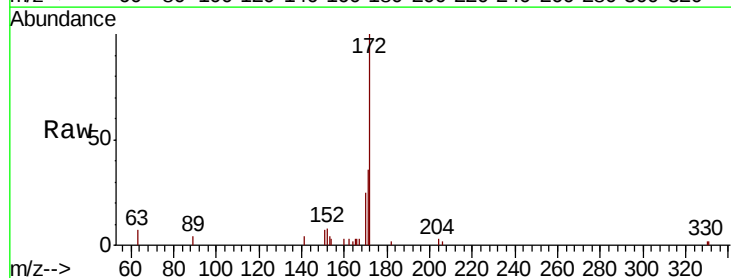


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

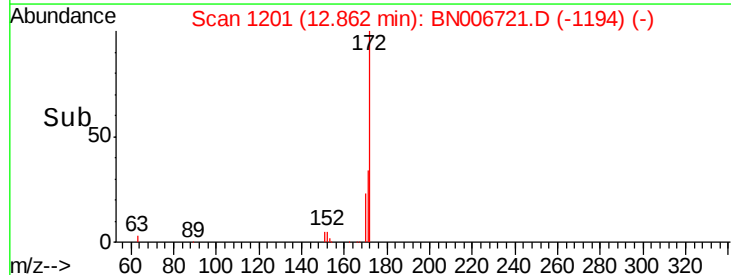
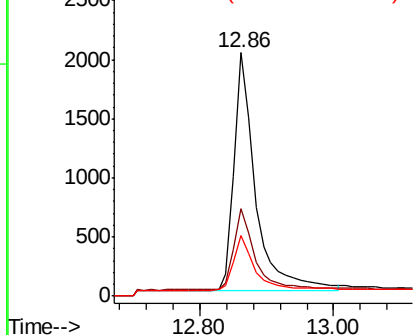


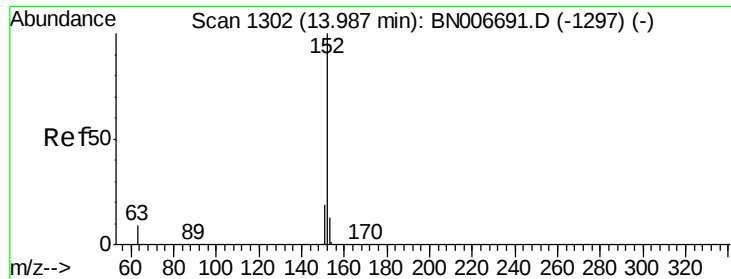
#15
 2-Fluorobiphenyl
 Concen: 0.179 ng
 RT: 12.86 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BN006721.D
 Acq: 05 Jul 2019 18:17

Tgt Ion:172 Resp: 4429
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.8 41.6
 170 24.8 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.018 ng

RT: 13.96 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

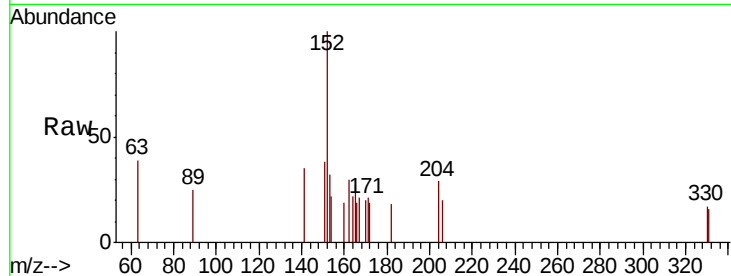
Tgt Ion:152 Resp: 556

Ion Ratio Lower Upper

152 100

151 26.8 15.7 23.5#

153 14.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.96

300

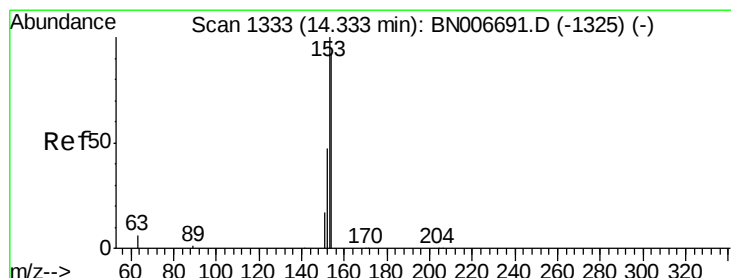
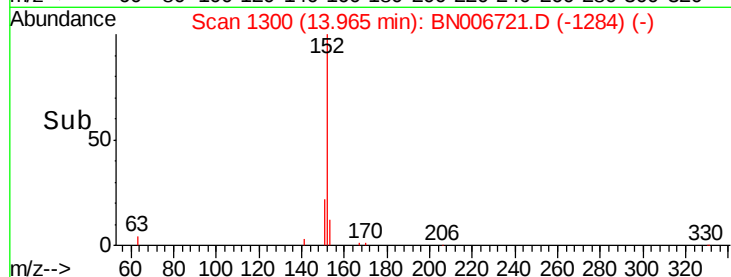
200

100

0

13.90 14.00 14.10

Time-->



#17

Acenaphthene

Concen: 0.003 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

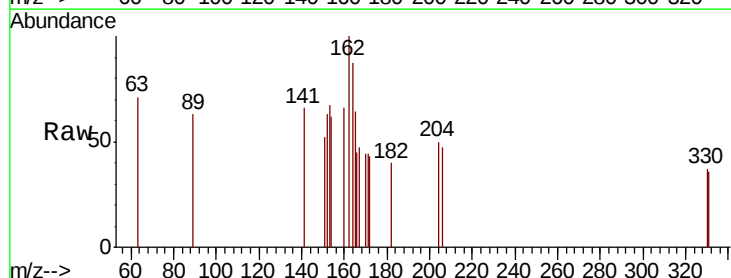
Tgt Ion:154 Resp: 58

Ion Ratio Lower Upper

154 100

153 91.4 88.9 133.3

152 53.4 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

14.31

100

80

60

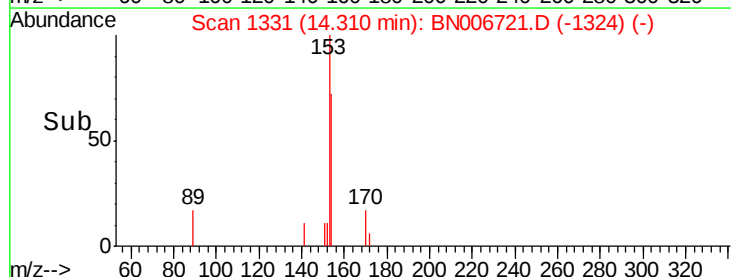
40

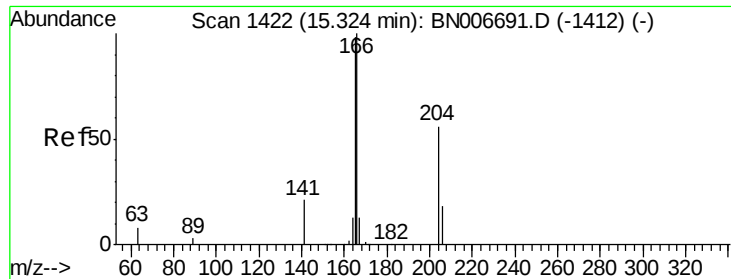
20

0

14.30 14.40

Time-->





#18

Fluorene

Concen: 0.005 ng

RT: 15.32 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

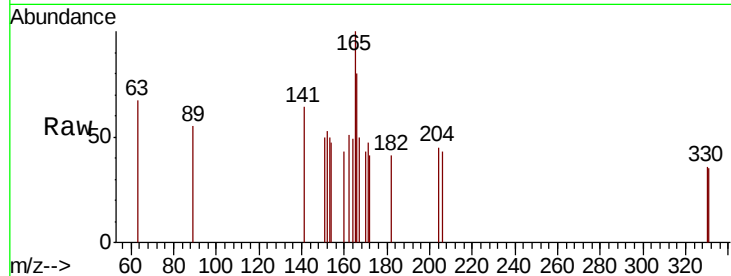
Tgt Ion:166 Resp: 118

Ion Ratio Lower Upper

166 100

165 115.3 78.0 117.0

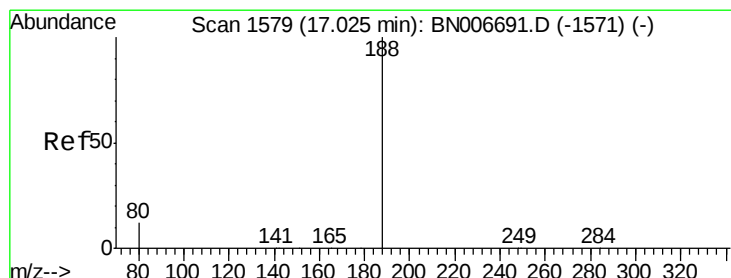
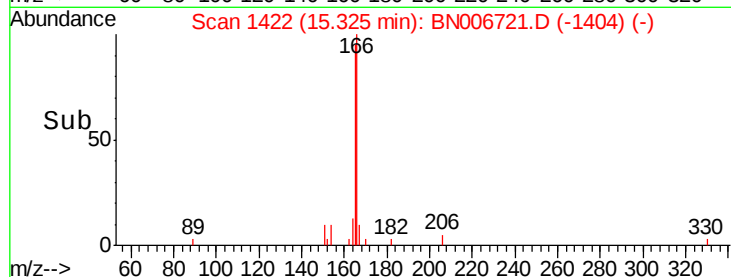
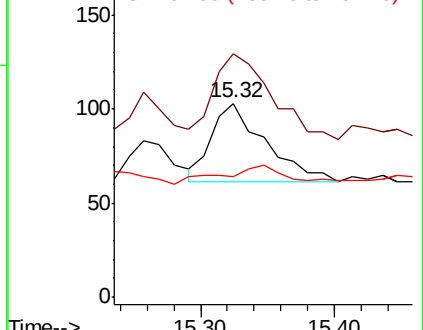
167 0.0 10.7 16.1#



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: BN006721.D

Acq: 05 Jul 2019 18:17

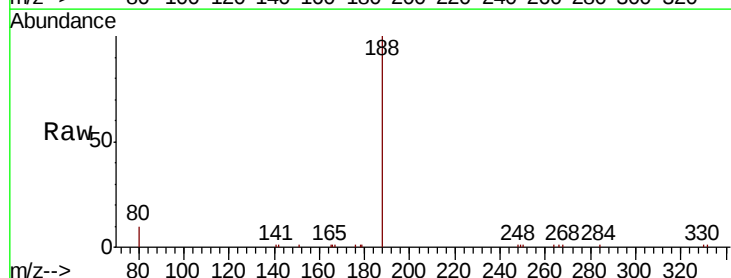
Tgt Ion:188 Resp: 14795

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

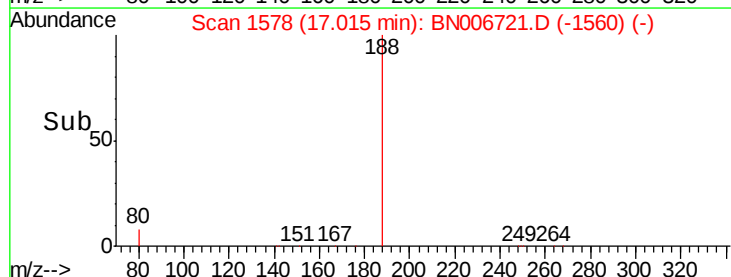
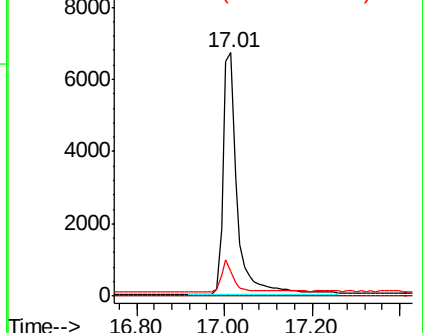
80 10.3 10.3 15.5#

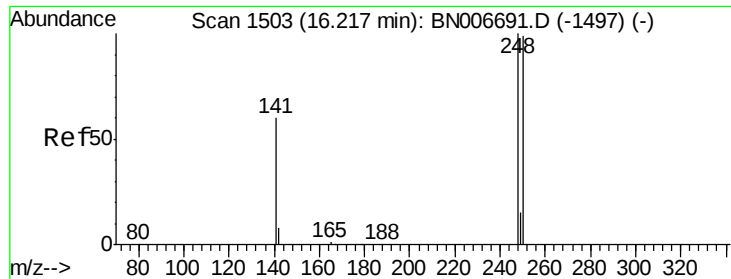


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

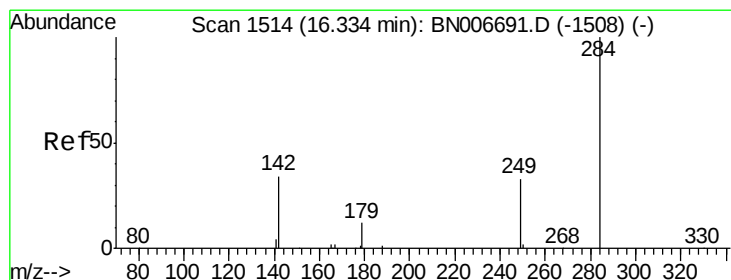
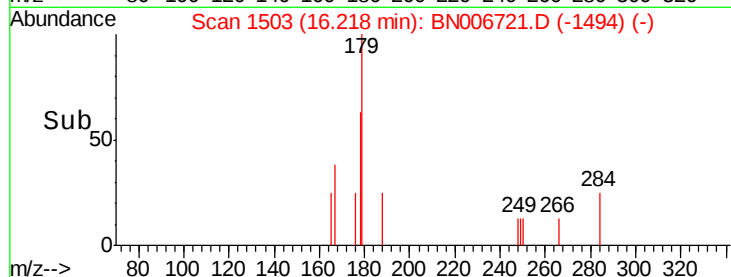
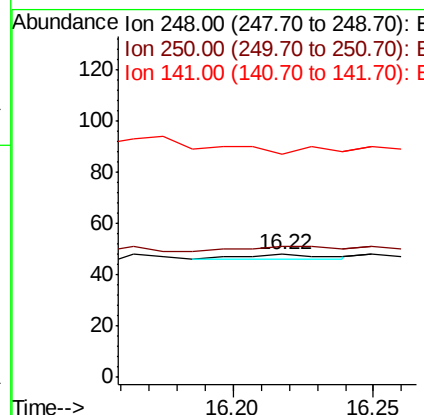
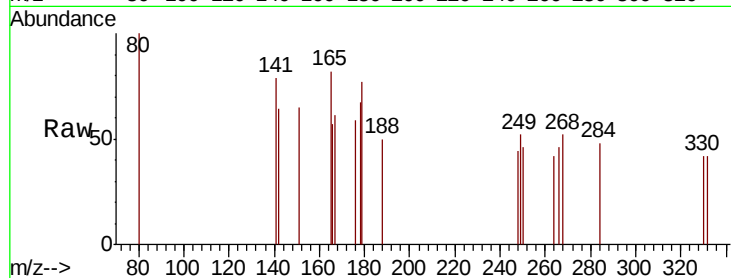




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.22 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

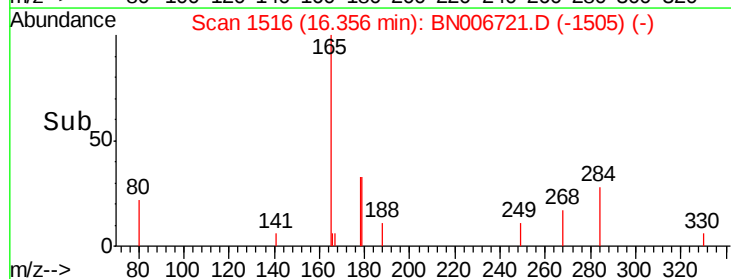
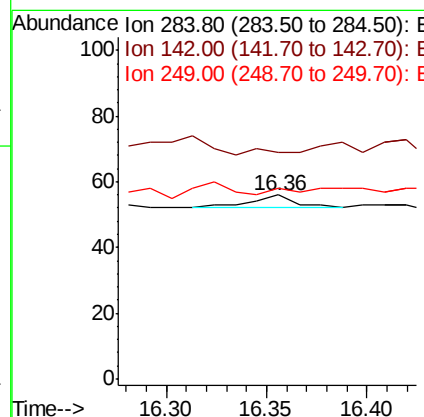
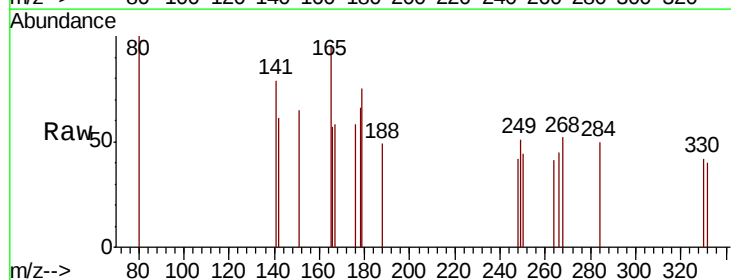
Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

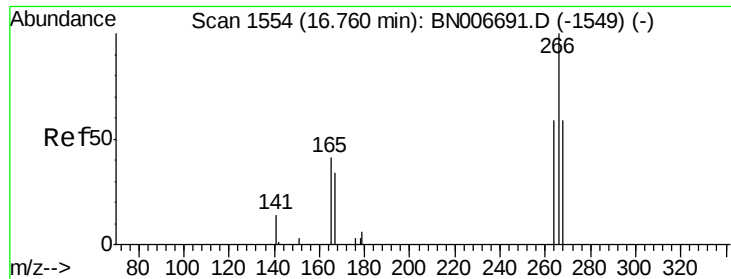
Tgt Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 106.3 79.0 118.6
141 181.3 50.2 75.4#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 0.0 26.9 40.3#
249 0.0 24.4 36.6#

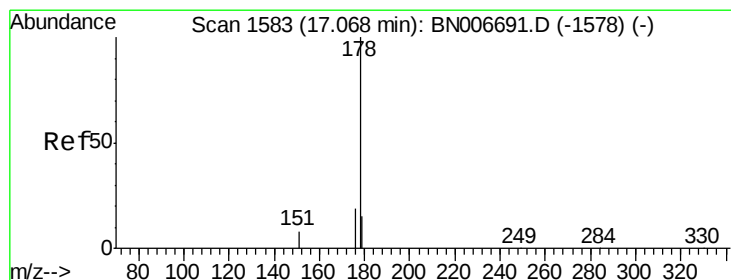
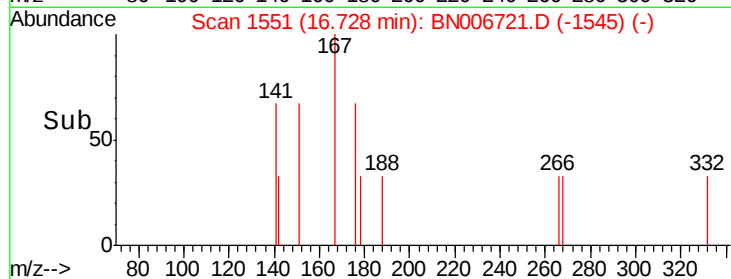
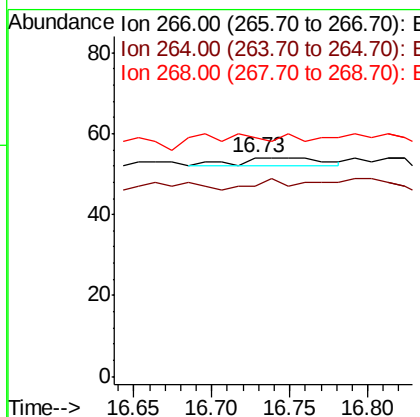
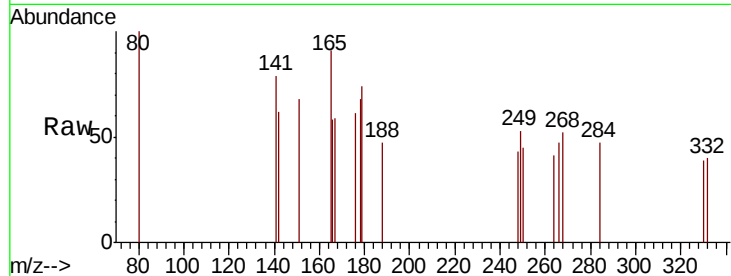




#22
 Pentachlorophenol
 Concen: 0.116 ng
 RT: 16.73 min Scan# 1551
 Delta R.T. -0.03 min
 Lab File: BN006721.D
 Acq: 05 Jul 2019 18:17

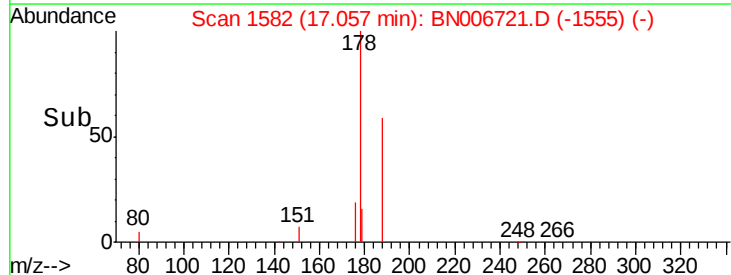
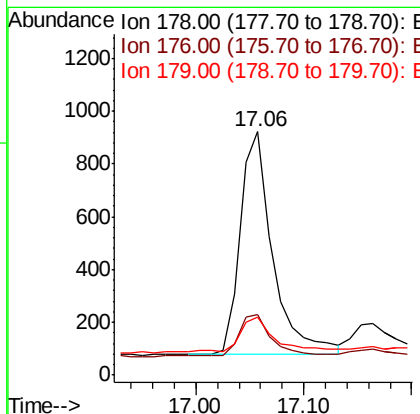
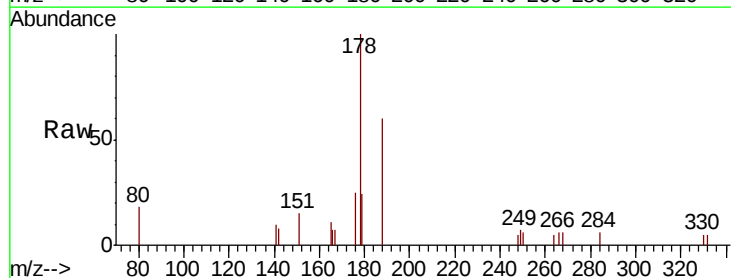
Instrument :
 BNA_N
 ClientSampleId :
 PST-015-B229-062519

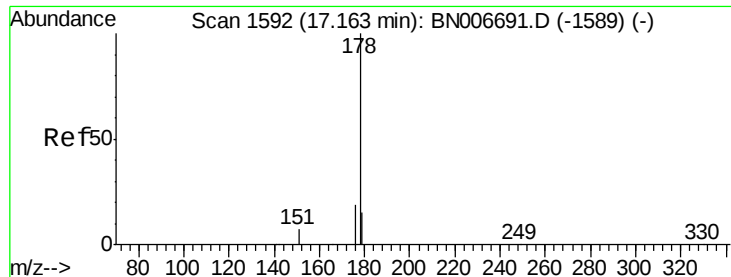
Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 87.0 57.6 86.4#
 268 109.3 66.6 99.8#



#23
 Phenanthrene
 Concen: 0.041 ng
 RT: 17.06 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BN006721.D
 Acq: 05 Jul 2019 18:17

Tgt Ion: 178 Resp: 1766
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.3 22.9
 179 20.3 12.4 18.6#





#24

Anthracene

Concen: 0.007 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

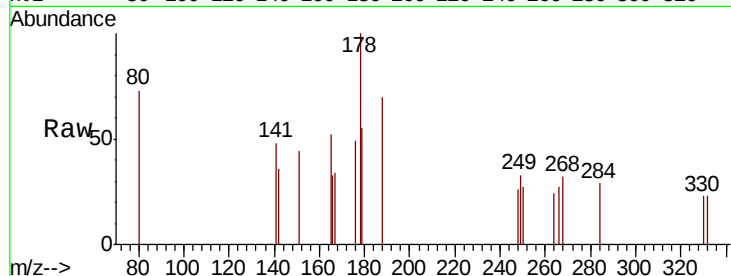
Tgt Ion:178 Resp: 263

Ion Ratio Lower Upper

178 100

176 17.9 14.8 22.2

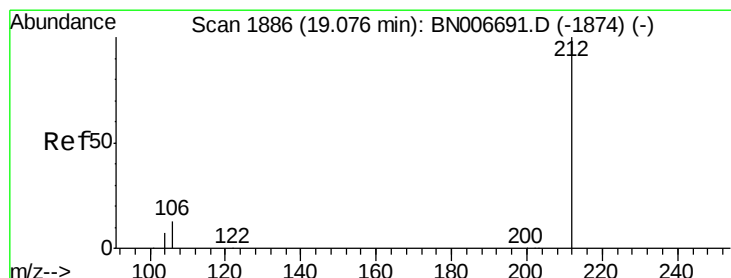
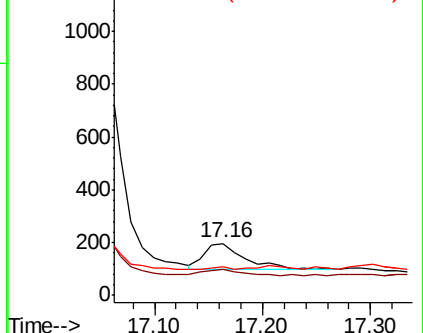
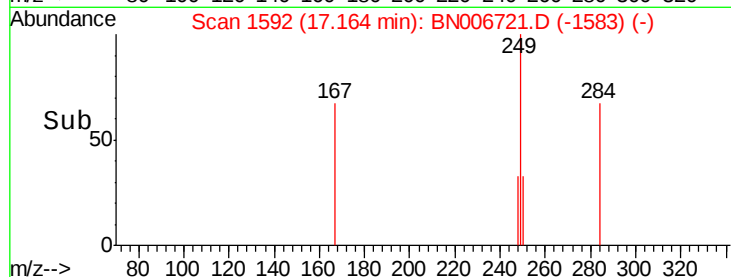
179 6.5 11.9 17.9#



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: 0.202 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

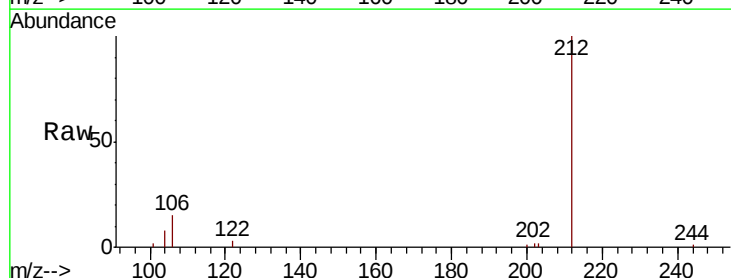
Tgt Ion:212 Resp: 8546

Ion Ratio Lower Upper

212 100

106 15.0 11.0 16.6

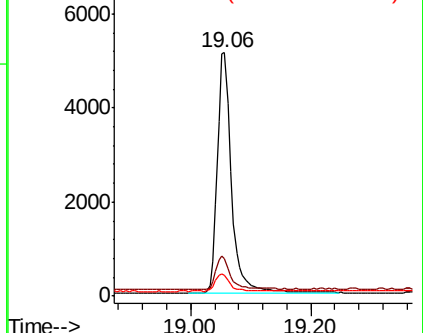
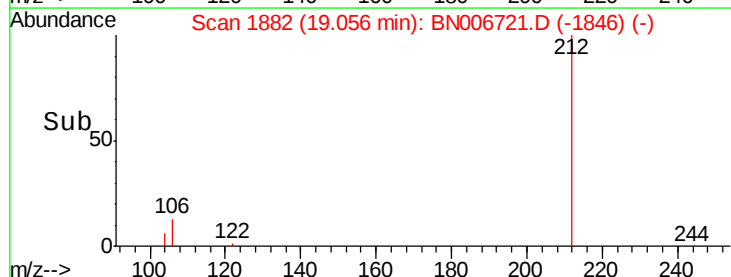
104 7.5 6.1 9.1

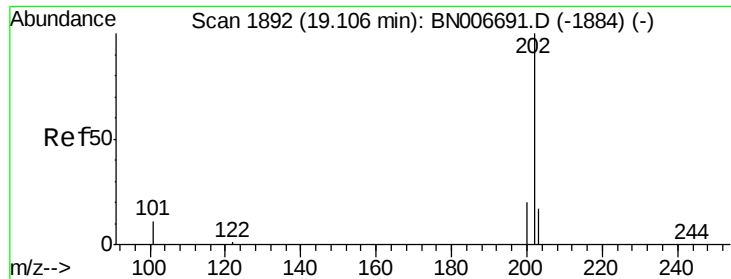


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

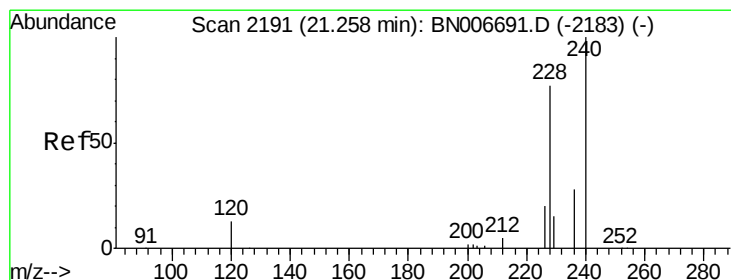
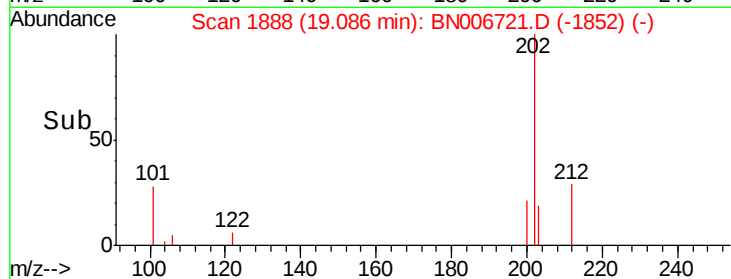
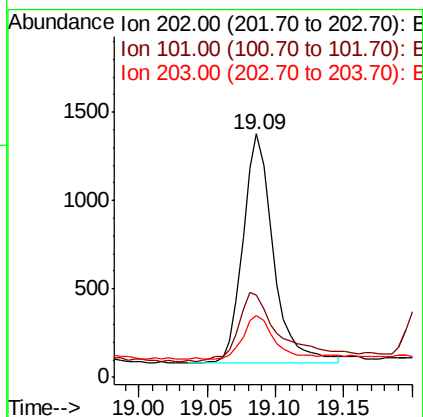
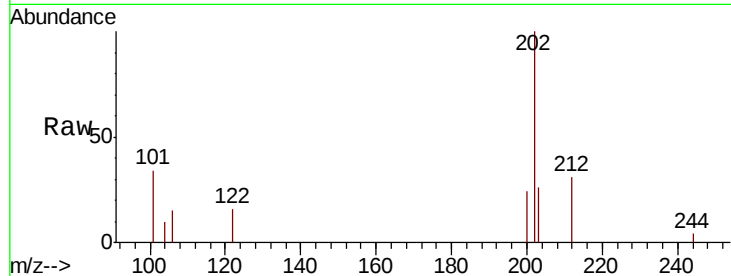




#26
Fluoranthene
Concen: 0.040 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

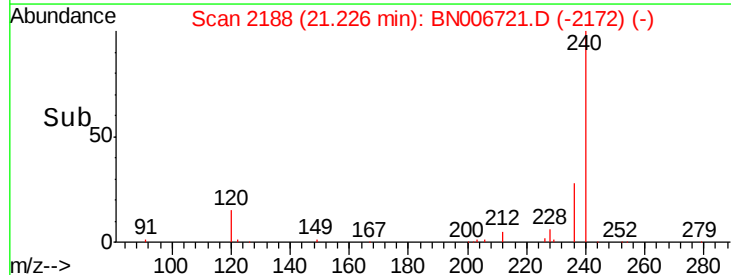
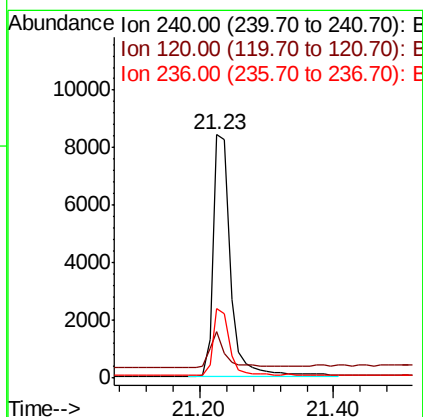
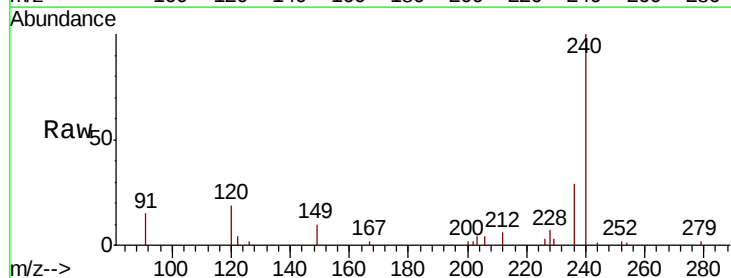
Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

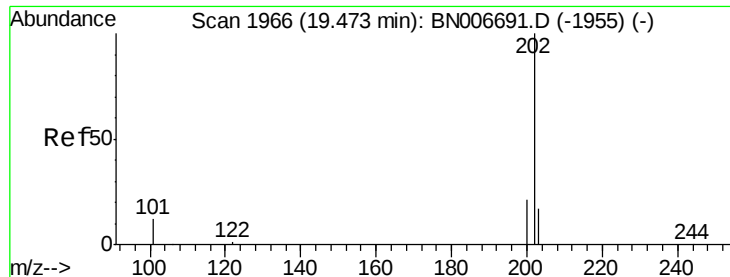
Tgt Ion: 202 Resp: 2025
Ion Ratio Lower Upper
202 100
101 43.3 8.7 13.1#
203 19.9 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion: 240 Resp: 14790
Ion Ratio Lower Upper
240 100
120 18.9 12.9 19.3
236 28.5 23.2 34.8

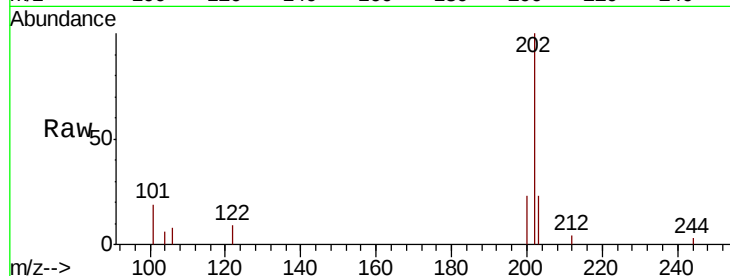




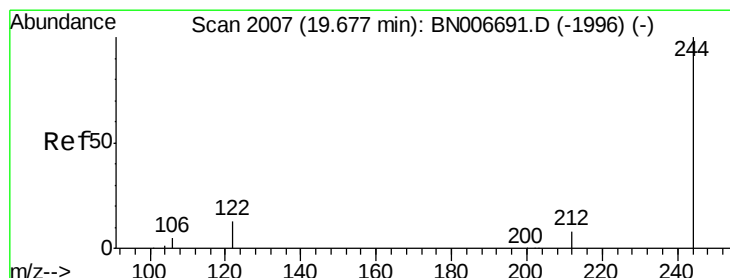
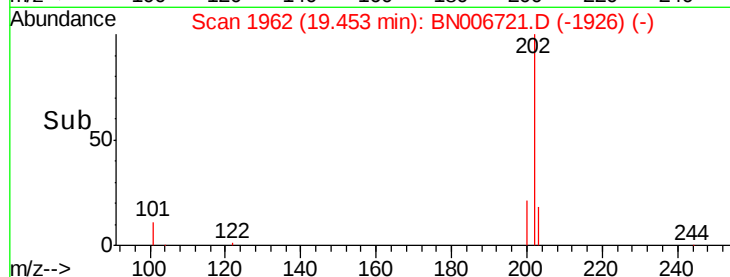
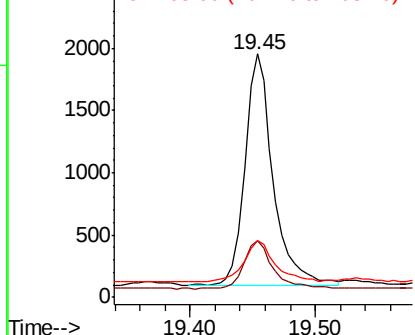
#28
Pyrene
Concen: 0.049 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

Tgt Ion: 202 Resp: 2896
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 20.2 14.2 21.2

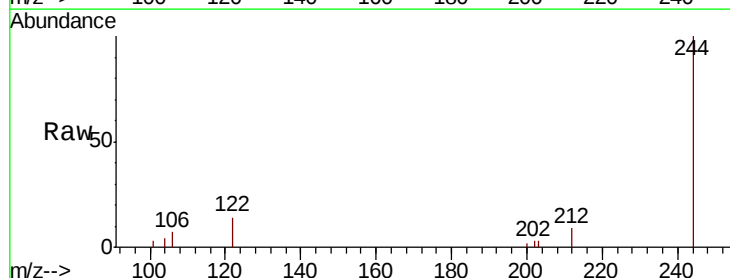


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

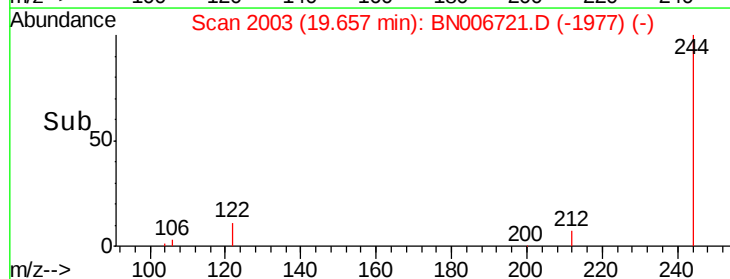
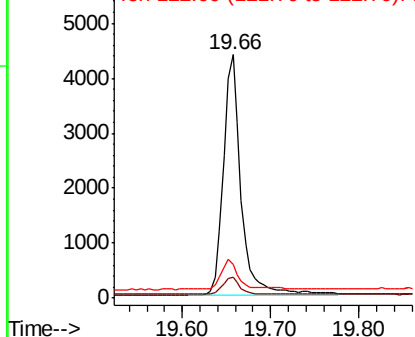


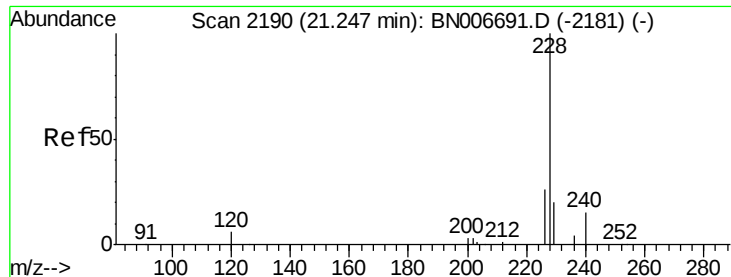
#29
Terphenyl-d14
Concen: 0.179 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion: 244 Resp: 6095
Ion Ratio Lower Upper
244 100
212 8.5 7.0 10.4
122 13.9 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: 0.021 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

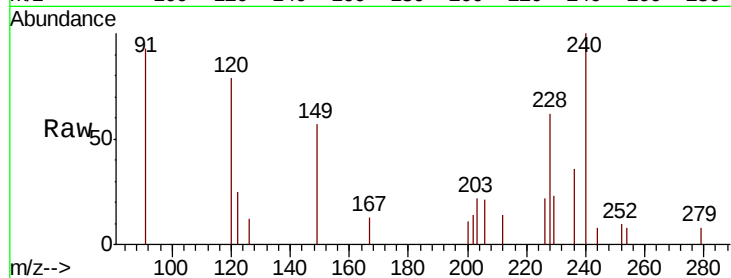
Tgt Ion:228 Resp: 1072

Ion Ratio Lower Upper

228 100

226 35.5 21.5 32.3#

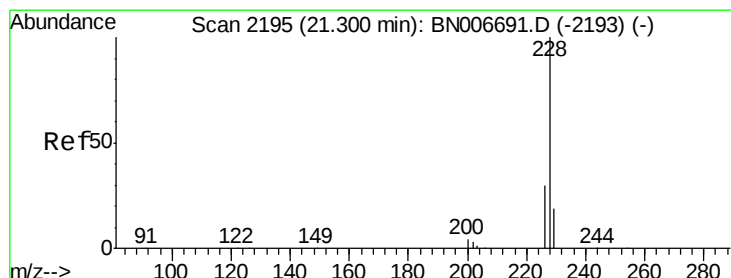
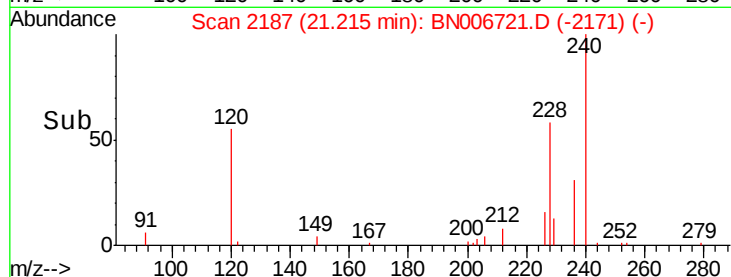
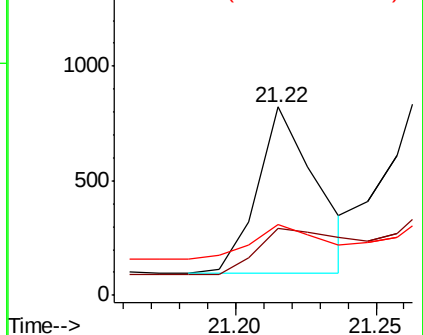
229 37.6 16.2 24.4#



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: 0.031 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

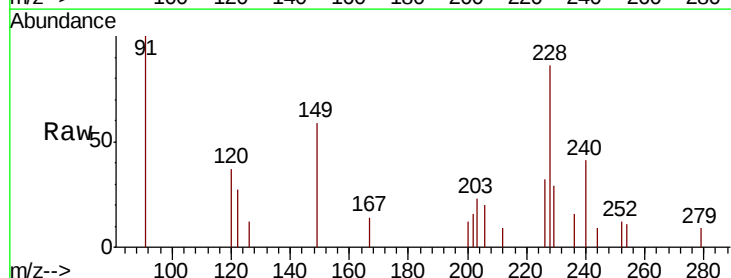
Tgt Ion:228 Resp: 1607

Ion Ratio Lower Upper

228 100

226 37.6 24.2 36.2#

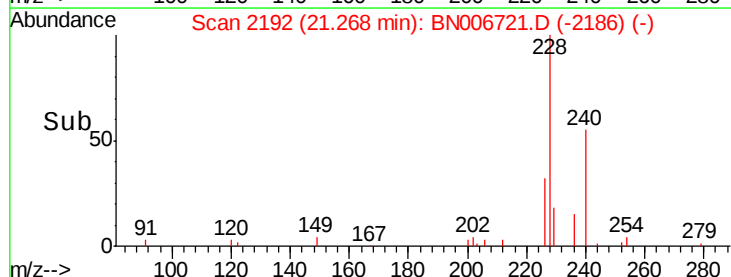
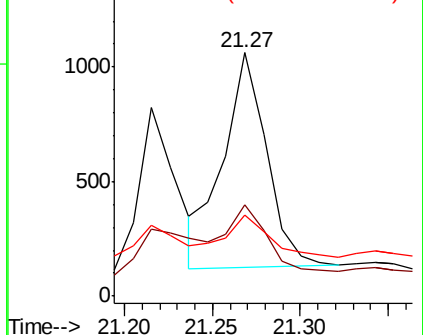
229 33.4 15.8 23.6#

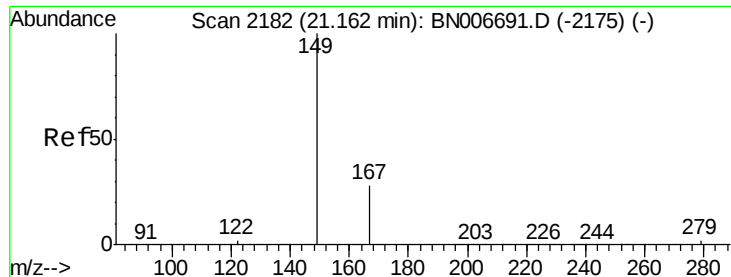


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.029 ng

RT: 21.13 min Scan# 2179

Delta R.T. -0.03 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

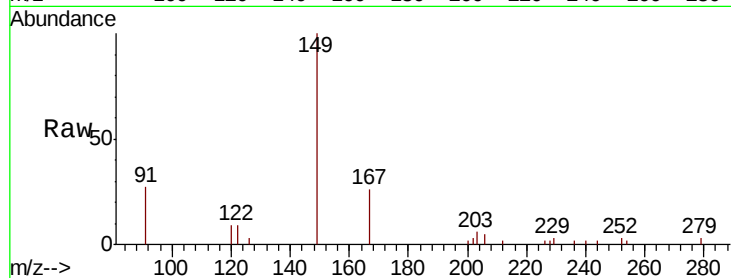
Tgt Ion:149 Resp: 4398

Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

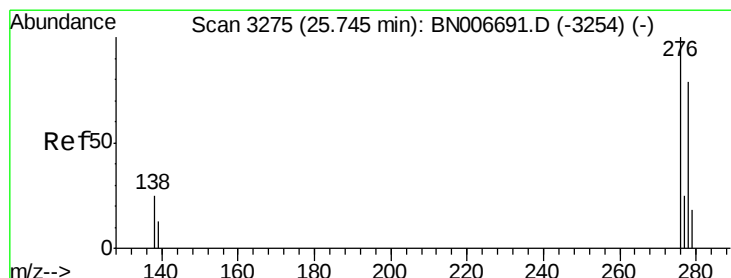
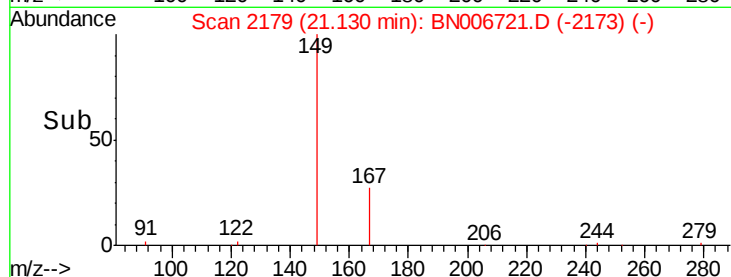
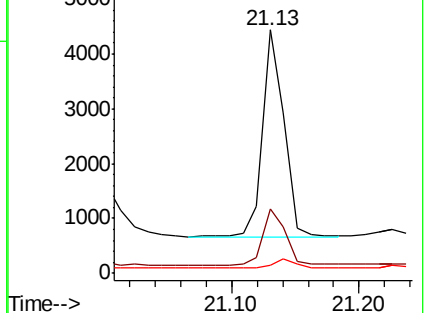
279 4.6 3.2 4.8



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: 0.011 ng

RT: 25.69 min Scan# 3260

Delta R.T. -0.05 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

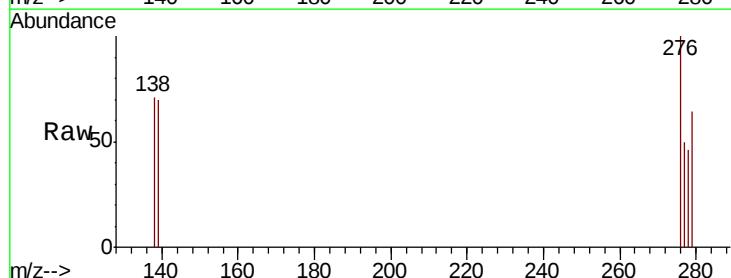
Tgt Ion:276 Resp: 721

Ion Ratio Lower Upper

276 100

138 24.1 19.5 29.3

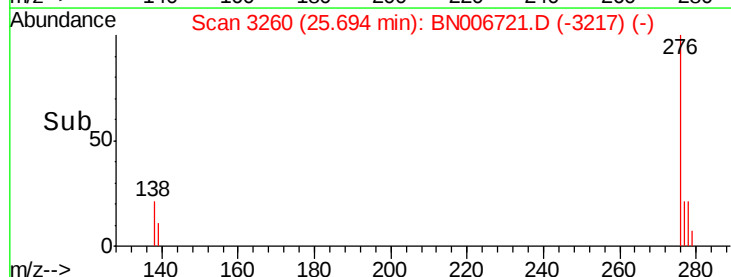
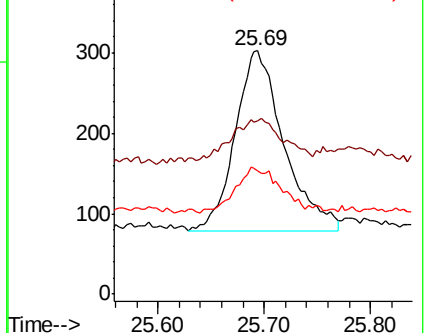
277 23.0 19.7 29.5

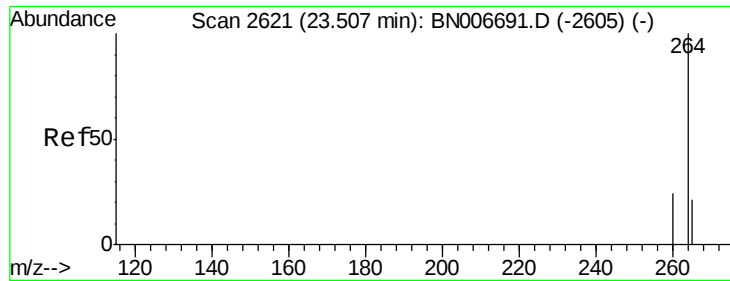


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

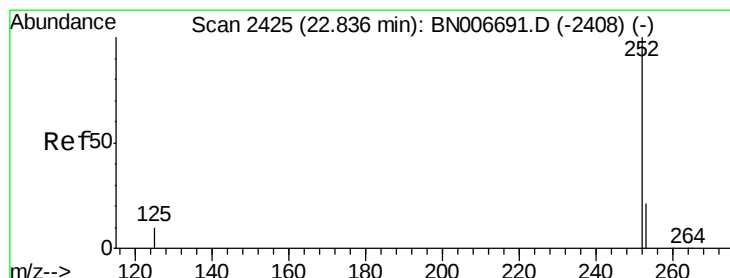
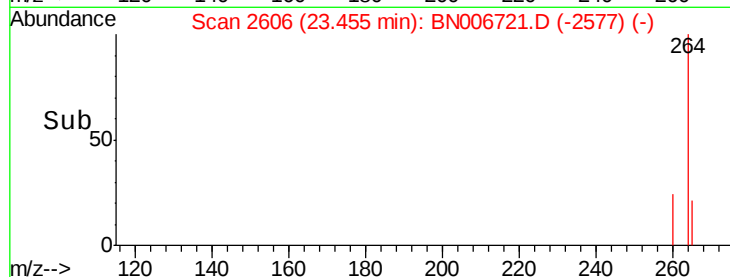
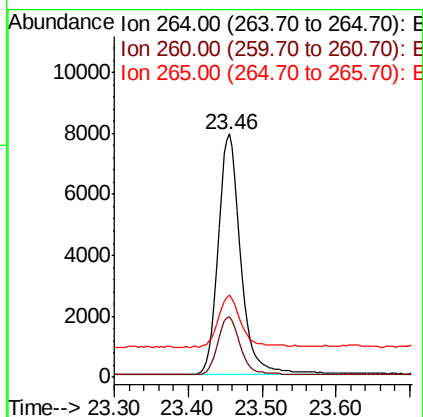
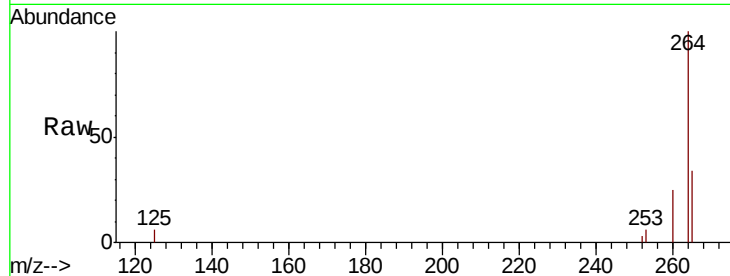




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2606
 Delta R.T. -0.05 min
 Lab File: BN006721.D
 Acq: 05 Jul 2019 18:17

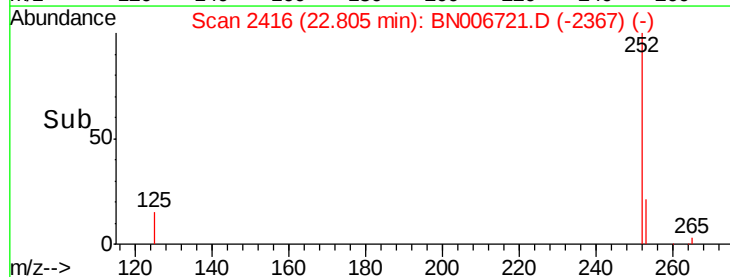
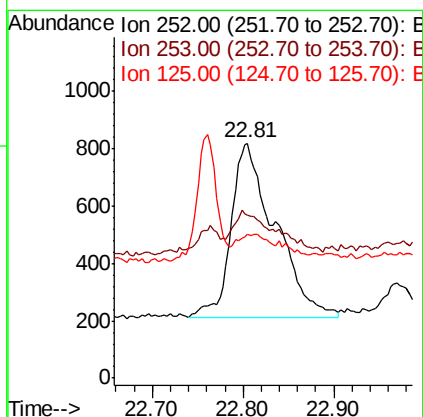
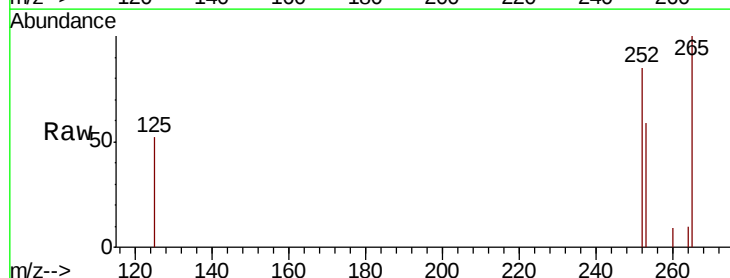
Instrument :
 BNA_N
 ClientSampleId :
 PST-015-B229-062519

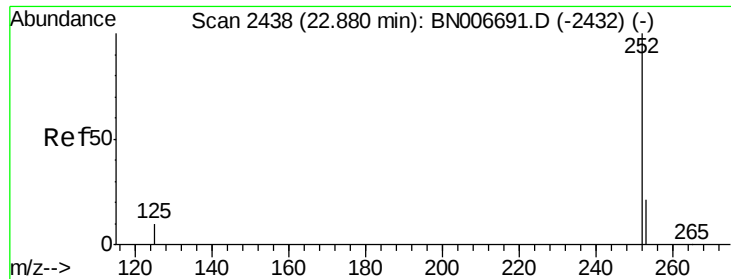
Tgt Ion: 264 Resp: 16593
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 33.7 33.7 50.5#



#35
Benzo(b)fluoranthene
 Concen: 0.038 ng
 RT: 22.81 min Scan# 2416
 Delta R.T. -0.03 min
 Lab File: BN006721.D
 Acq: 05 Jul 2019 18:17

Tgt Ion: 252 Resp: 2036
 Ion Ratio Lower Upper
 252 100
 253 69.2 20.2 30.2#
 125 61.3 11.5 17.3#

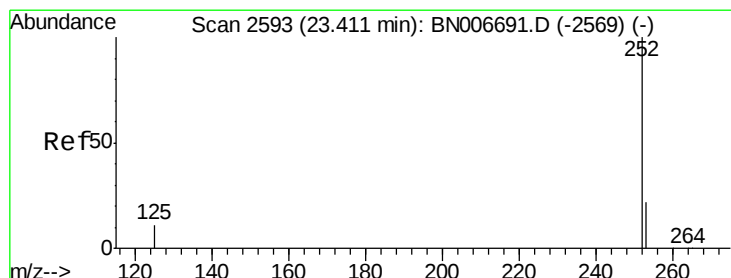
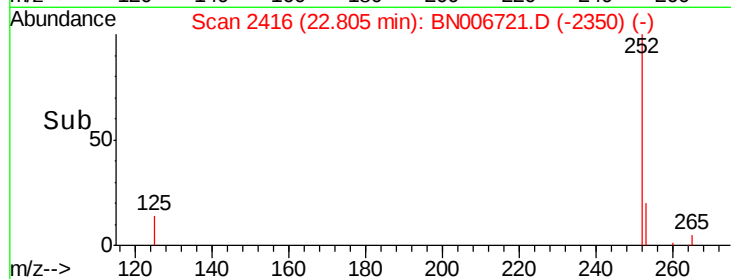
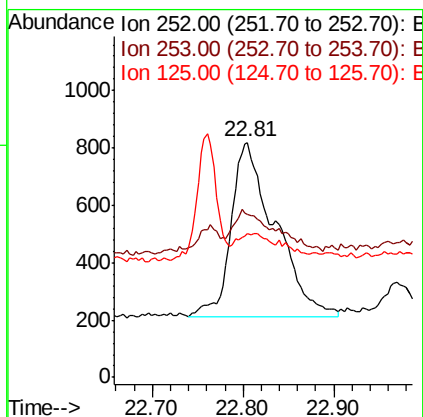
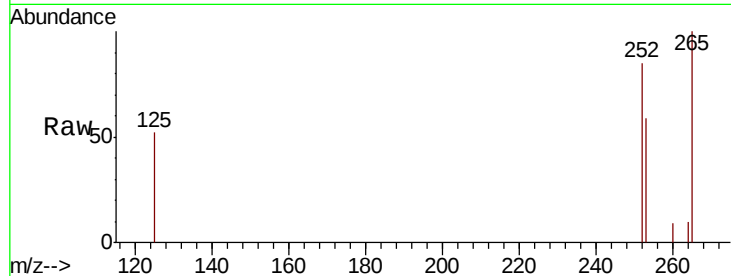




#36
Benzo(k)fluoranthene
Concen: 0.035 ng
RT: 22.81 min Scan# 2416
Delta R.T. -0.08 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

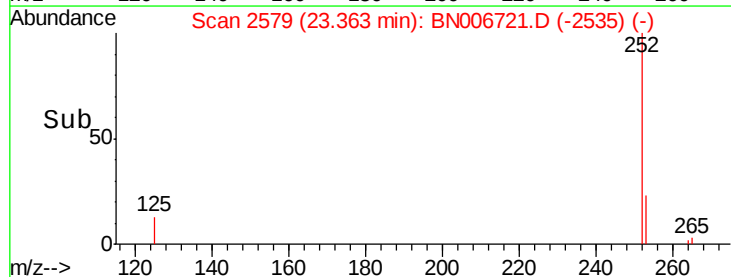
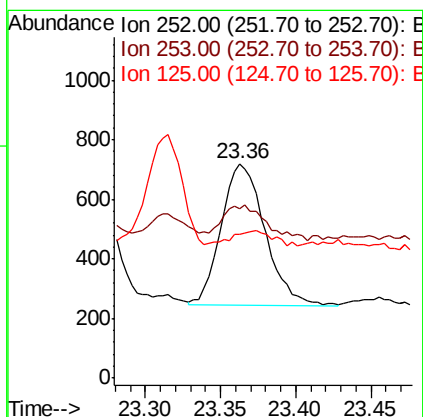
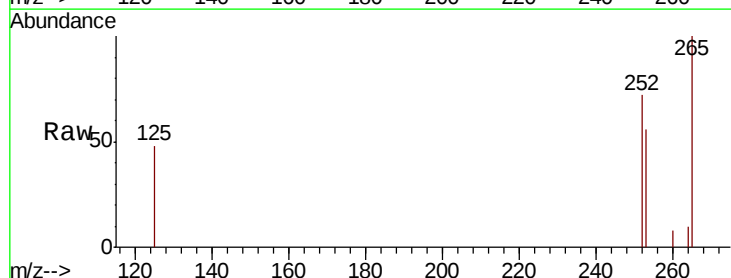
Instrument :
BNA_N
ClientSampleId :
PST-015-B229-062519

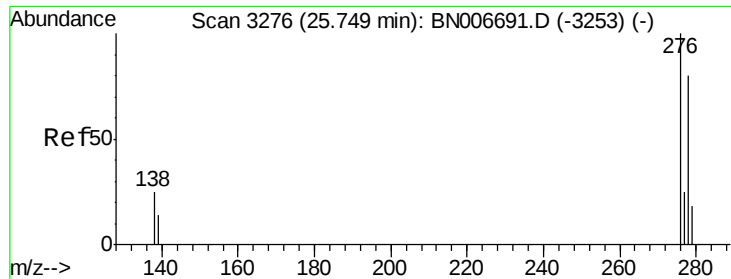
Tgt Ion:252 Resp: 2036
Ion Ratio Lower Upper
252 100
253 69.2 20.1 30.1#
125 61.3 11.4 17.0#



#37
Benzo(a)pyrene
Concen: 0.018 ng
RT: 23.36 min Scan# 2579
Delta R.T. -0.05 min
Lab File: BN006721.D
Acq: 05 Jul 2019 18:17

Tgt Ion:252 Resp: 949
Ion Ratio Lower Upper
252 100
253 78.8 21.4 32.2#
125 66.8 13.3 19.9#





#38

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 25.68 min Scan# 3257

Delta R.T. -0.06 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

Instrument :

BNA_N

ClientSampleId :

PST-015-B229-062519

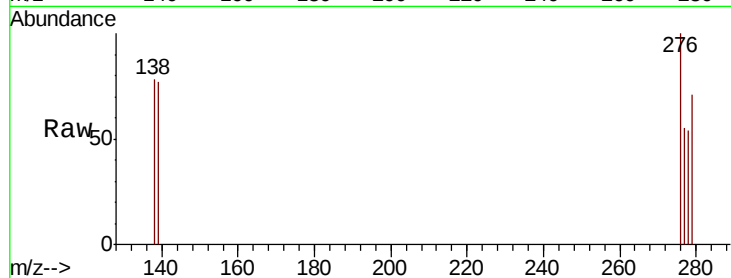
Tgt Ion:278 Resp: 219

Ion Ratio Lower Upper

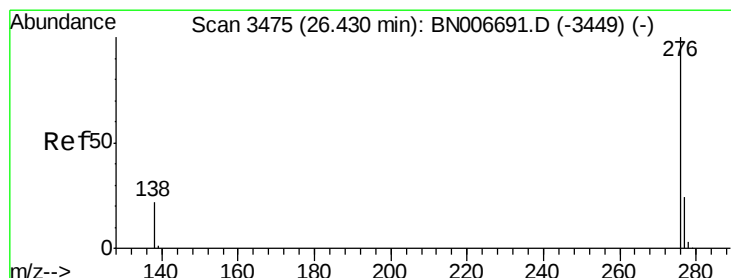
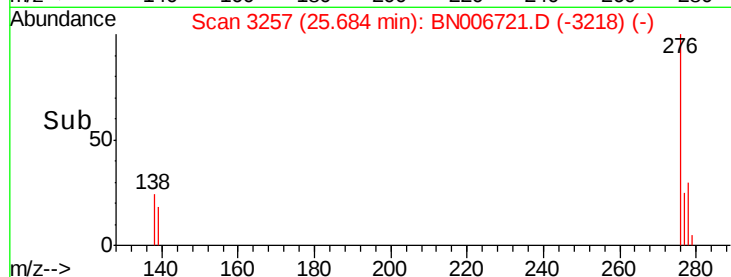
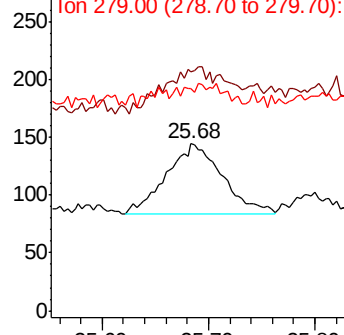
278 100

139 143.8 16.2 24.4#

279 133.3 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(g,h,i)perylene

Concen: 0.016 ng

RT: 26.37 min Scan# 3458

Delta R.T. -0.06 min

Lab File: BN006721.D

Acq: 05 Jul 2019 18:17

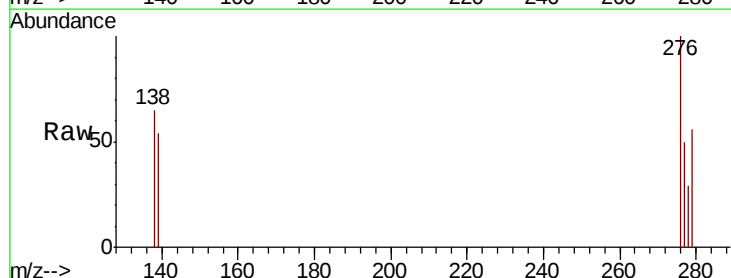
Tgt Ion:276 Resp: 855

Ion Ratio Lower Upper

276 100

277 49.8 20.6 30.8#

138 65.2 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

