

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
 Data File : BN003192.D
 Acq On : 17 Oct 2018 22:23
 Operator : MJ/SJ
 Sample : J5364-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS035-181008

Quant Time: Oct 18 15:40:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 15:26:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1043	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	4443	0.40	ng	0.01
13) Acenaphthene-d10	14.27	164	3406	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	9304	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	11580	0.40	ng	-0.01
34) Perylene-d12	23.45	264	11932	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	17	0.01	ng	-0.08
5) Phenol-d6	6.89	99	371	0.11	ng	-0.05
8) Nitrobenzene-d5	8.91	82	1095	0.38	ng	0.04
11) 2-Methylnaphthalene-d10	12.03	152	2935	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.79	330	994	0.46	ng	-0.03
15) 2-Fluorobiphenyl	12.89	172	5092	0.38	ng	-0.03
25) Fluoranthene-d10	19.07	212	11343	0.39	ng	0.00
29) Terphenyl-d14	19.66	244	13381	0.53	ng	-0.01

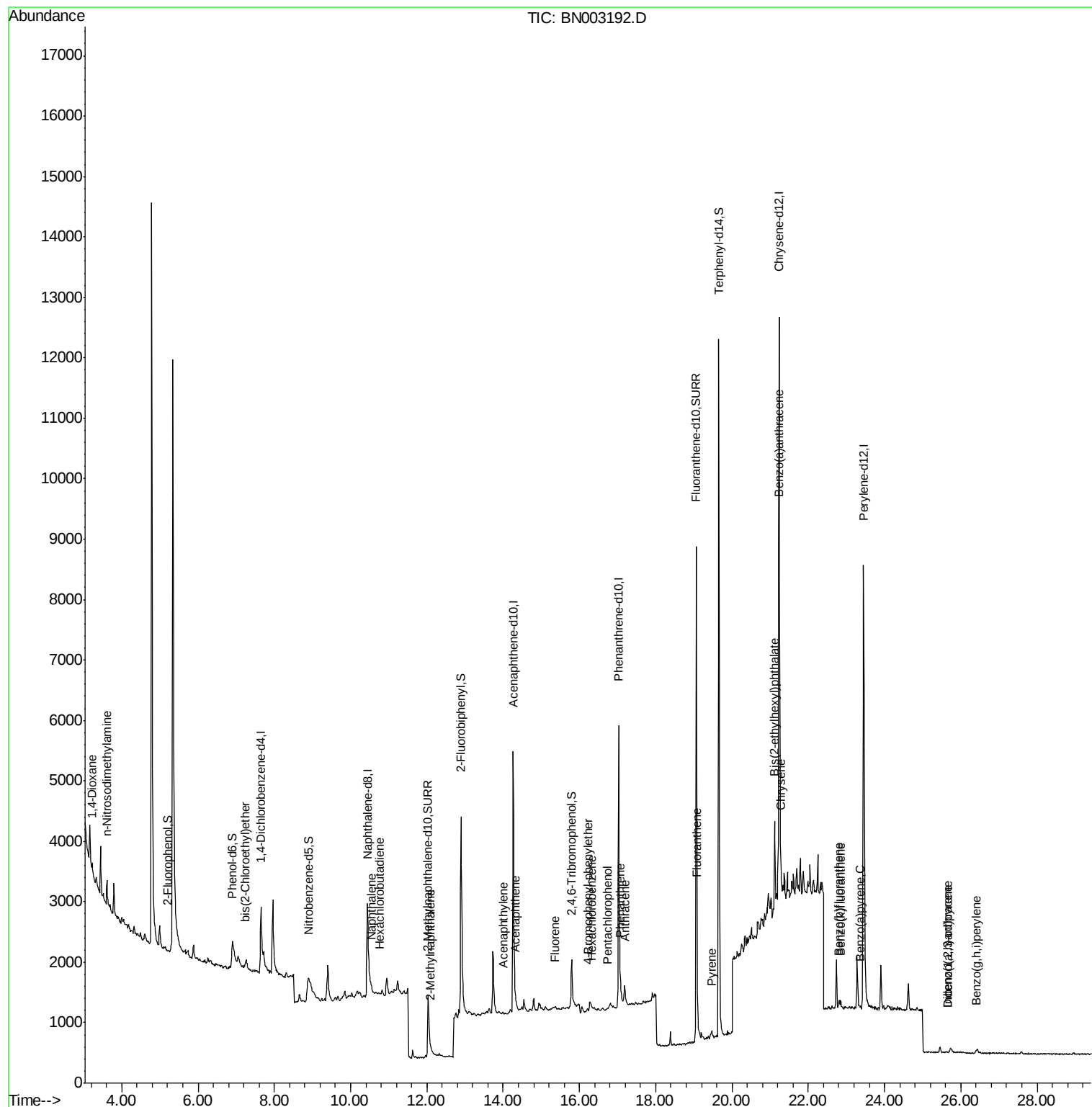
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	130	0.028	ng	# 1
3) n-Nitrosodimethylamine	3.61	42	107	0.277	ng	# 1
6) bis(2-Chloroethyl)ether	7.23	93	5	0.002	ng	# 1
9) Naphthalene	10.54	128	56	0.005	ng	# 1
10) Hexachlorobutadiene	10.76	225	2	0.001	ng	# 18
12) 2-Methylnaphthalene	12.10	142	44	0.006	ng	# 55
16) Acenaphthylene	14.00	152	25	0.002	ng	# 1
17) Acenaphthene	14.32	154	19	0.002	ng	# 48
18) Fluorene	15.35	166	32	0.002	ng	# 86
20) 4-Bromophenyl-phenylether	16.22	248	6	0.001	ng	# 44
21) Hexachlorobenzene	16.31	284	1	0.000	ng	# 1
22) Pentachlorophenol	16.74	266	15	0.094	ng	# 65
23) Phenanthrene	17.08	178	163	0.007	ng	# 84
24) Anthracene	17.18	178	480	0.022	ng	# 86
26) Fluoranthene	19.10	202	125	0.004	ng	# 65
28) Pyrene	19.47	202	139	0.004	ng	# 53
30) Benzo(a)anthracene	21.23	228	146	0.005	ng	# 1
31) Chrysene	21.28	228	154	0.004	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.12	149	1399	0.083	ng	97
33) Indeno(1,2,3-cd)pyrene	25.65	276	5	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.81	252	170	0.005	ng	# 1
36) Benzo(k)fluoranthene	22.85	252	134	0.004	ng	# 1
37) Benzo(a)pyrene	23.37	252	39	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.67	278	3	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.39	276	58	0.002	ng	# 1

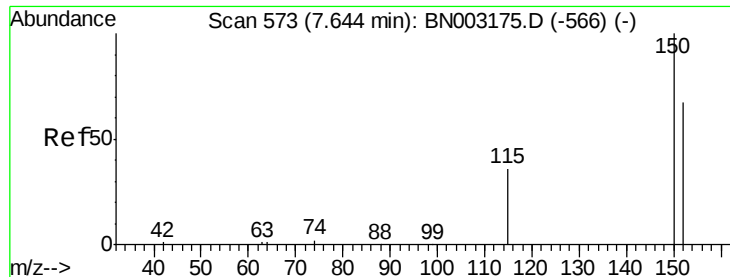
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.65 min Scan# 574

Delta R.T. 0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

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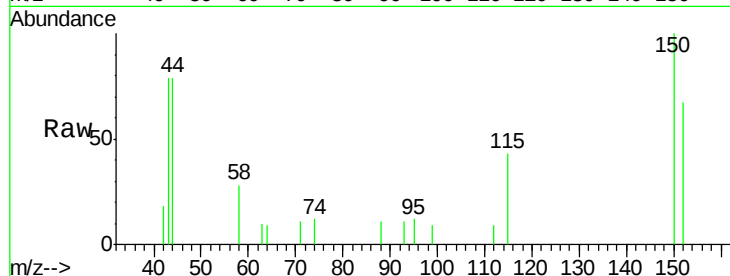
Tgt Ion:152 Resp: 1043

Ion Ratio Lower Upper

152 100

150 148.2 126.2 189.4

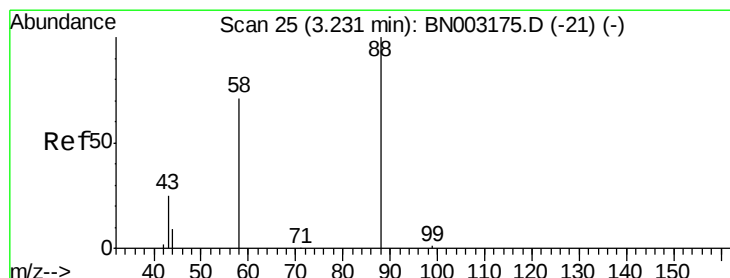
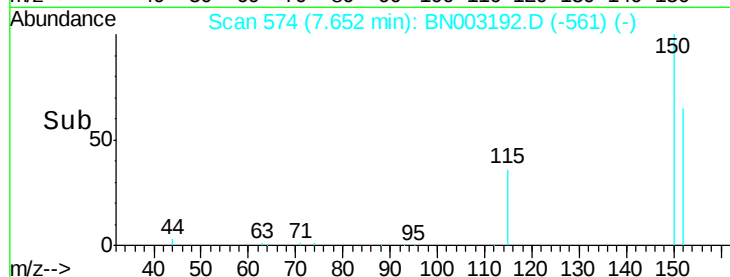
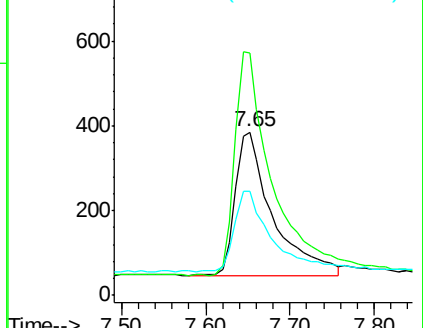
115 63.5 49.8 74.6



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: 0.028 ng

RT: 3.23 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

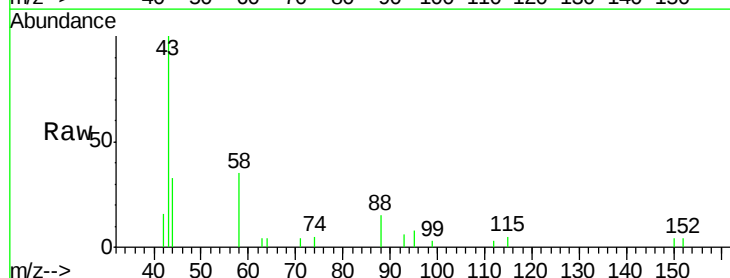
Tgt Ion: 88 Resp: 130

Ion Ratio Lower Upper

88 100

58 140.8 66.7 100.1#

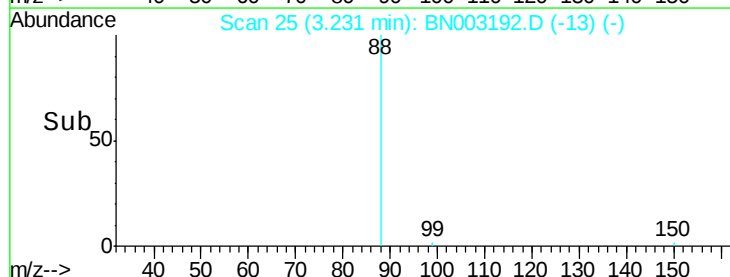
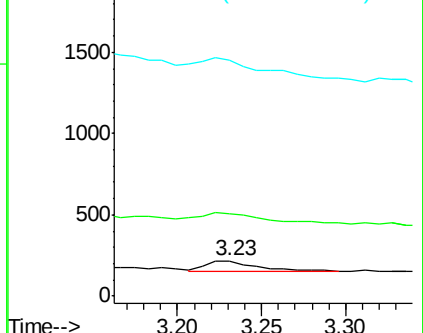
43 248.5 24.6 37.0#

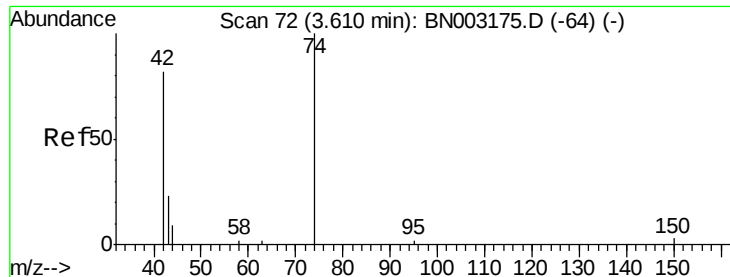


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.277 ng

RT: 3.61 min Scan# 72

Delta R.T. 0.00 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

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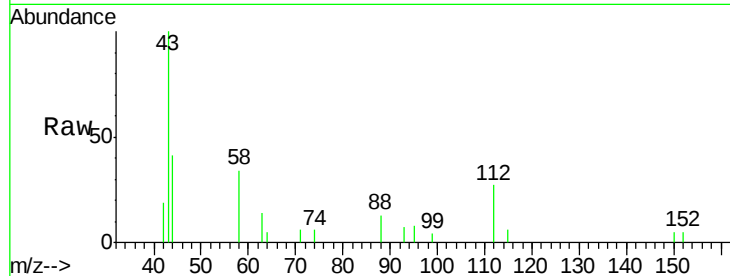
Tgt Ion: 42 Resp: 107

Ion Ratio Lower Upper

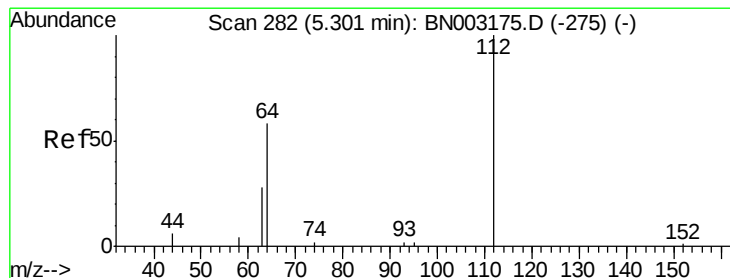
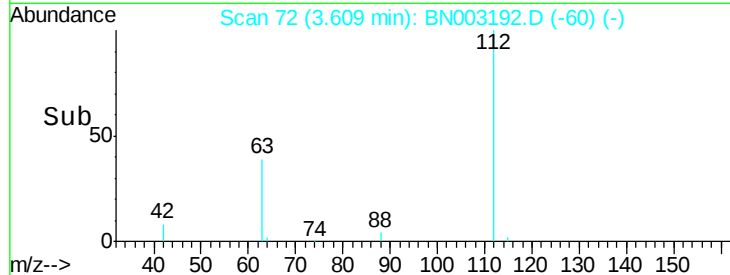
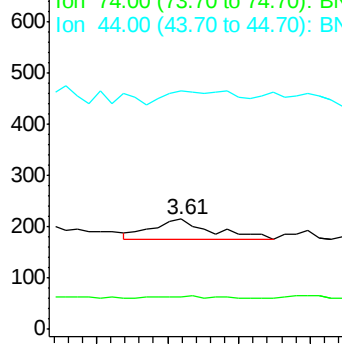
42 100

74 6.5 102.9 154.3#

44 46.7 0.0 0.0#



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: 0.007 ng

RT: 5.22 min Scan# 272

Delta R.T. -0.08 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

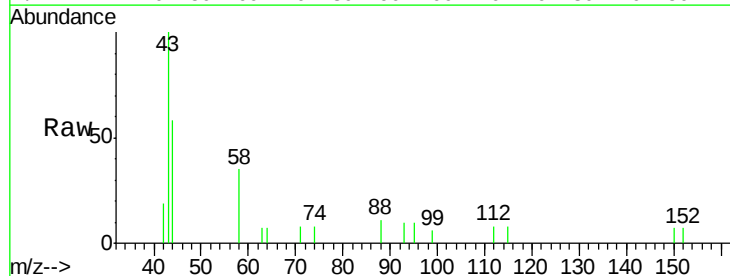
Tgt Ion: 112 Resp: 17

Ion Ratio Lower Upper

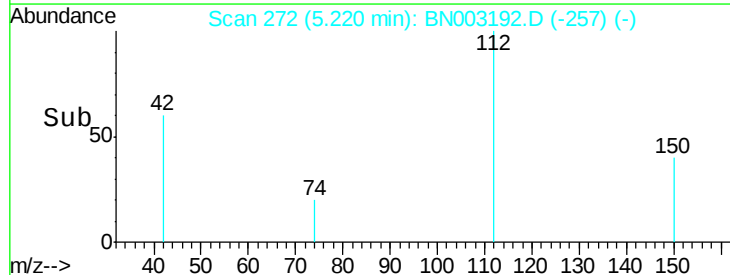
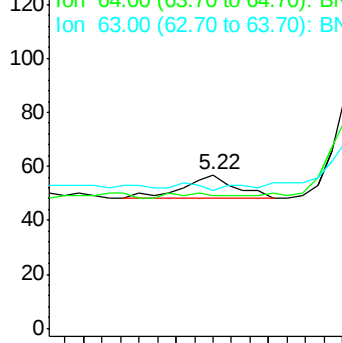
112 100

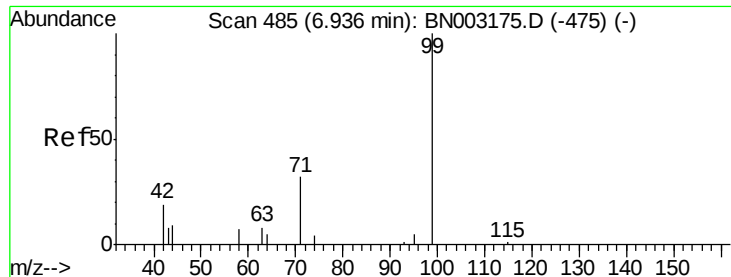
64 0.0 49.0 73.4#

63 0.0 25.9 38.9#



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.113 ng

RT: 6.89 min Scan# 479

Delta R.T. -0.05 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

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KY038PS035-181008

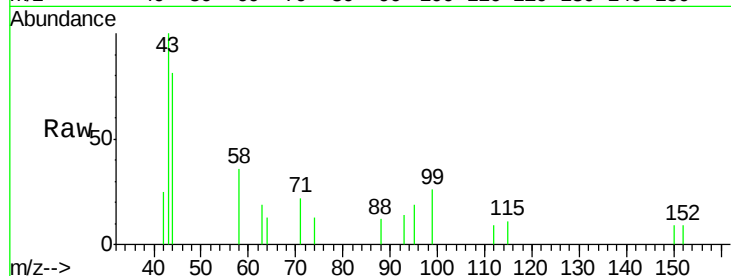
Tgt Ion: 99 Resp: 371

Ion Ratio Lower Upper

99 100

42 22.1 15.4 23.2

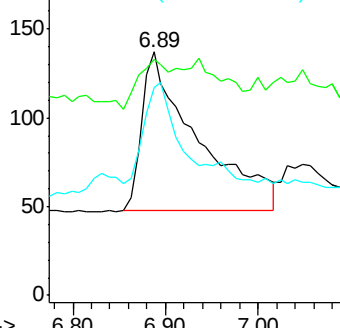
71 42.9 26.0 39.0#



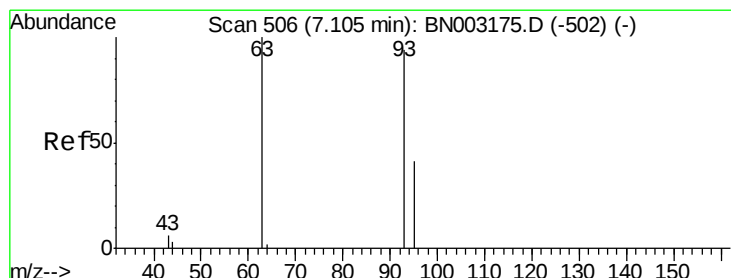
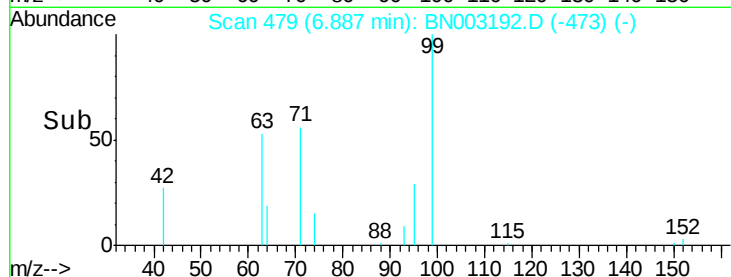
Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



Time--> 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.23 min Scan# 521

Delta R.T. 0.12 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

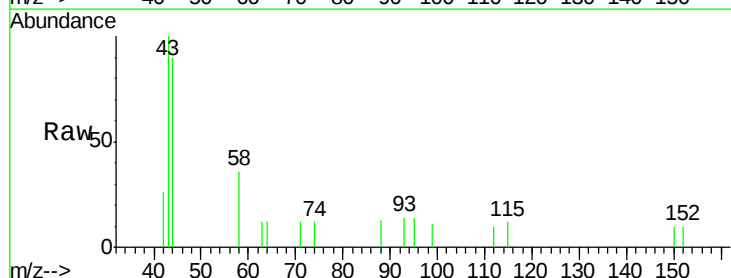
Tgt Ion: 93 Resp: 5

Ion Ratio Lower Upper

93 100

63 0.0 54.2 81.4#

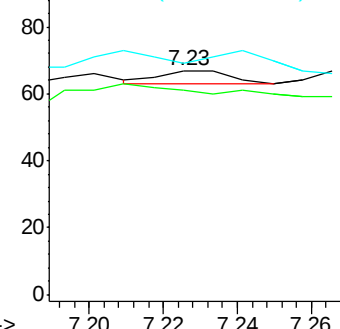
95 160.0 24.9 37.3#



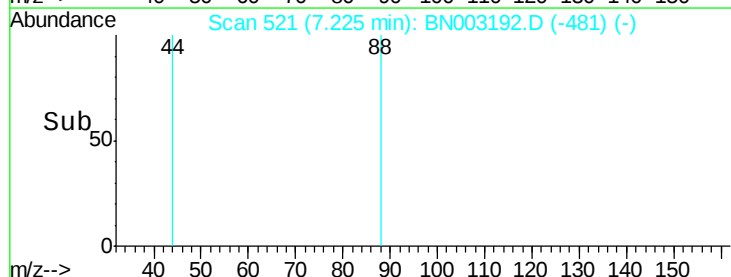
Abundance Ion 93.00 (92.70 to 93.70): BNC

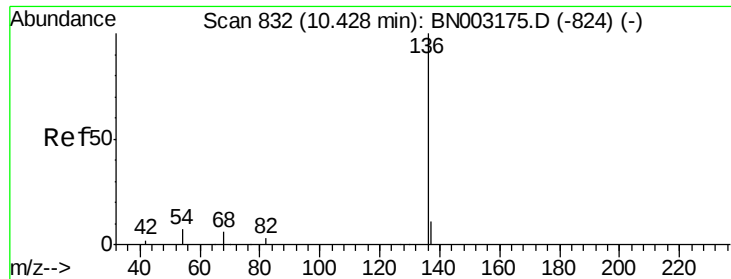
Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC



Time--> 7.20 7.22 7.24 7.26





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008

Tgt Ion: 136 Resp: 4443

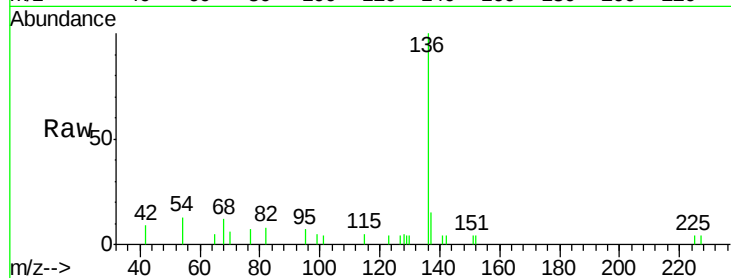
Ion Ratio Lower Upper

136 100

137 15.4 9.4 14.0#

54 13.0 7.4 11.0#

68 11.7 5.8 8.6#

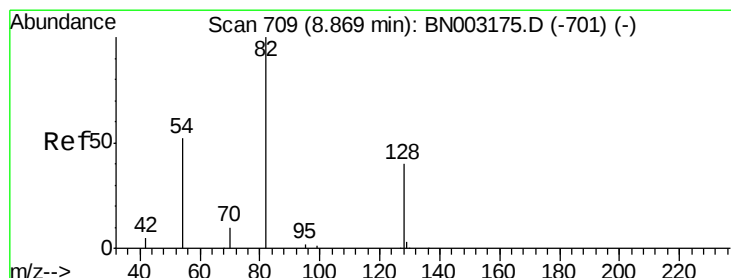
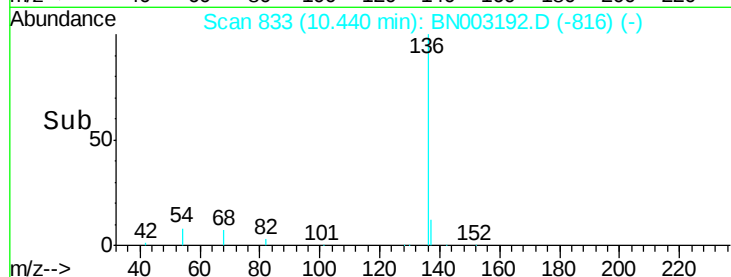
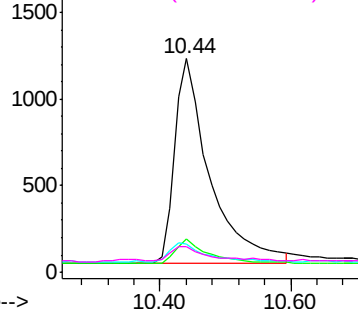


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.91 min Scan# 712

Delta R.T. 0.04 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

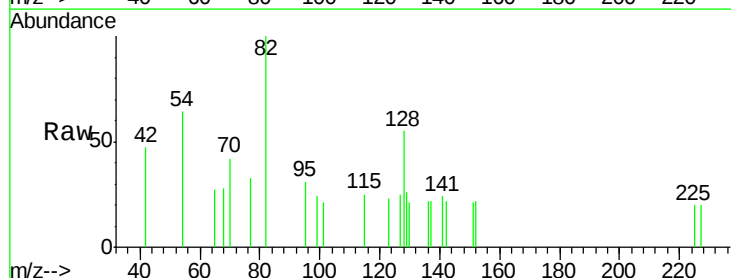
Tgt Ion: 82 Resp: 1095

Ion Ratio Lower Upper

82 100

128 55.1 38.2 57.4

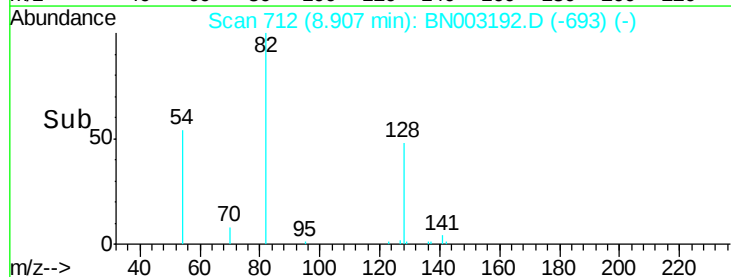
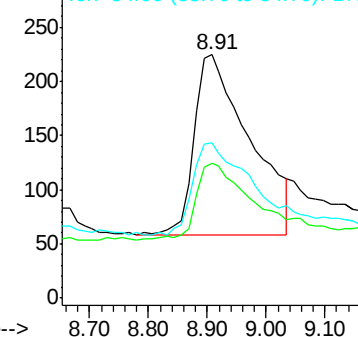
54 63.6 44.1 66.1

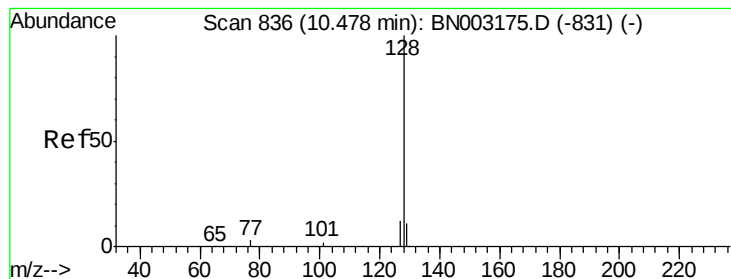


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.005 ng

RT: 10.54 min Scan# 841

Delta R.T. 0.06 min

Lab File: BN003192.D

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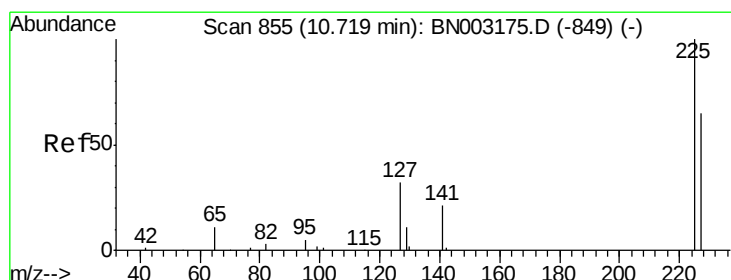
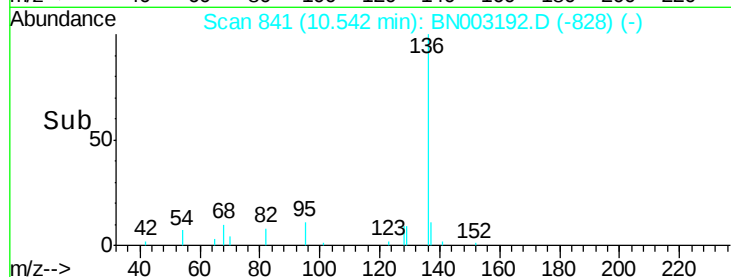
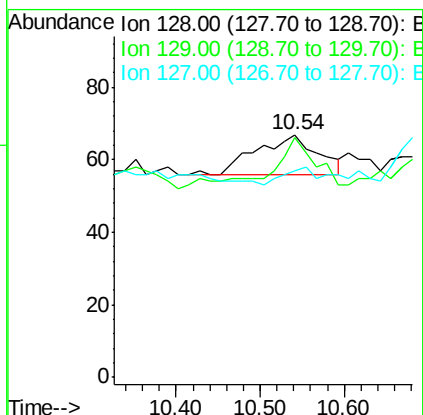
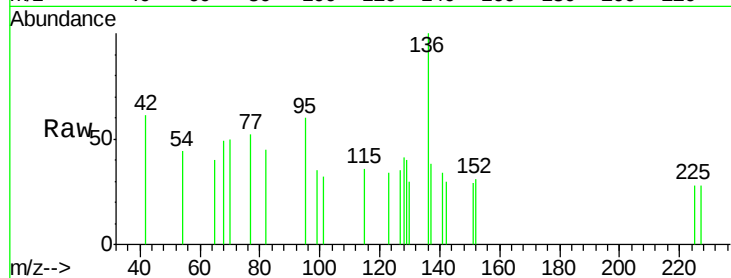
Tgt Ion:128 Resp: 56

Ion Ratio Lower Upper

128 100

129 98.5 9.8 14.6#

127 85.1 11.4 17.2#



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.76 min Scan# 858

Delta R.T. 0.04 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

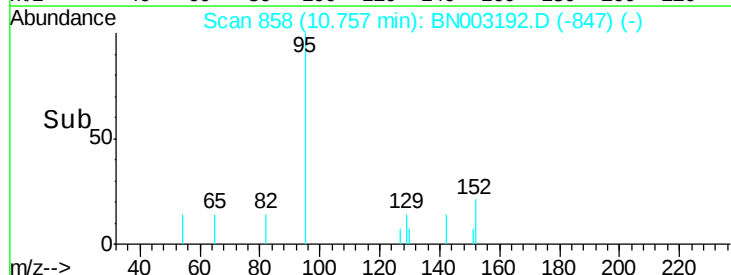
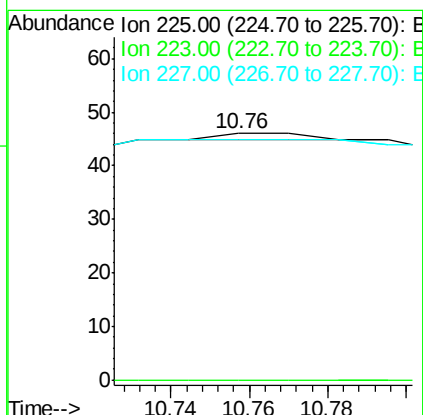
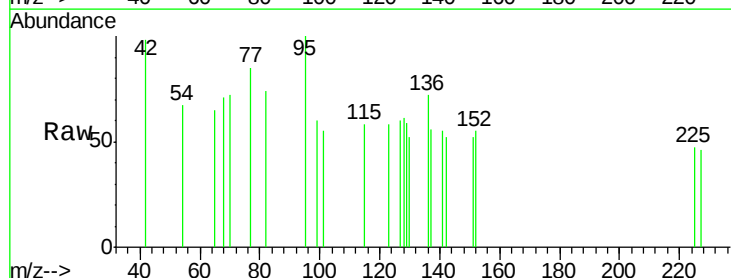
Tgt Ion:225 Resp: 2

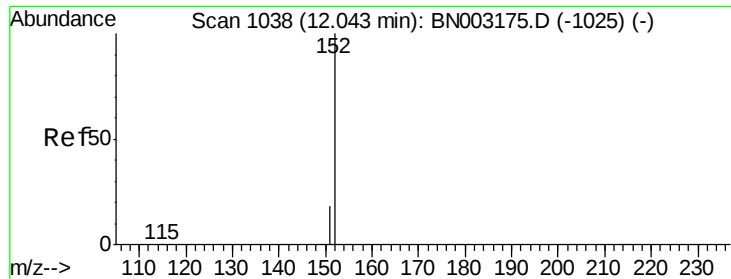
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 0.0 51.8 77.8#

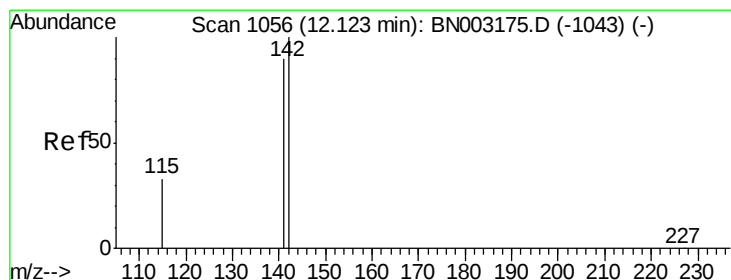
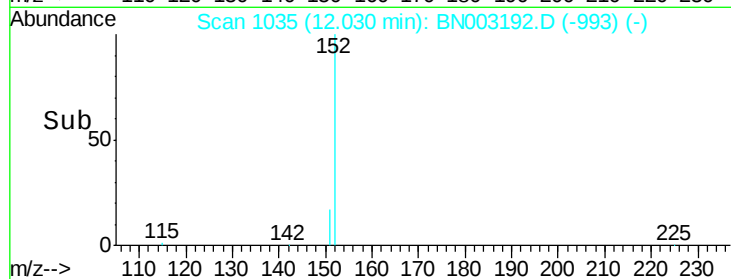
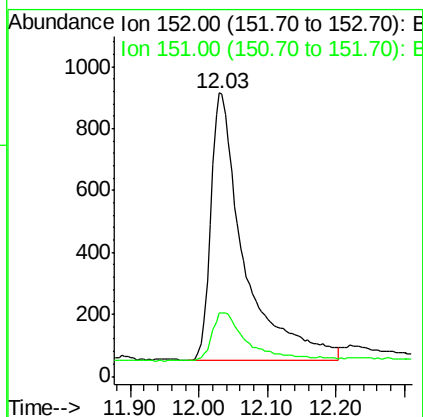
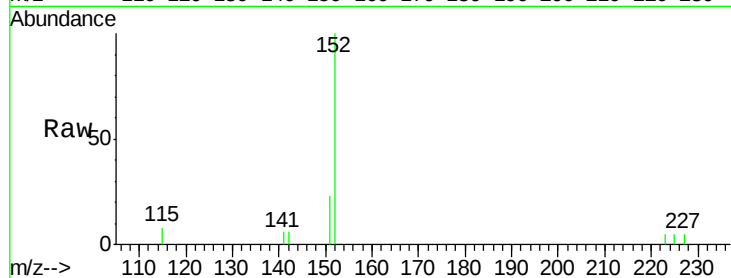




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.03 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN003192.D
Acq: 17 Oct 2018 22:23

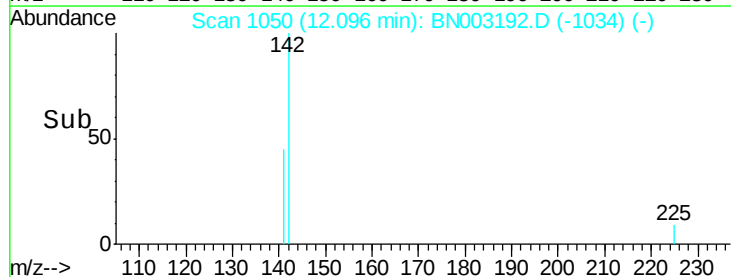
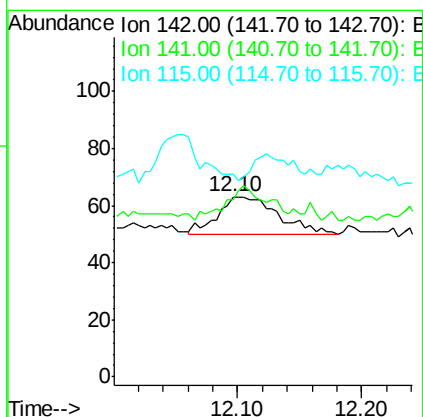
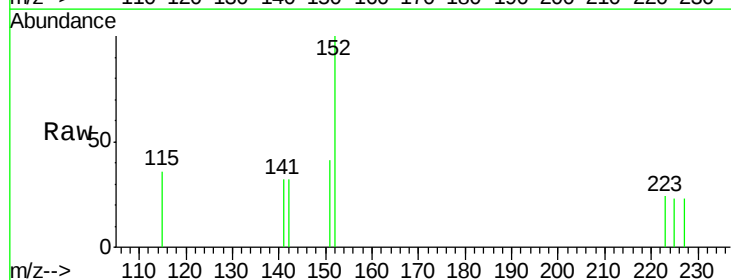
Instrument :
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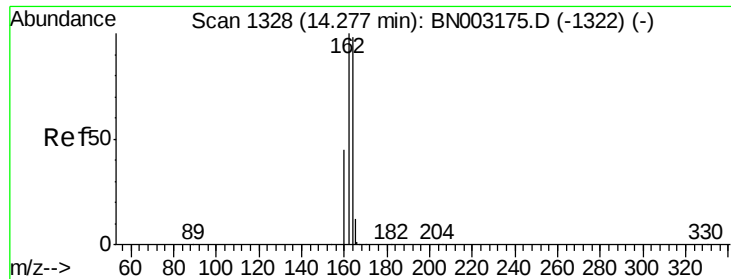
Tgt Ion:152 Resp: 2935
Ion Ratio Lower Upper
152 100
151 18.7 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.006 ng
RT: 12.10 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BN003192.D
Acq: 17 Oct 2018 22:23

Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
141 98.4 71.5 107.3
115 112.7 28.1 42.1#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

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ClientSampleId :

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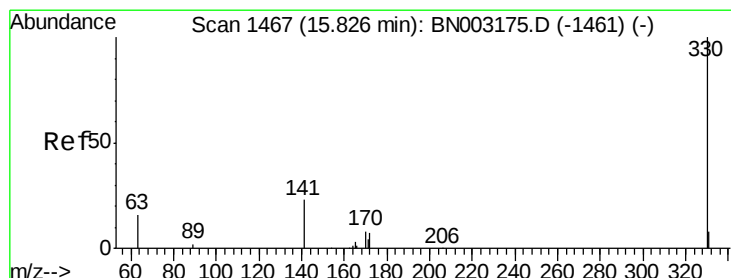
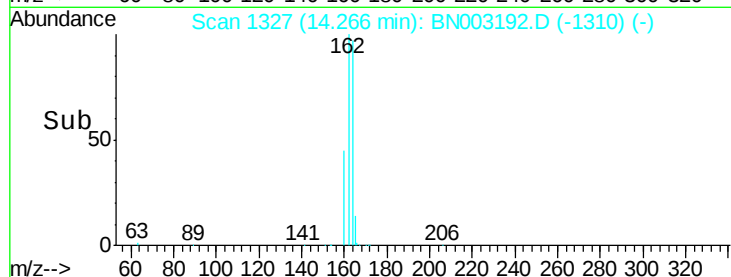
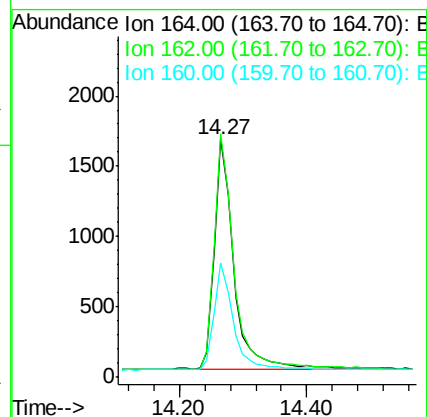
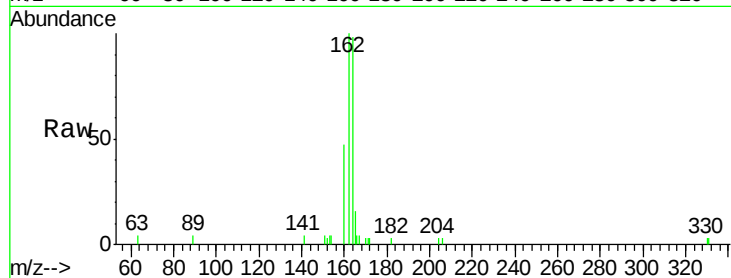
Tgt Ion:164 Resp: 3406

Ion Ratio Lower Upper

164 100

162 102.3 81.7 122.5

160 48.1 36.3 54.5



#14

2,4,6-Tribromophenol

Concen: 0.458 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

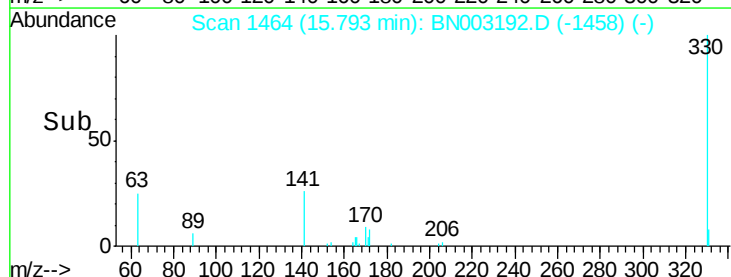
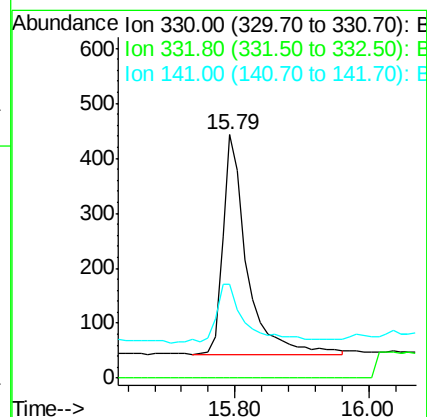
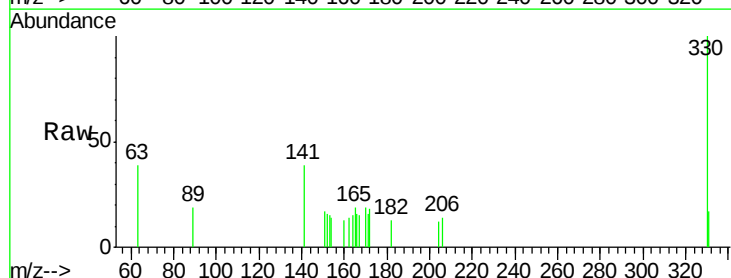
Tgt Ion:330 Resp: 994

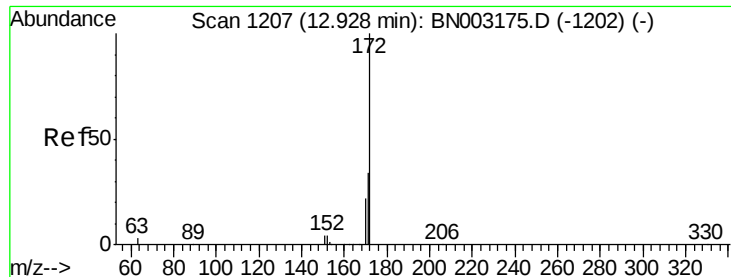
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.7 22.6 33.8

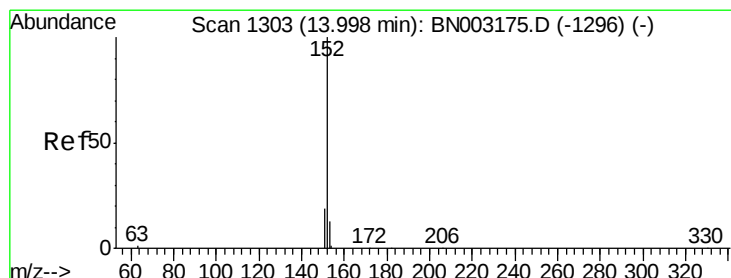
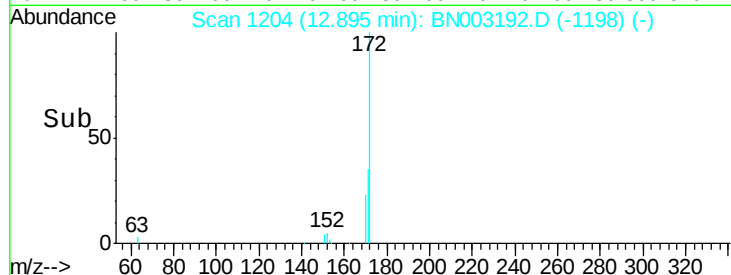
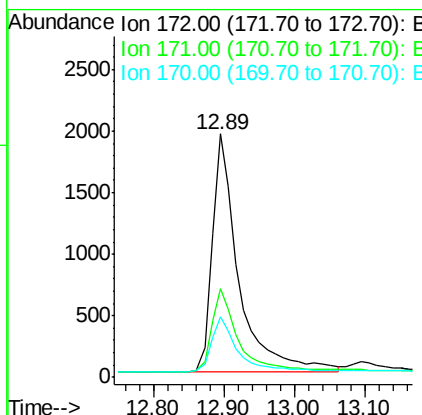
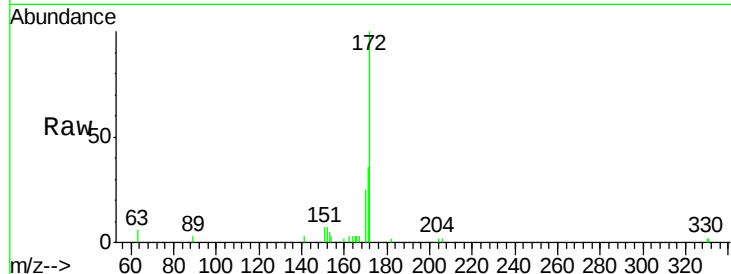




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BN003192.D
Acq: 17 Oct 2018 22:23

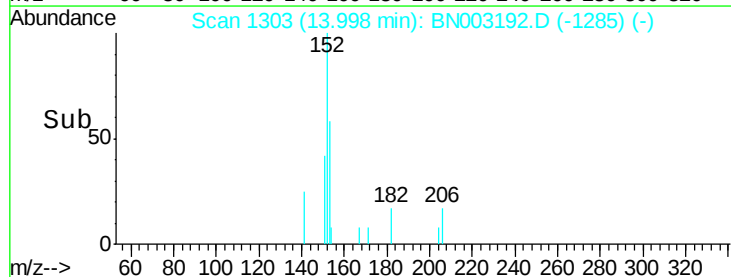
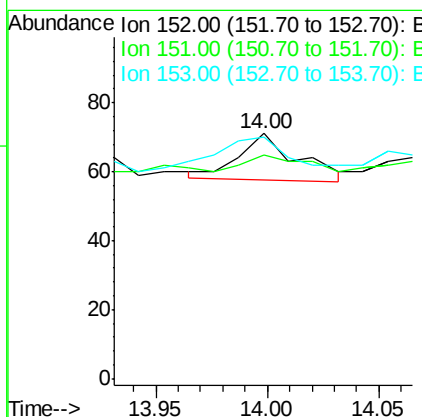
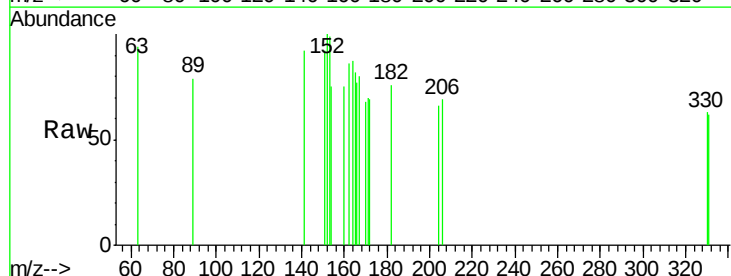
Instrument :
BNA_N
ClientSampleId :
KY038PS035-181008

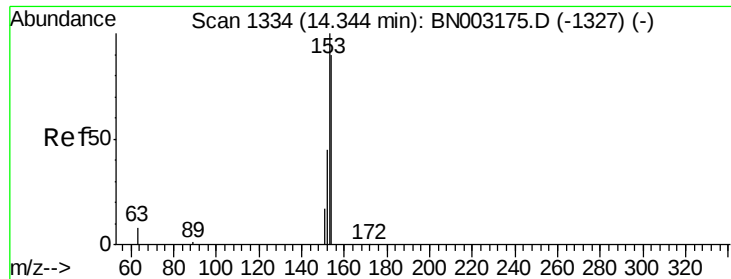
Tgt Ion:172 Resp: 5092
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 25.0 18.6 27.8



#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.00 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BN003192.D
Acq: 17 Oct 2018 22:23

Tgt Ion:152 Resp: 25
Ion Ratio Lower Upper
152 100
151 36.0 15.7 23.5#
153 92.0 10.6 16.0#





#17

Acenaphthene

Concen: 0.002 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008

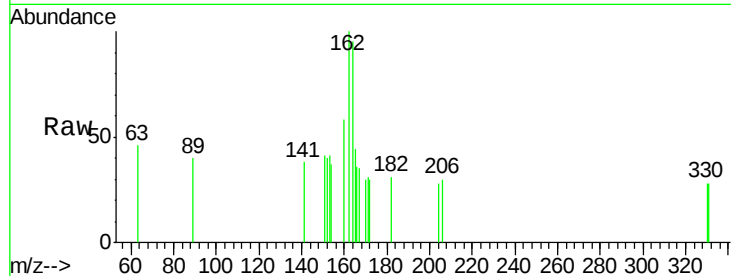
Tgt Ion:154 Resp: 19

Ion Ratio Lower Upper

154 100

153 47.4 91.0 136.4#

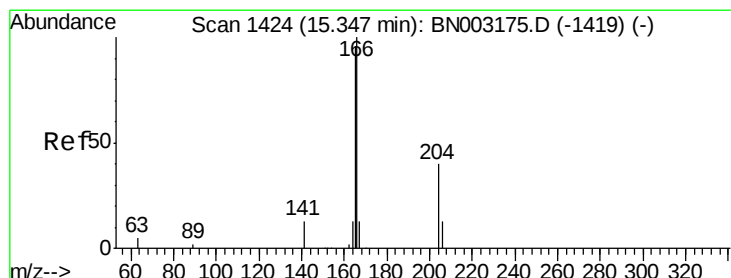
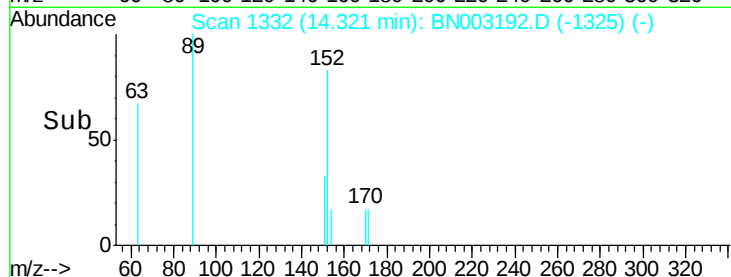
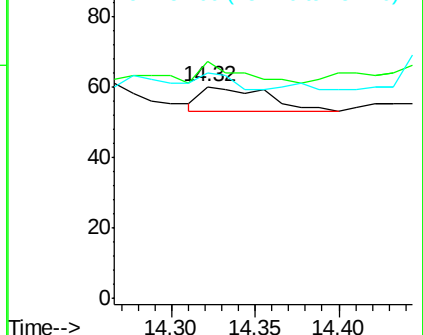
152 31.6 43.8 65.6#



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: 0.002 ng

RT: 15.35 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

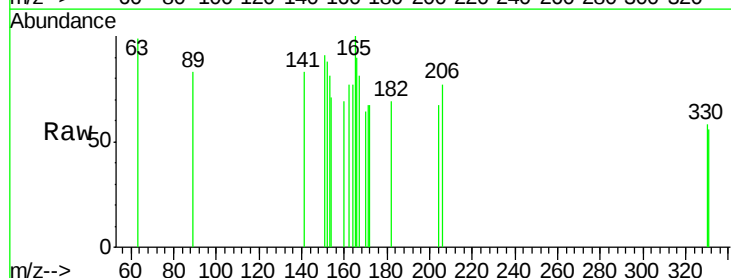
Tgt Ion:166 Resp: 32

Ion Ratio Lower Upper

166 100

165 109.4 78.2 117.2

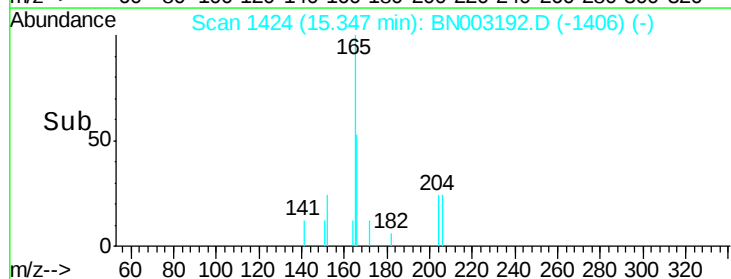
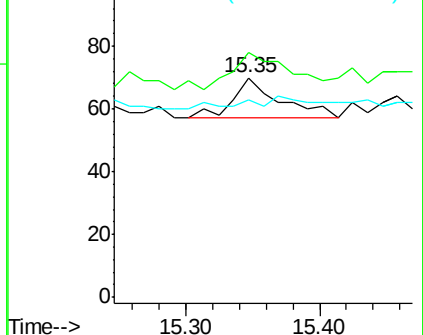
167 0.0 10.7 16.1#

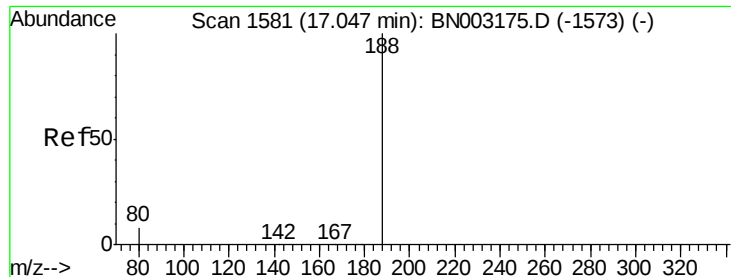


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.03 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008

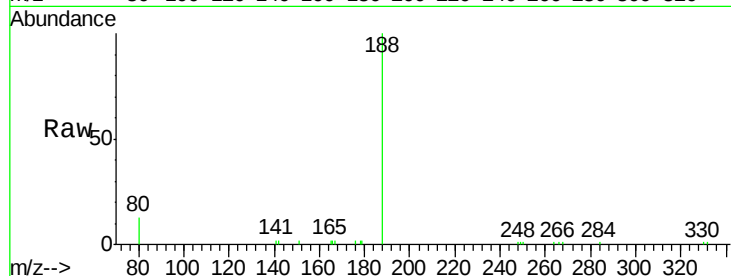
Tgt Ion:188 Resp: 9304

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

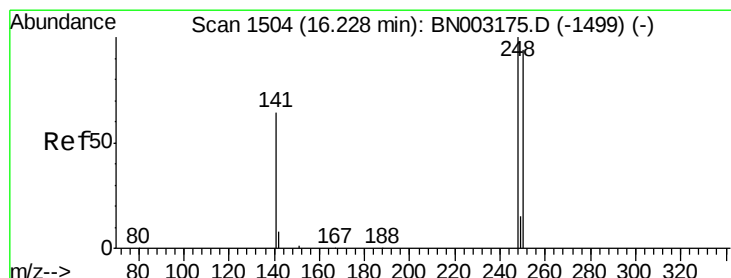
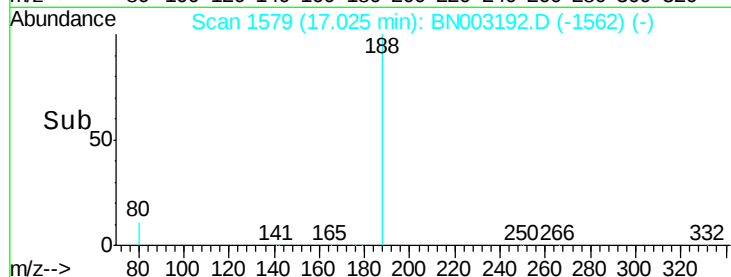
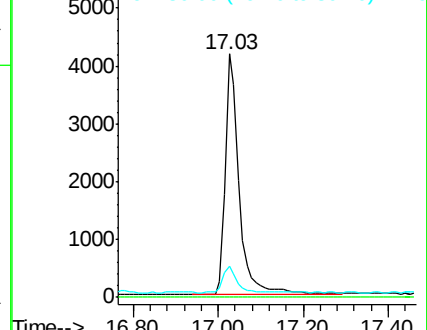
80 13.0 6.7 10.1#



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: 0.001 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

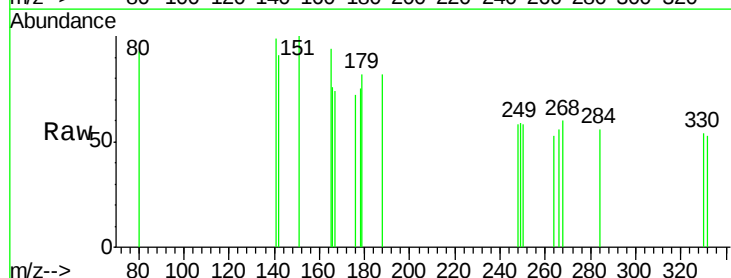
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 100.0 78.9 118.3

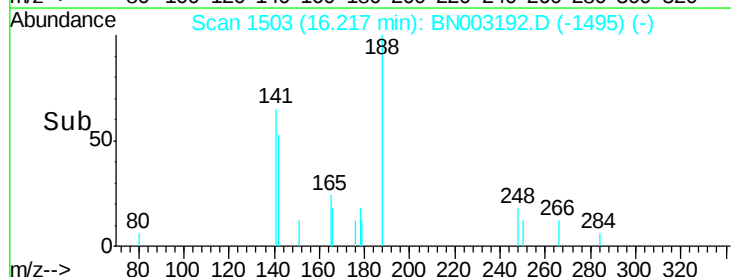
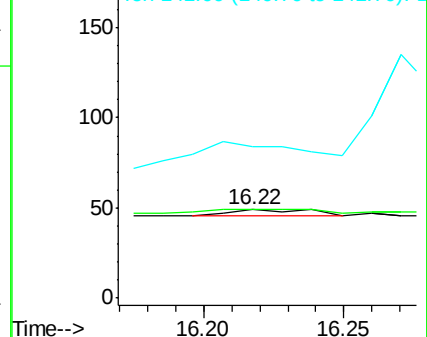
141 171.4 48.5 72.7#

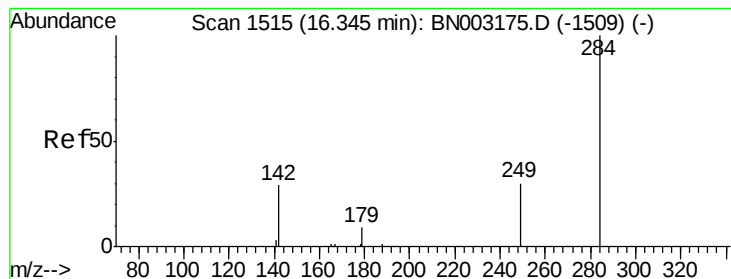


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.31 min Scan# 1512

Delta R.T. -0.03 min

Lab File: BN003192.D

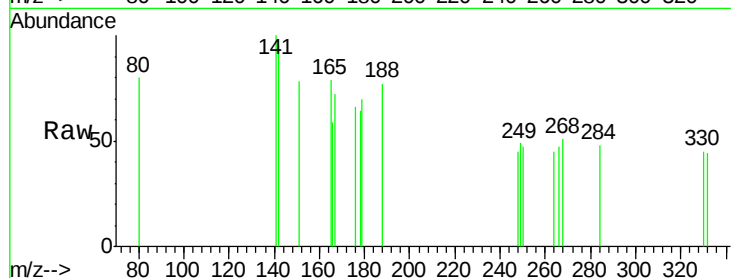
Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008



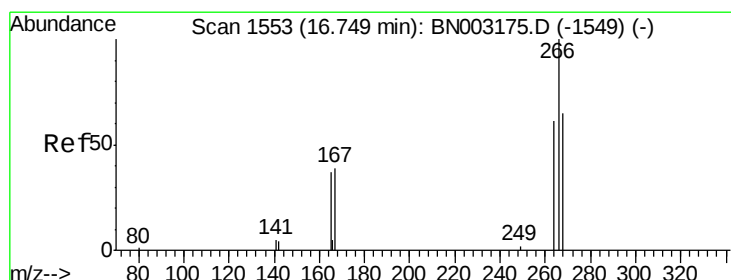
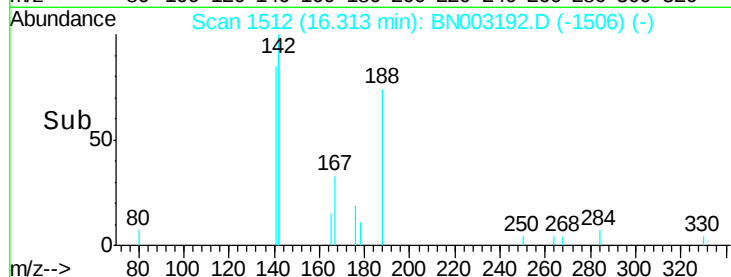
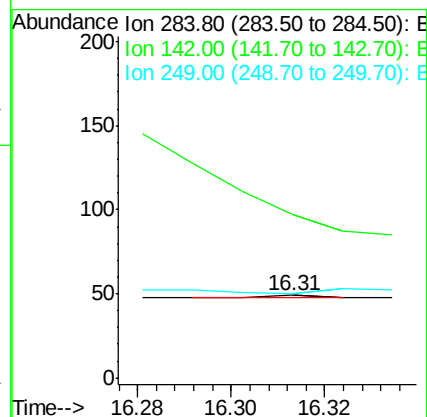
Tgt Ion:284 Resp: 1

Ion Ratio Lower Upper

284 100

142 0.0 24.6 37.0#

249 400.0 22.3 33.5#



#22

Pentachlorophenol

Concen: 0.094 ng

RT: 16.74 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

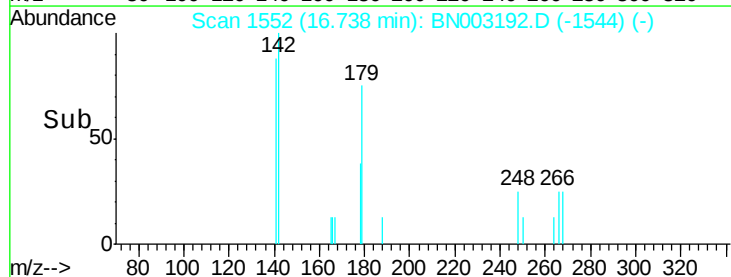
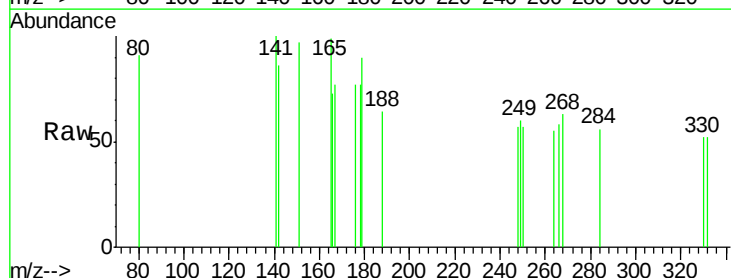
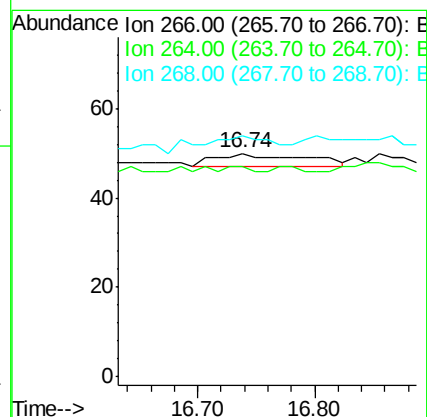
Tgt Ion:266 Resp: 15

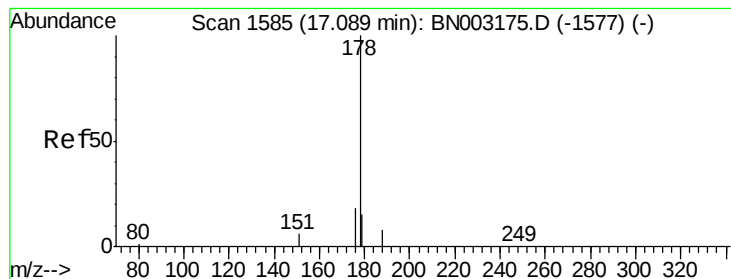
Ion Ratio Lower Upper

266 100

264 94.0 55.0 82.4#

268 108.0 60.6 91.0#





#23

Phenanthrene

Concen: 0.007 ng

RT: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008

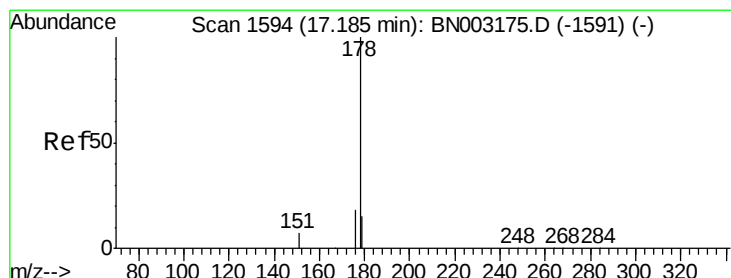
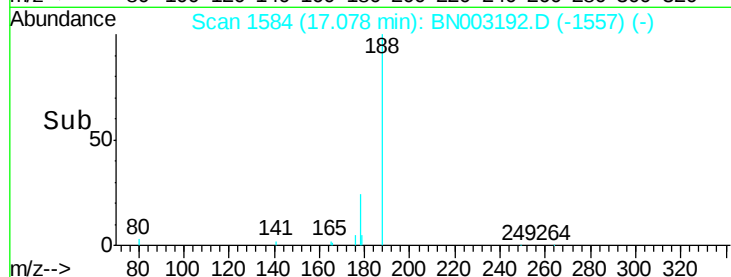
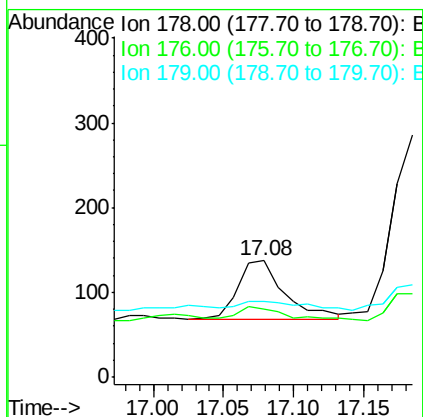
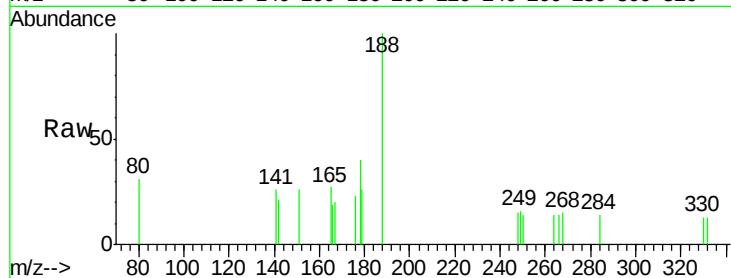
Tgt Ion:178 Resp: 163

Ion Ratio Lower Upper

178 100

176 27.6 14.9 22.3#

179 20.2 12.3 18.5#



#24

Anthracene

Concen: 0.022 ng

RT: 17.18 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

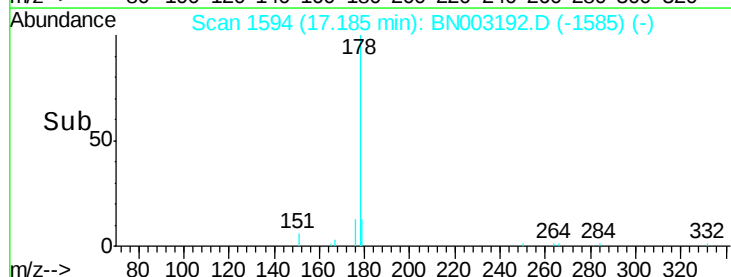
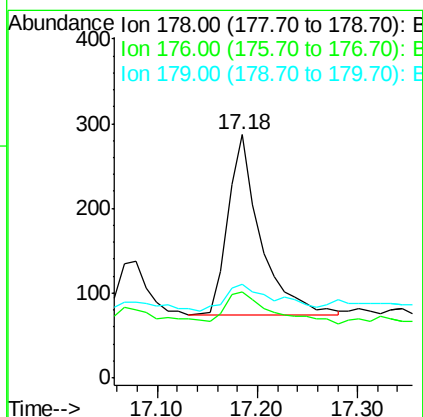
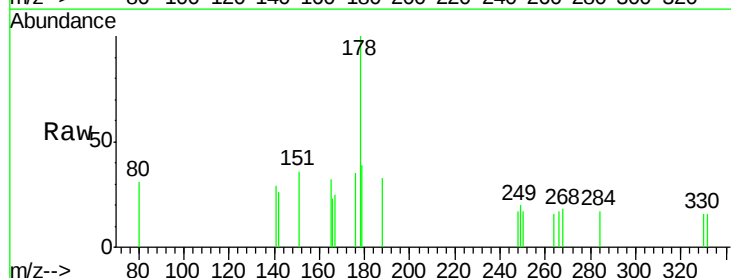
Tgt Ion:178 Resp: 480

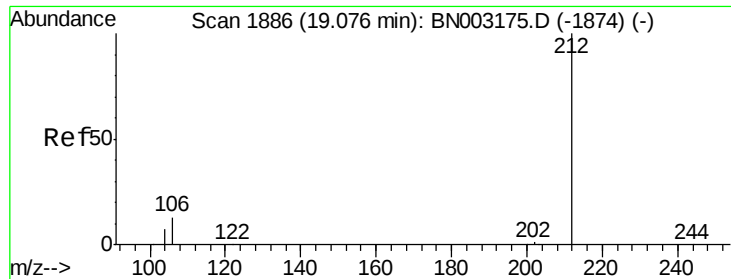
Ion Ratio Lower Upper

178 100

176 24.0 14.6 22.0#

179 21.9 12.3 18.5#





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.07 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008

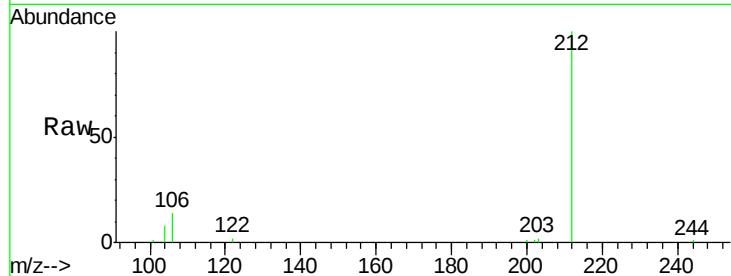
Tgt Ion:212 Resp: 11343

Ion Ratio Lower Upper

212 100

106 13.6 10.2 15.4

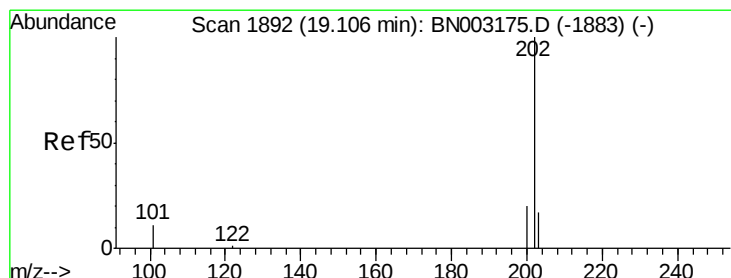
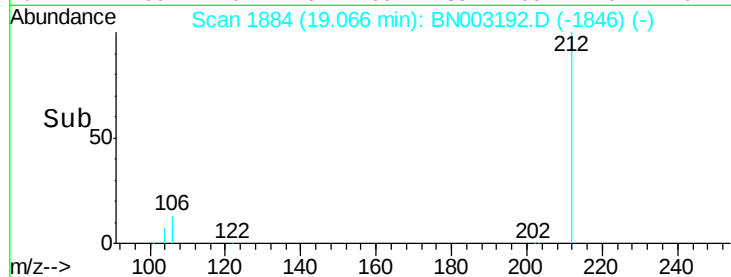
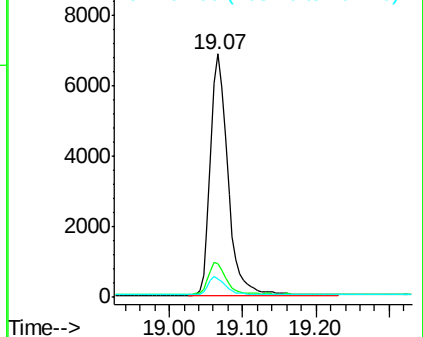
104 7.2 5.8 8.6



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: 0.004 ng

RT: 19.10 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

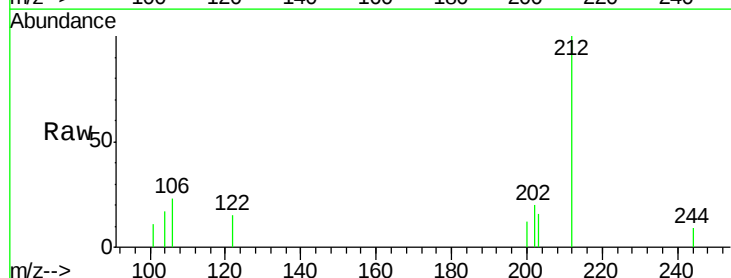
Tgt Ion:202 Resp: 125

Ion Ratio Lower Upper

202 100

101 0.0 8.6 12.8#

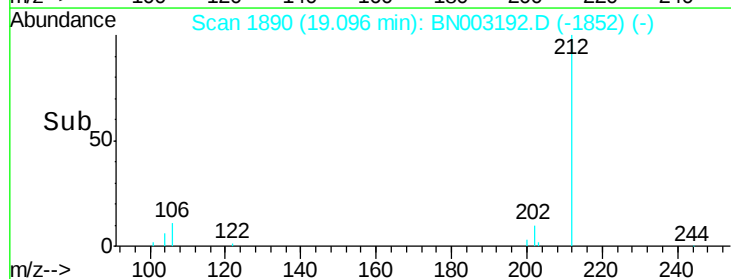
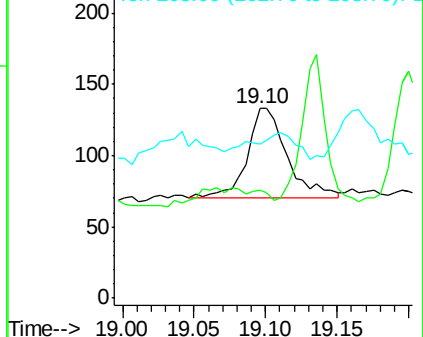
203 34.4 13.7 20.5#

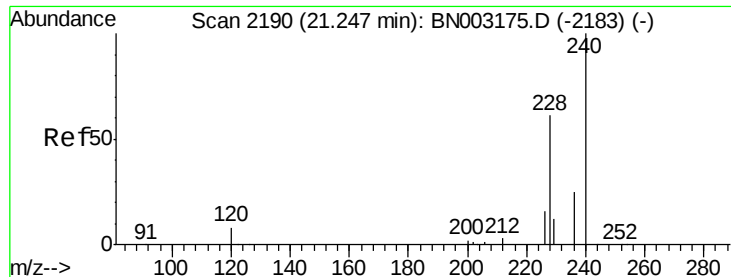


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008

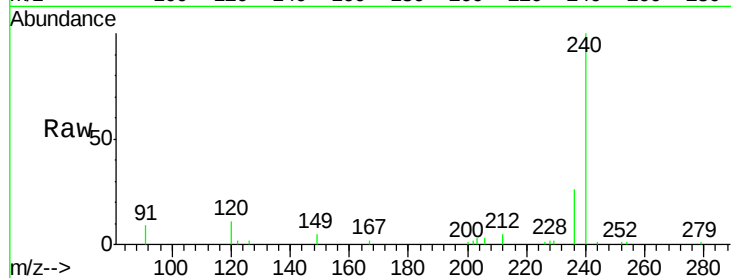
Tgt Ion:240 Resp: 11580

Ion Ratio Lower Upper

240 100

120 11.4 7.8 11.8

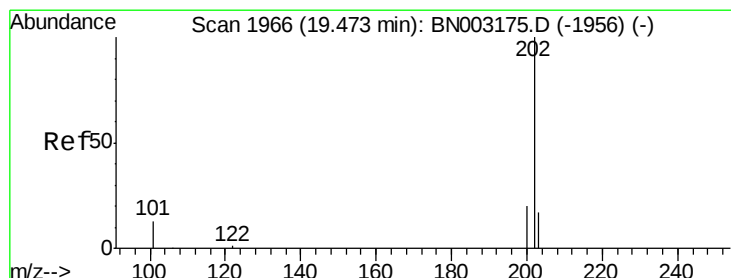
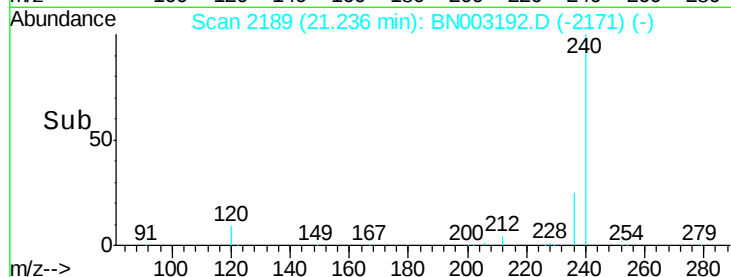
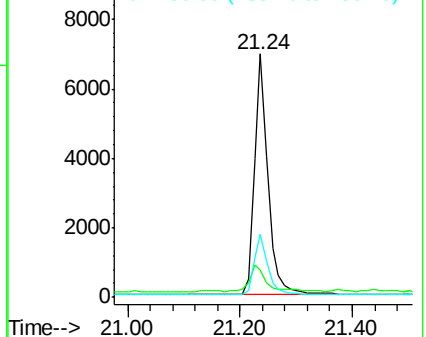
236 26.0 21.0 31.4



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: 0.004 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

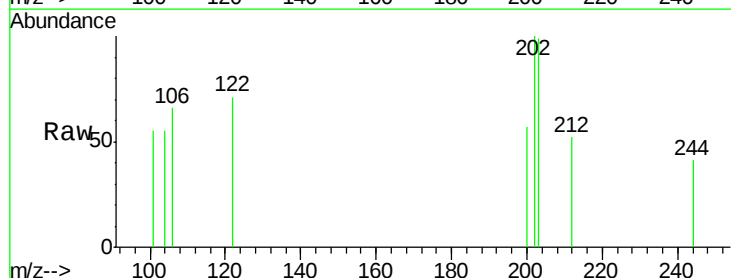
Tgt Ion:202 Resp: 139

Ion Ratio Lower Upper

202 100

200 30.9 16.3 24.5#

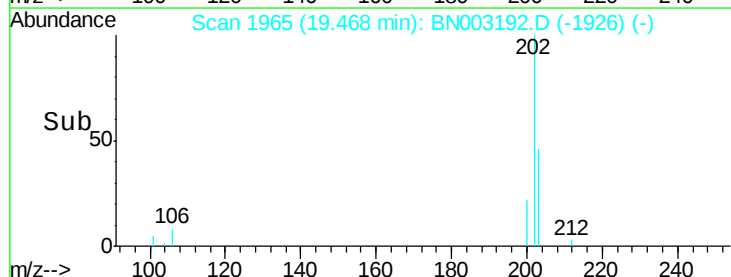
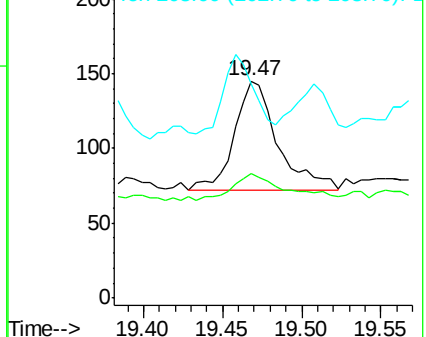
203 51.1 14.2 21.2#

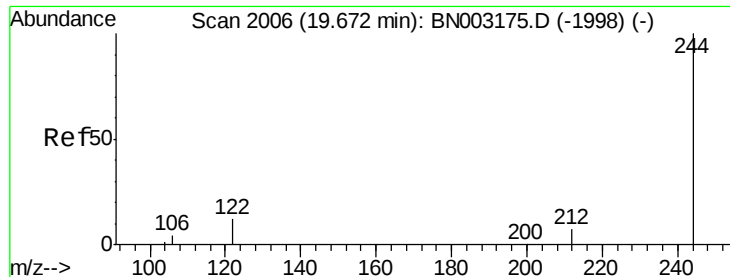


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.533 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008

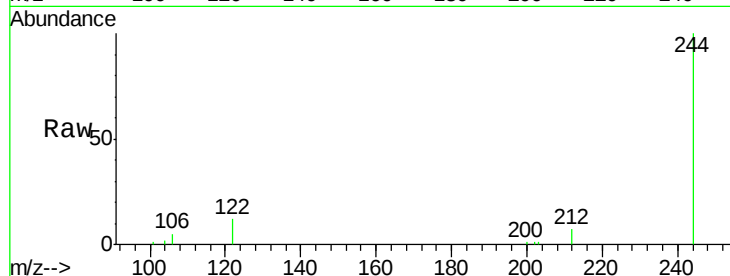
Tgt Ion:244 Resp: 13381

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

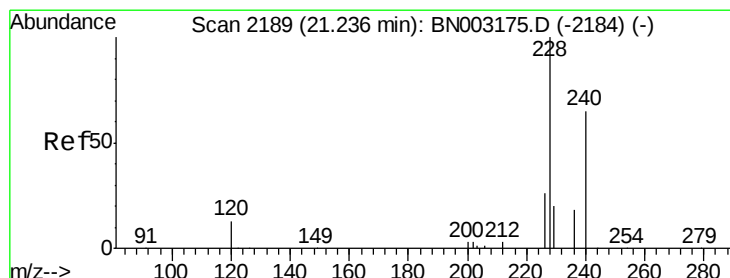
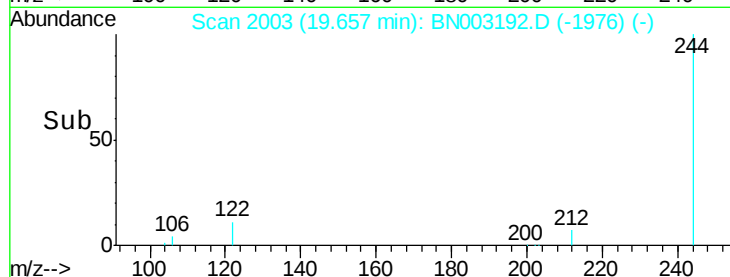
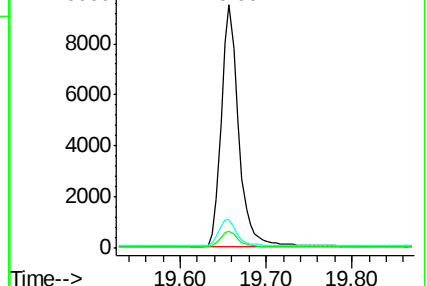
122 11.7 9.1 13.7



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: 0.005 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

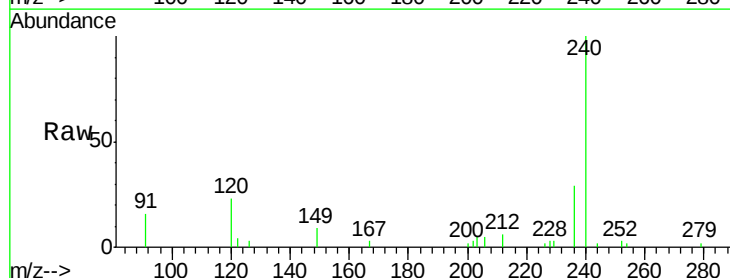
Tgt Ion:228 Resp: 146

Ion Ratio Lower Upper

228 100

226 66.7 21.4 32.2#

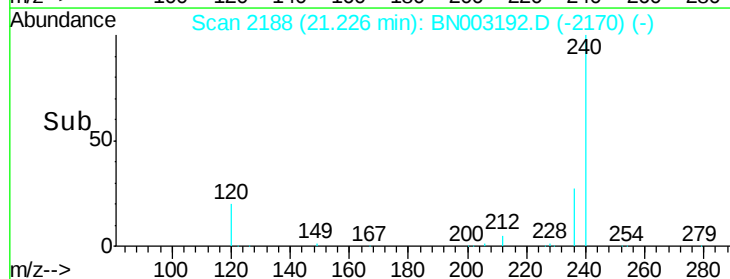
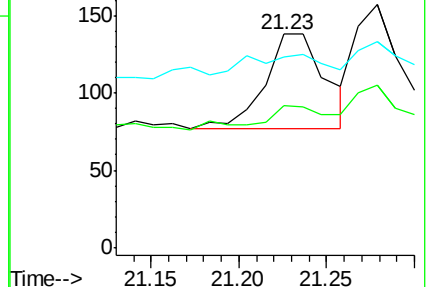
229 89.1 16.4 24.6#

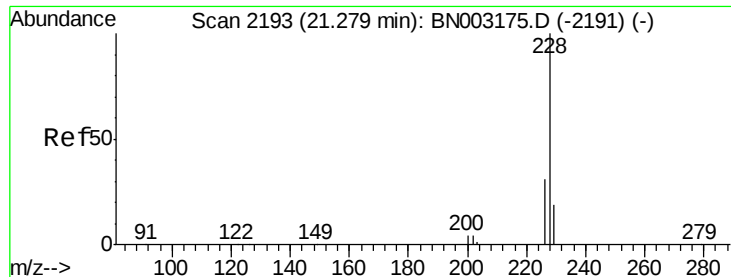


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.004 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008

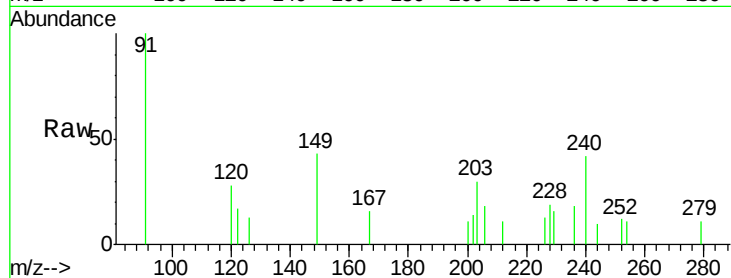
Tgt Ion:228 Resp: 154

Ion Ratio Lower Upper

228 100

226 66.9 23.1 34.7#

229 84.7 15.9 23.9#



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

21.28

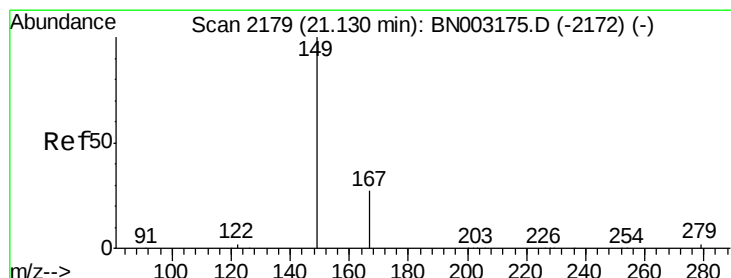
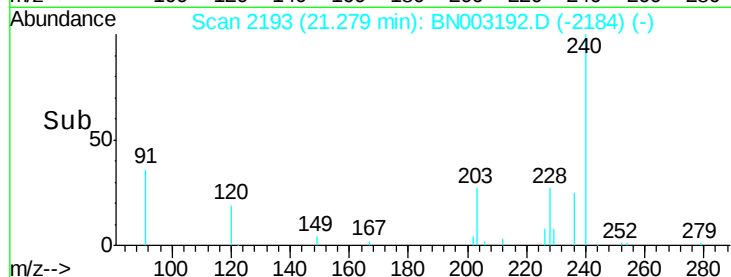
150

100

50

0

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

RT: 21.12 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

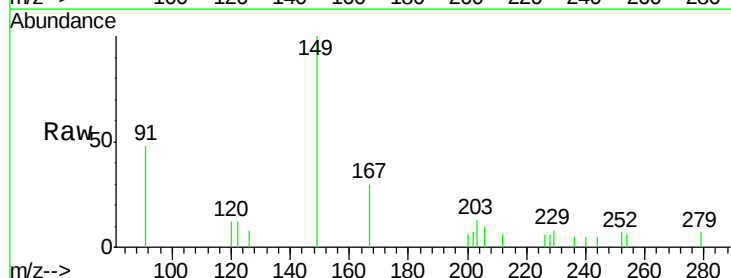
Tgt Ion:149 Resp: 1399

Ion Ratio Lower Upper

149 100

167 29.7 22.2 33.4

279 5.2 3.7 5.5



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

21.12

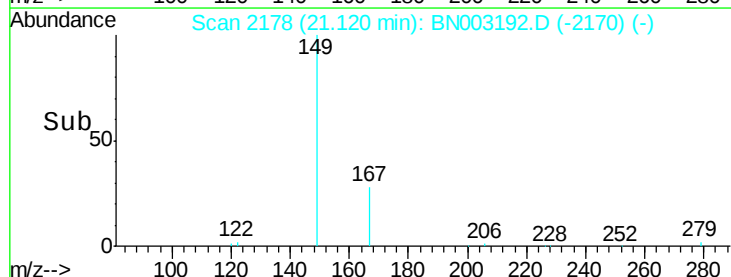
1500

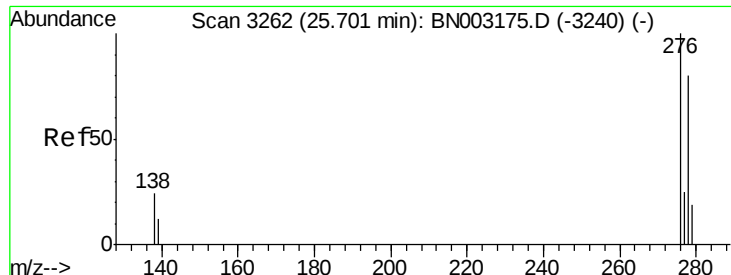
1000

500

0

Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 25.65 min Scan# 3247

Delta R.T. -0.05 min

Lab File: BN003192.D

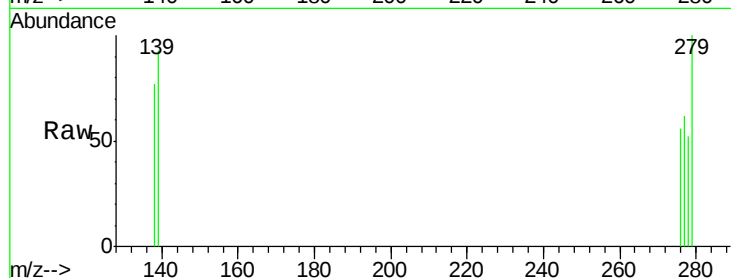
Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008



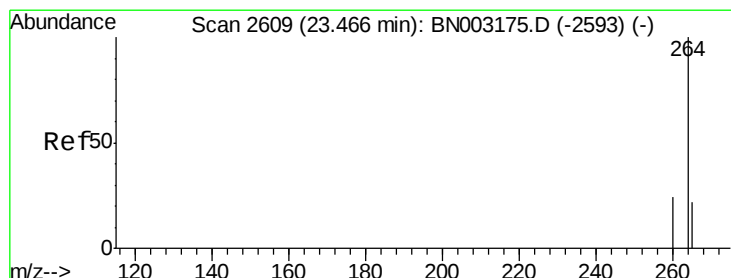
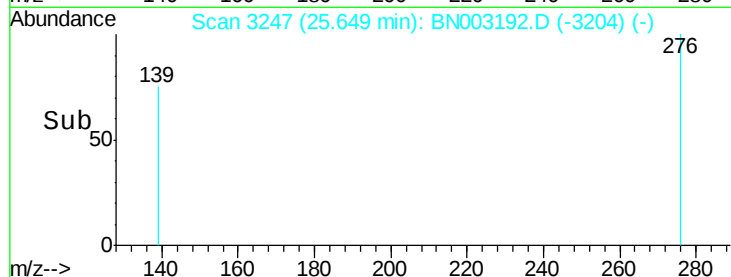
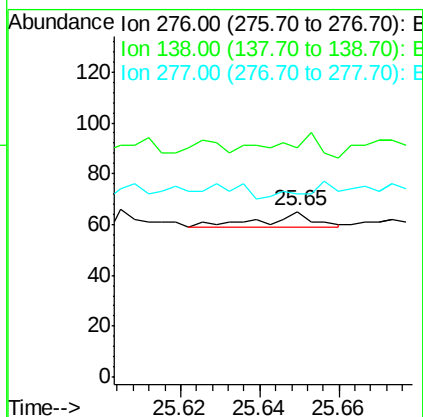
Tgt Ion:276 Resp: 5

Ion Ratio Lower Upper

276 100

138 100.0 18.2 27.4#

277 60.0 20.2 30.4#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.45 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

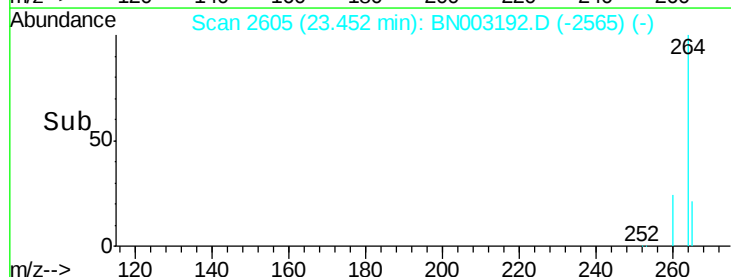
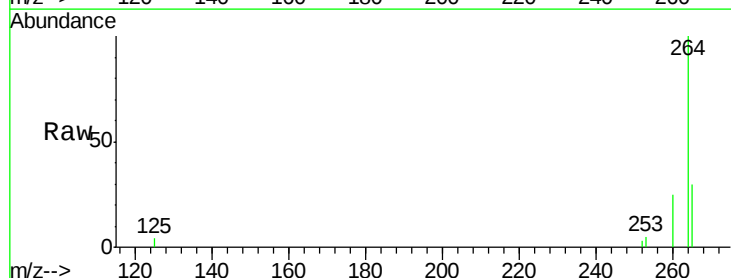
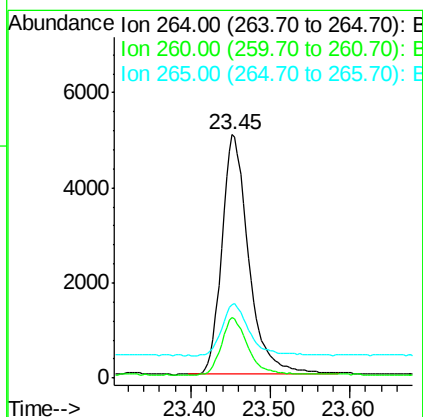
Tgt Ion:264 Resp: 11932

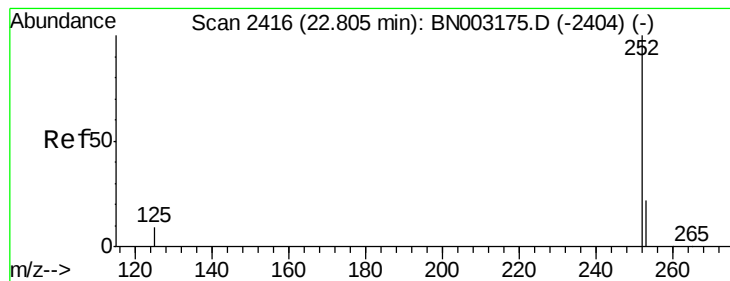
Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 30.2 27.6 41.4





#35

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 22.81 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008

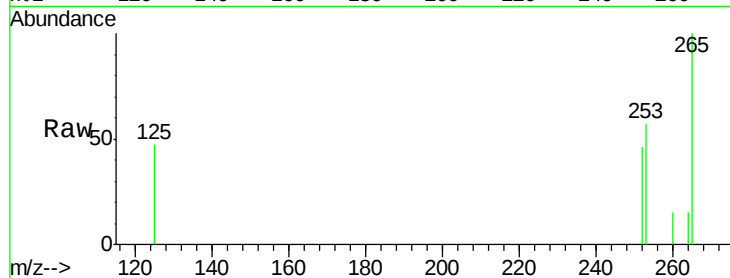
Tgt Ion:252 Resp: 170

Ion Ratio Lower Upper

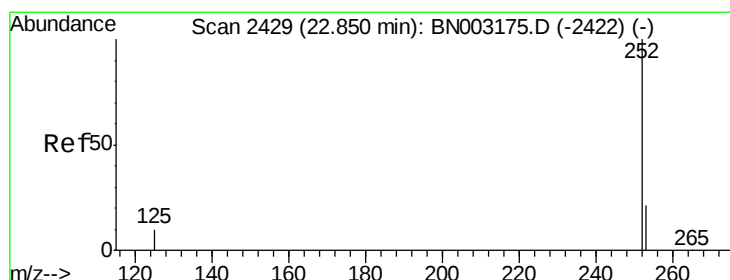
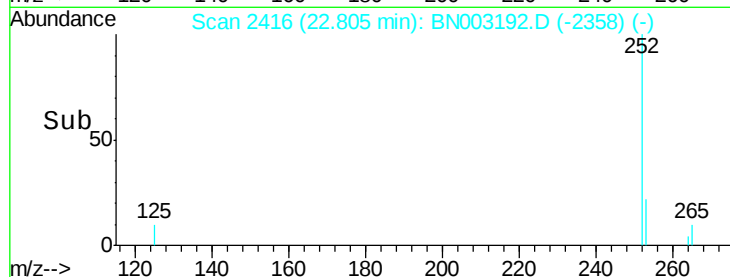
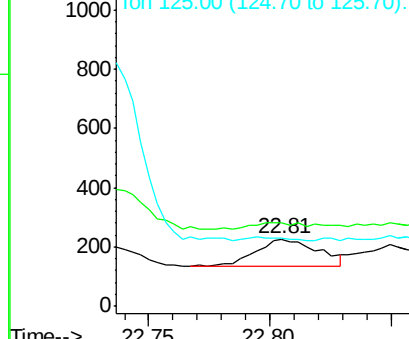
252 100

253 123.3 20.8 31.2#

125 102.2 9.6 14.4#



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: 0.004 ng

RT: 22.85 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

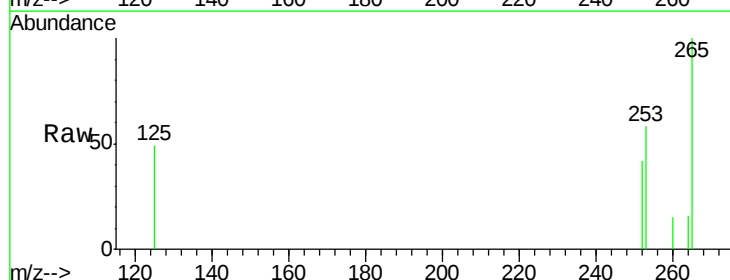
Tgt Ion:252 Resp: 134

Ion Ratio Lower Upper

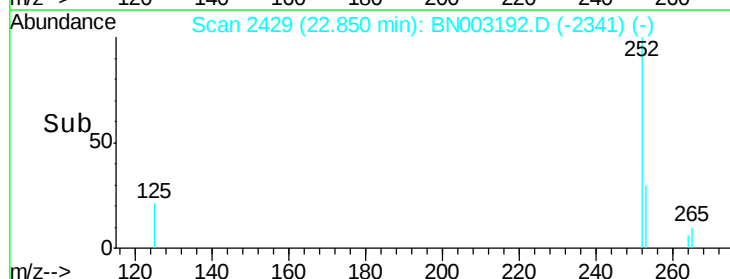
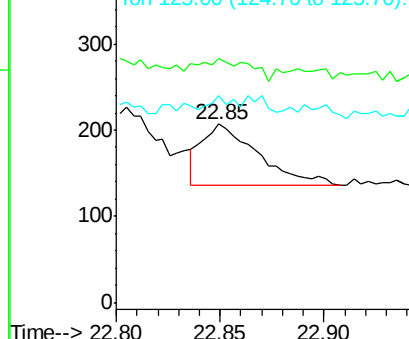
252 100

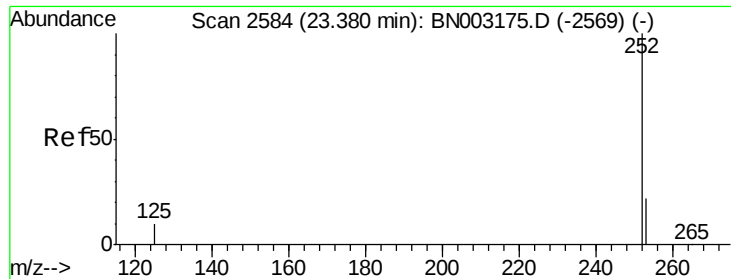
253 136.7 20.5 30.7#

125 115.9 9.4 14.0#



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: 0.001 ng

RT: 23.37 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BN003192.D

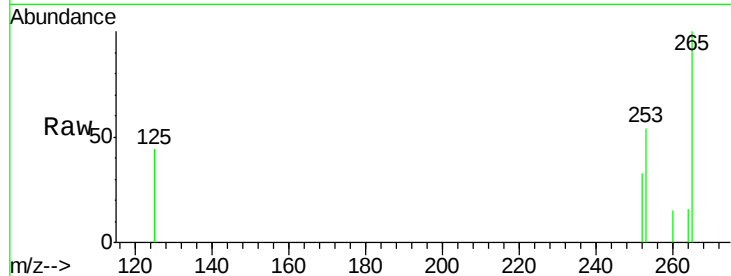
Acq: 17 Oct 2018 22:23

Instrument :

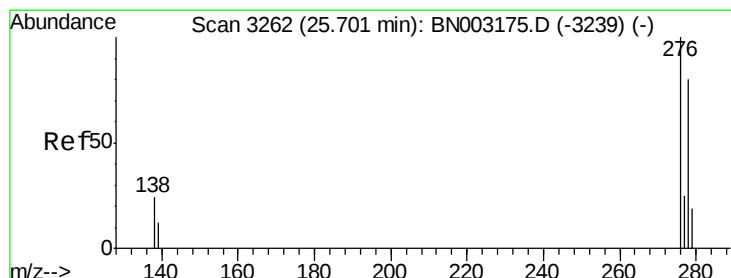
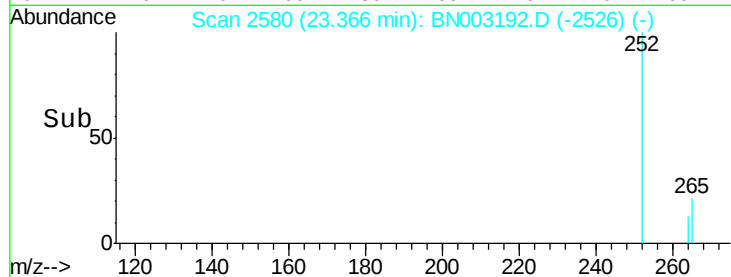
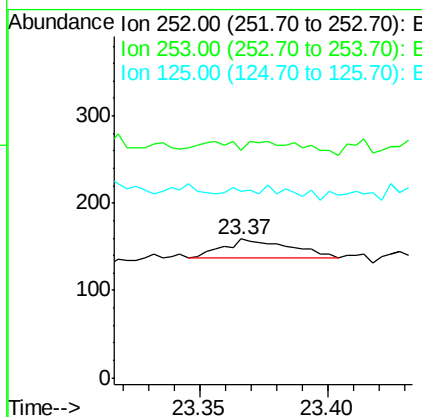
BNA_N

ClientSampleId :

KY038PS035-181008



Tgt Ion:	252	Resp:	39
Ion	Ratio	Lower	Upper
252	100		
253	164.2	22.4	33.6#
125	134.0	11.4	17.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

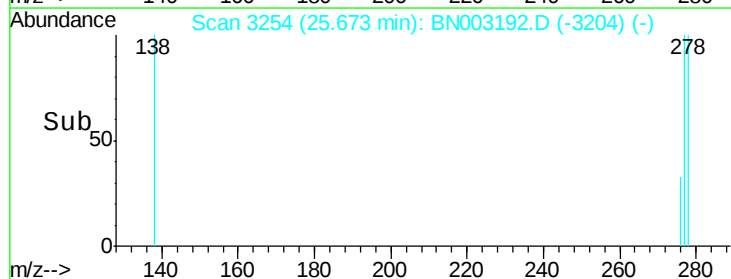
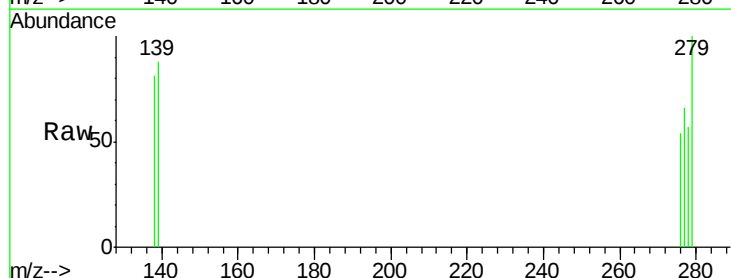
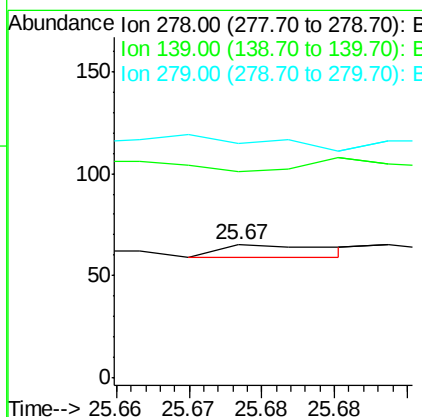
RT: 25.67 min Scan# 3254

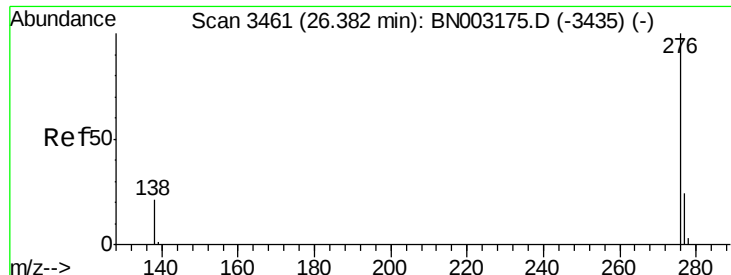
Delta R.T. -0.03 min

Lab File: BN003192.D

Acq: 17 Oct 2018 22:23

Tgt Ion:	278	Resp:	3
Ion	Ratio	Lower	Upper
278	100		
139	155.4	14.6	21.8#
279	176.9	23.1	34.7#





#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 26.39 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BN003192.D

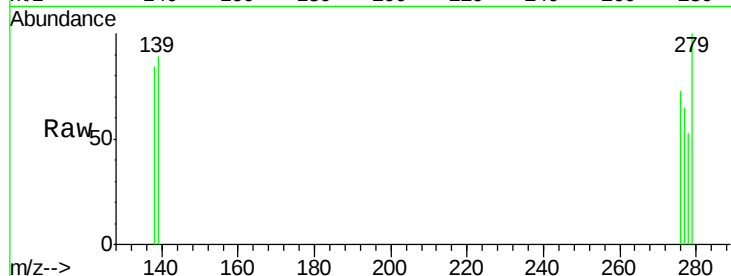
Acq: 17 Oct 2018 22:23

Instrument :

BNA_N

ClientSampleId :

KY038PS035-181008



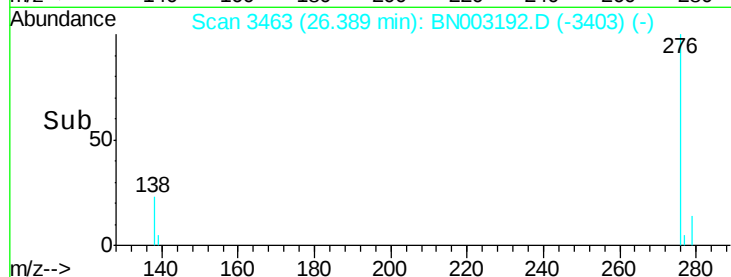
Tgt Ion: 276 Resp: 58

Ion Ratio Lower Upper

276 100

277 89.2 21.0 31.4#

138 115.7 18.1 27.1#



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

