

Data File : BN007233.D
Acq On : 16 Aug 2019 21:13
Operator : HP/JU
Sample : K4336-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190812

Quant Time: Aug 17 01:00:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

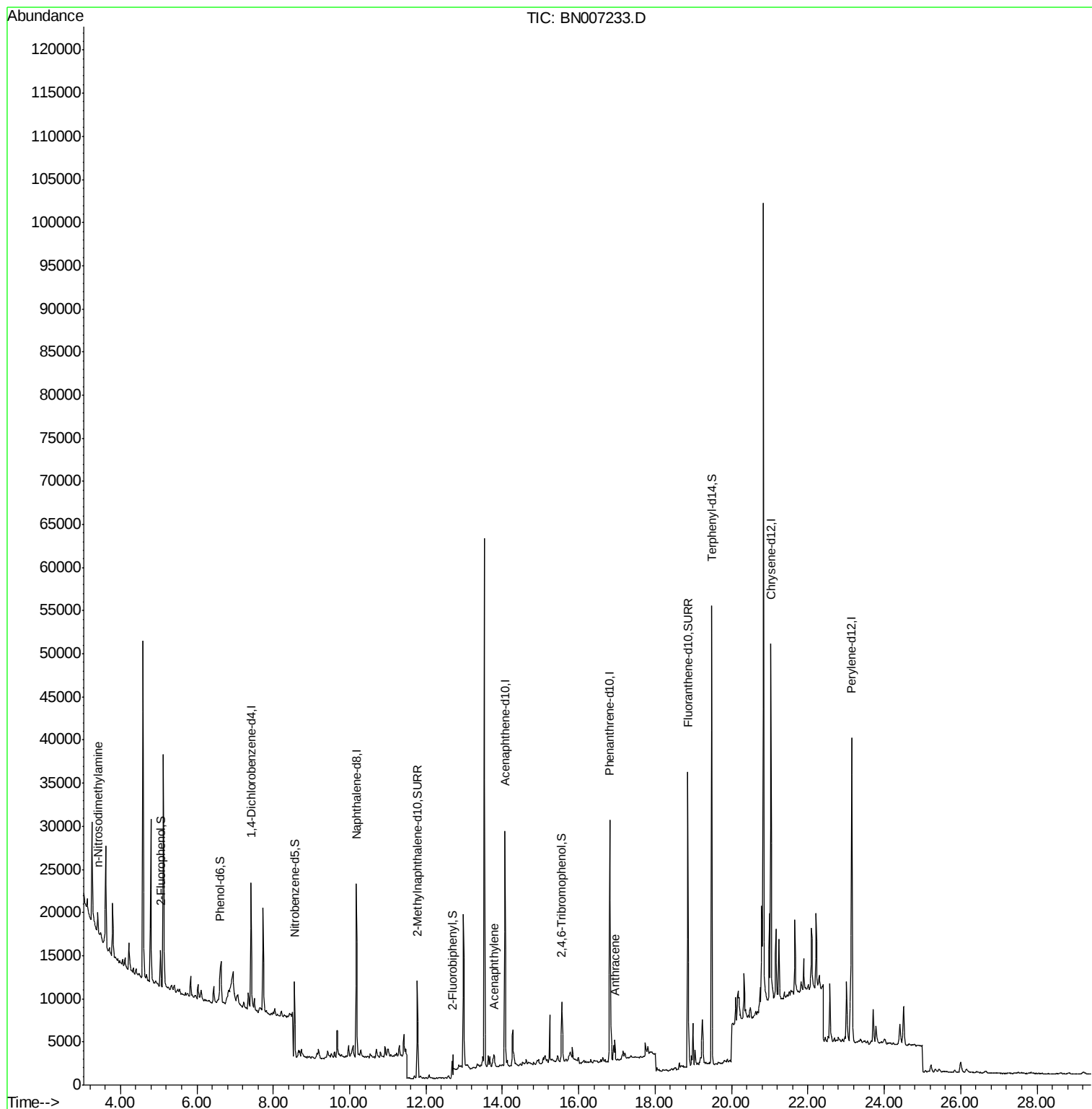
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	7057	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	26868	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	15267	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	36436	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	36748	0.40	ng	-0.02
32) Perylene-d12	23.15	264	42067	0.40	ng	-0.02
System Monitoring Compounds						
3) 2-Fluorophenol	5.05	112	3441	0.20	ng	0.00
4) Phenol-d6	6.61	99	2739	0.13	ng	0.00
7) Nitrobenzene-d5	8.55	82	7599	0.35	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	15972	0.32	ng	-0.02
13) 2,4,6-Tribromophenol	15.56	330	5041	0.61	ng	-0.01
14) 2-Fluorobiphenyl	12.71	172	1163	0.05	ng	0.00
24) Fluoranthene-d10	18.86	212	40620	0.31	ng	-0.02
28) Terphenyl-d14	19.48	244	52381	0.52	ng	-0.02
Target Compounds						
2) n-Nitrosodimethylamine	3.40	42	218	0.047	ng	# 4
15) Acenaphthylene	13.78	152	3238	0.041	ng	# 93
23) Anthracene	16.95	178	2511	0.025	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.42 min Scan# 545

Delta R.T. -0.02 min

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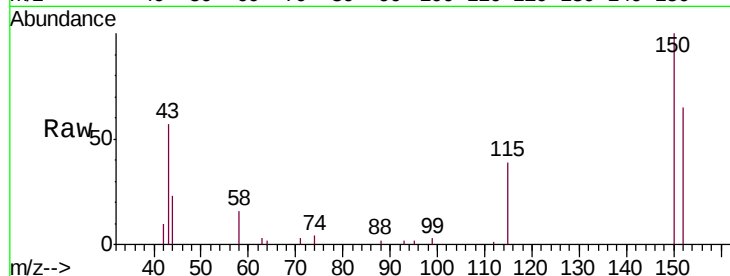
Tgt Ion:152 Resp: 7057

Ion Ratio Lower Upper

152 100

150 154.4 121.7 182.5

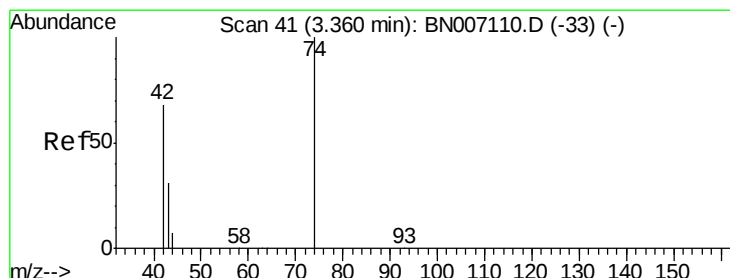
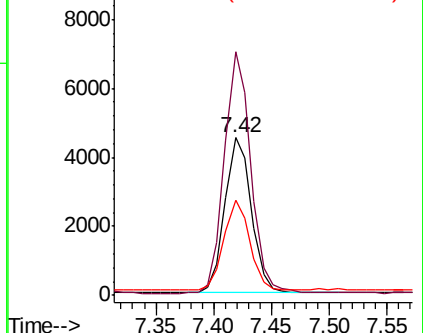
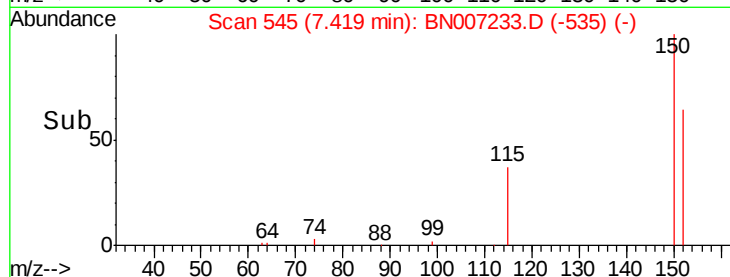
115 60.0 46.2 69.4



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

n-Nitrosodimethylamine

Concen: 0.047 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.04 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

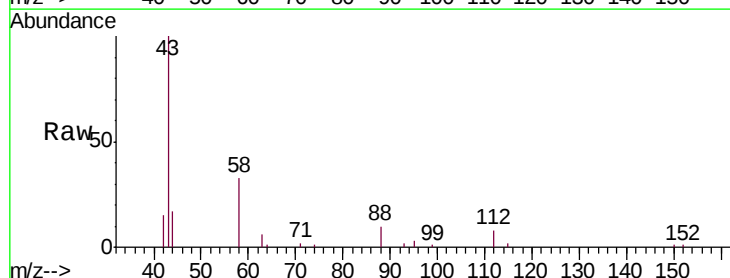
Tgt Ion: 42 Resp: 218

Ion Ratio Lower Upper

42 100

74 22.5 110.6 166.0#

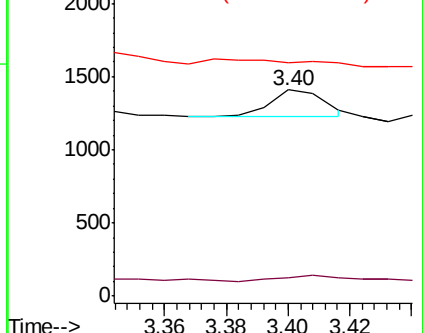
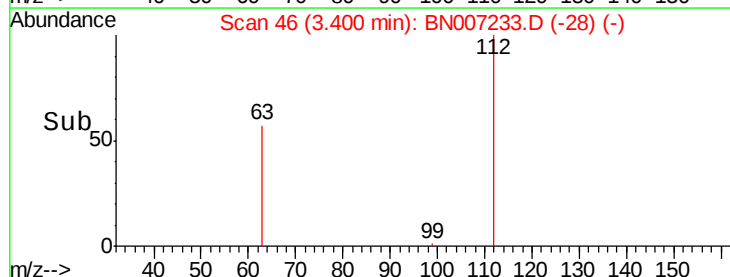
44 0.0 0.0 0.0

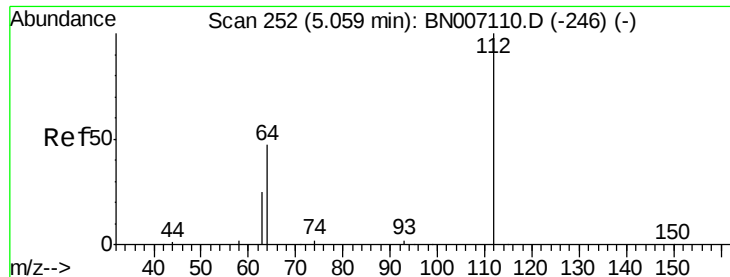


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#3

2-Fluorophenol

Concen: 0.203 ng

RT: 5.05 min Scan# 251

Delta R.T. -0.01 min

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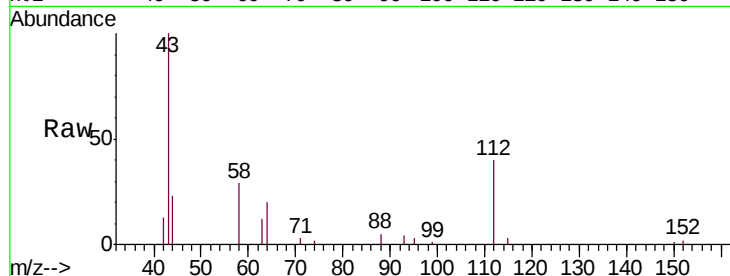
Tgt Ion: 112 Resp: 3441

Ion Ratio Lower Upper

112 100

64 50.6 42.6 63.8

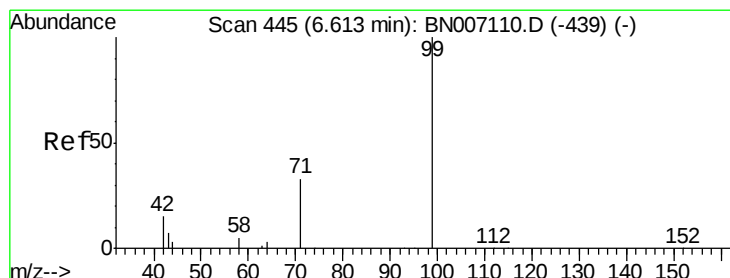
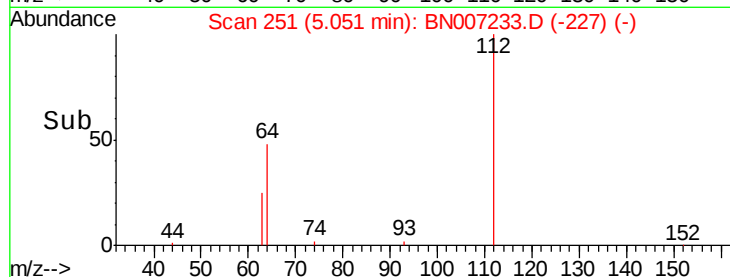
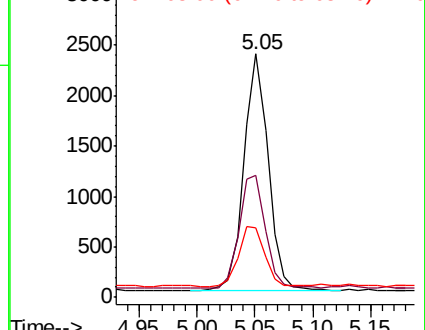
63 26.9 22.2 33.2



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



#4

Phenol-d6

Concen: 0.130 ng

RT: 6.61 min Scan# 444

Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

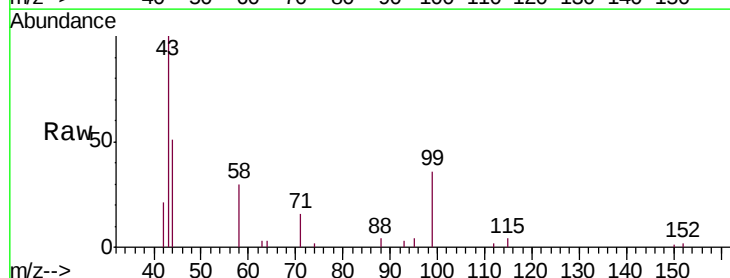
Tgt Ion: 99 Resp: 2739

Ion Ratio Lower Upper

99 100

42 52.6 15.8 23.6#

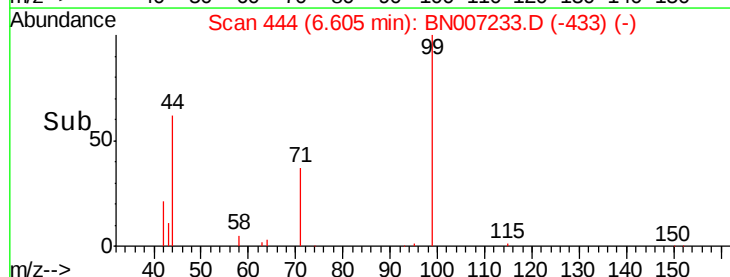
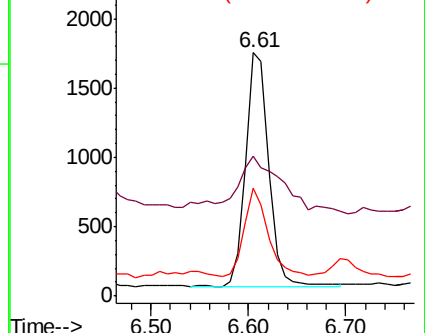
71 39.1 27.0 40.4

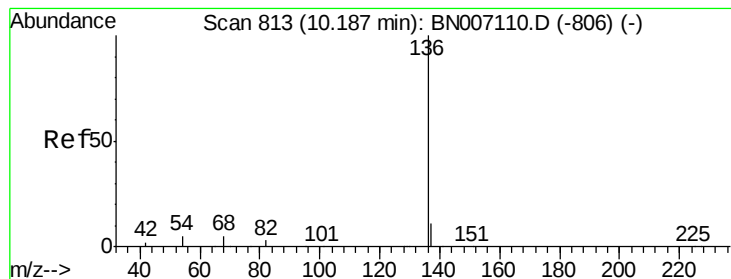


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:136 Resp: 26868

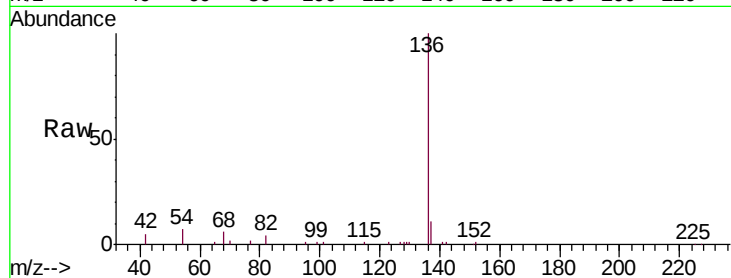
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 6.7 6.6 9.8

68 6.2 6.0 9.0

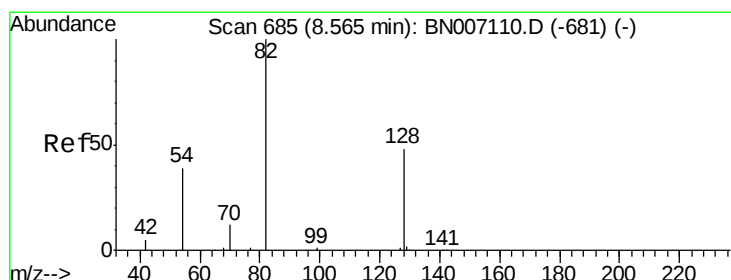
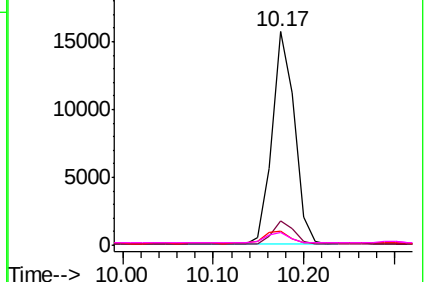
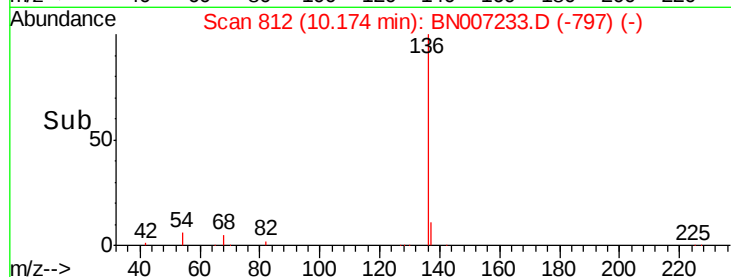


Abundance Ion 136.00 (135.70 to 136.70): E

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



#7

Nitrobenzene-d5

Concen: 0.351 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

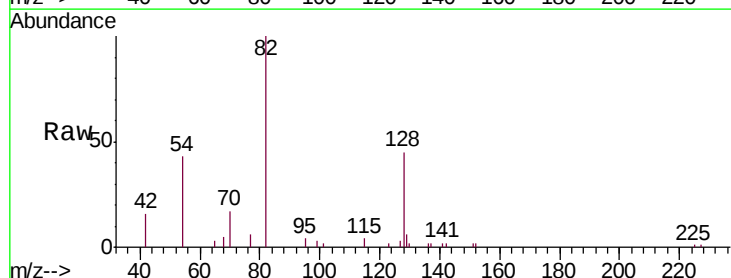
Tgt Ion: 82 Resp: 7599

Ion Ratio Lower Upper

82 100

128 45.0 34.6 51.8

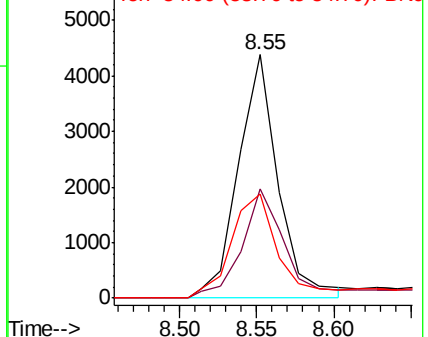
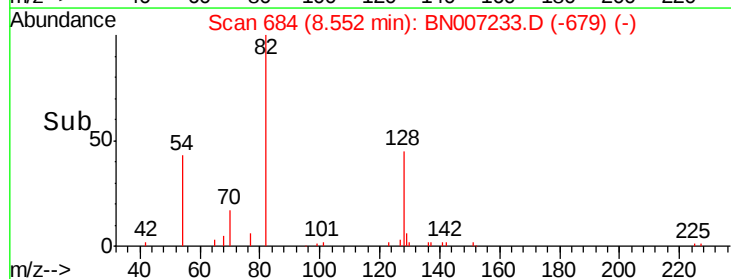
54 42.6 36.2 54.4



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





#10

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 11.78 min Scan# 978

Delta R.T. -0.02 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

Instrument :

BNA_N

ClientSampleId :

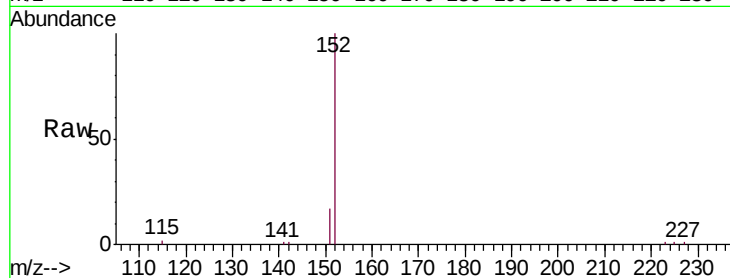
KY038PS027-190812

Tgt Ion:152 Resp: 15972

Ion Ratio Lower Upper

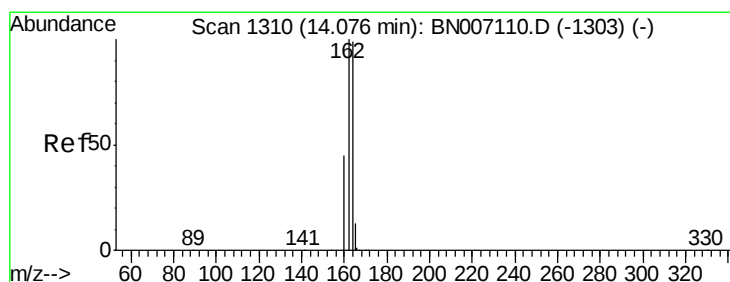
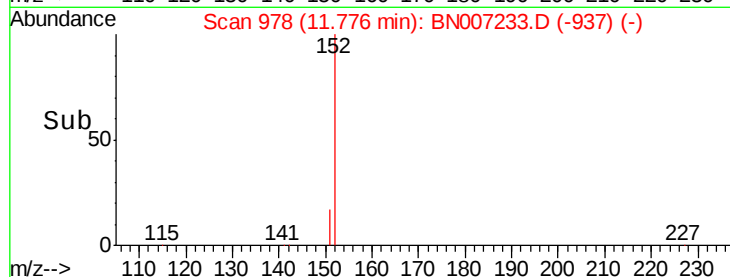
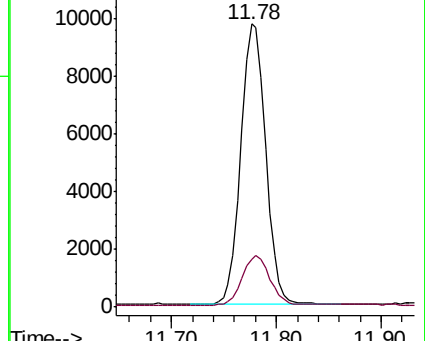
152 100

151 19.3 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

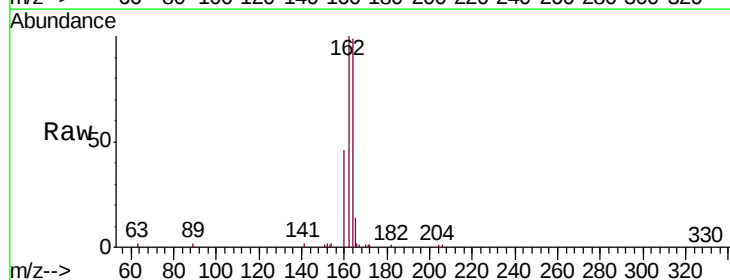
Tgt Ion:164 Resp: 15267

Ion Ratio Lower Upper

164 100

162 101.1 82.2 123.4

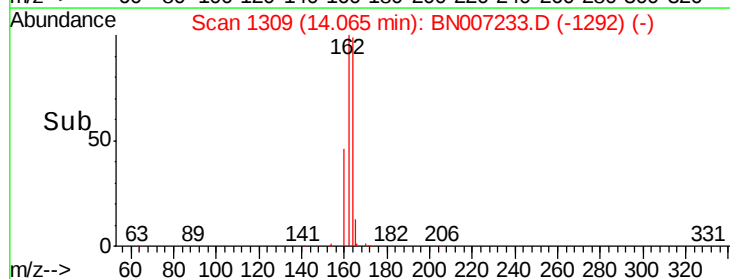
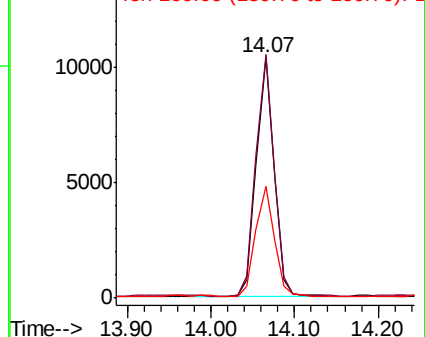
160 46.5 38.3 57.5

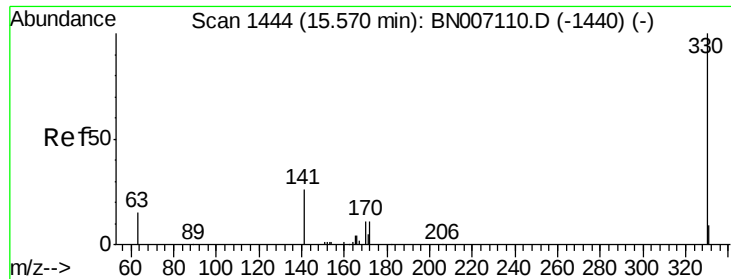


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

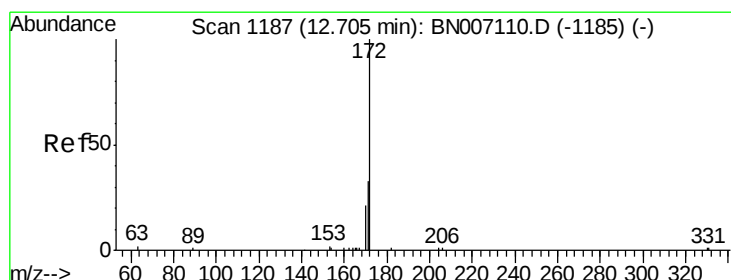
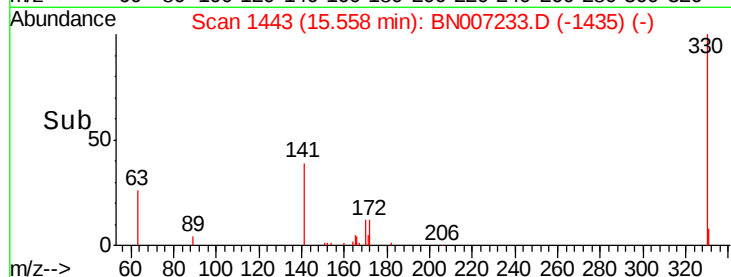
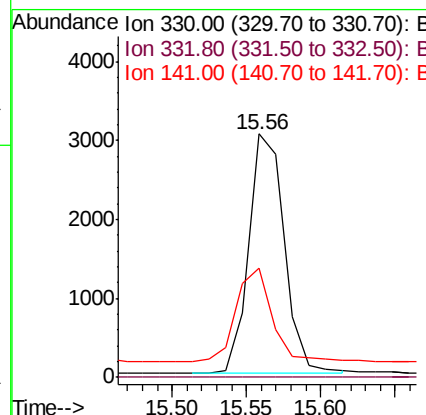
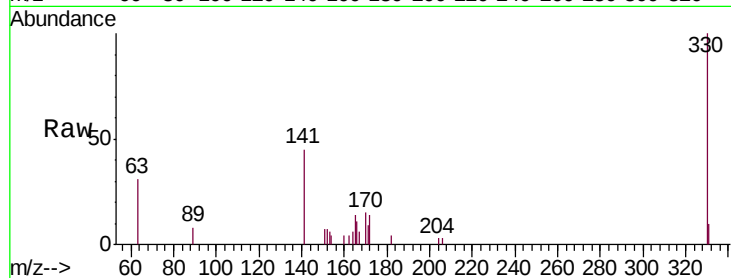




#13
 2,4,6-Tribromophenol
 Concen: 0.613 ng
 RT: 15.56 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BN007233.D
 Acq: 16 Aug 2019 21:13

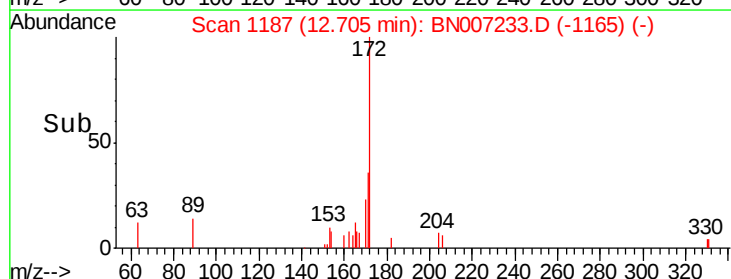
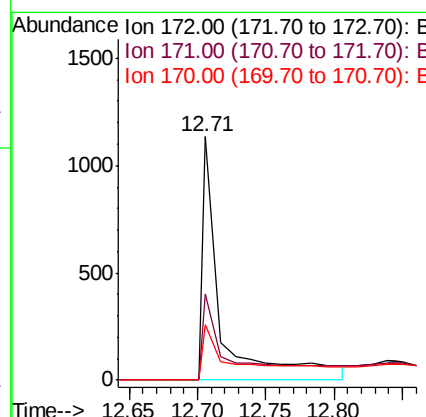
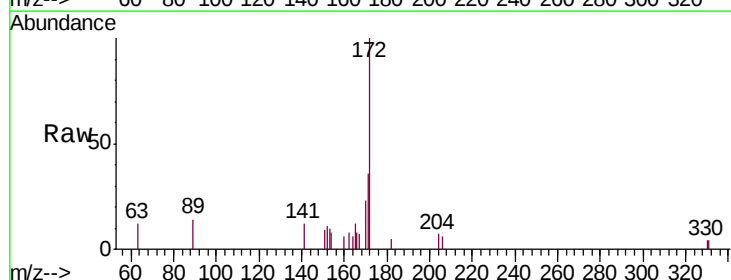
Instrument :
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 KY038PS027-190812

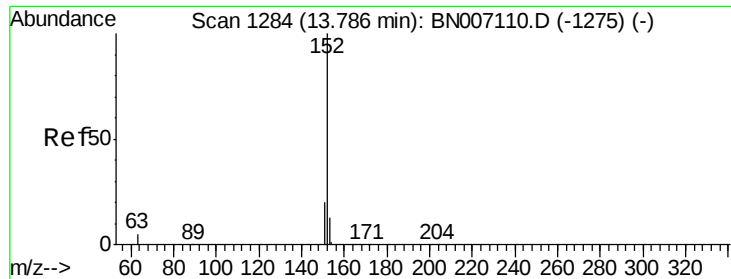
Tgt Ion: 330 Resp: 5041
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.5 33.6 50.4



#14
 2-Fluorobiphenyl
 Concen: 0.052 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007233.D
 Acq: 16 Aug 2019 21:13

Tgt Ion: 172 Resp: 1163
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.3 39.5
 170 22.6 17.0 25.4





#15

Acenaphthylene

Concen: 0.041 ng

RT: 13.78 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190812

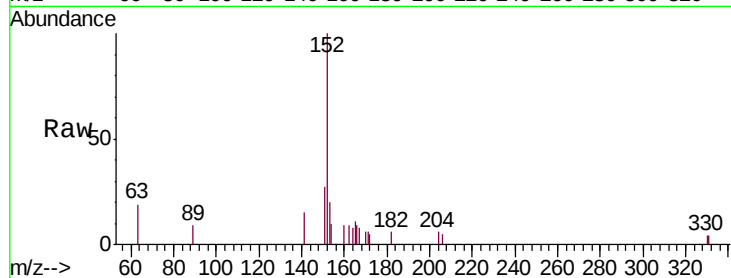
Tgt Ion:152 Resp: 3238

Ion Ratio Lower Upper

152 100

151 24.5 15.8 23.6#

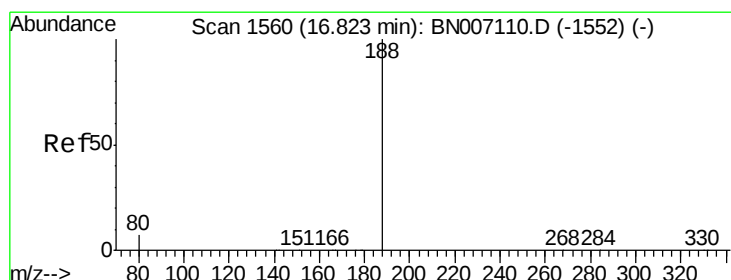
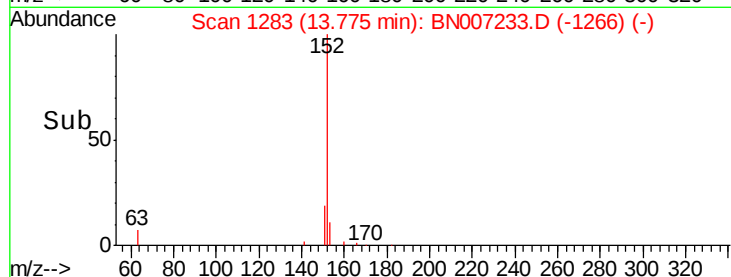
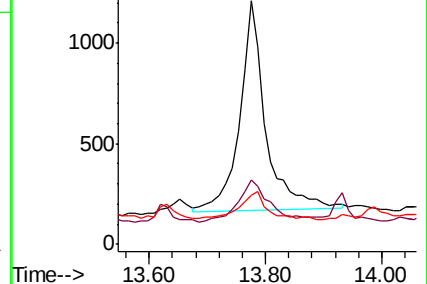
153 12.3 10.4 15.6



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



#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.81 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

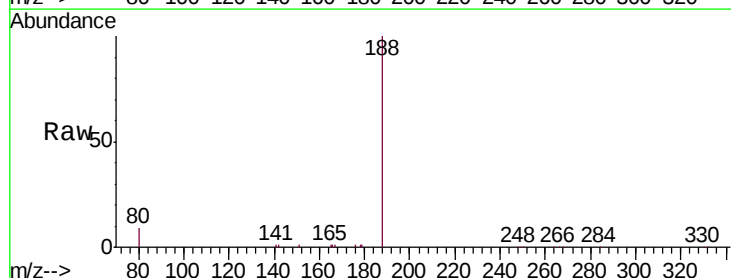
Tgt Ion:188 Resp: 36436

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

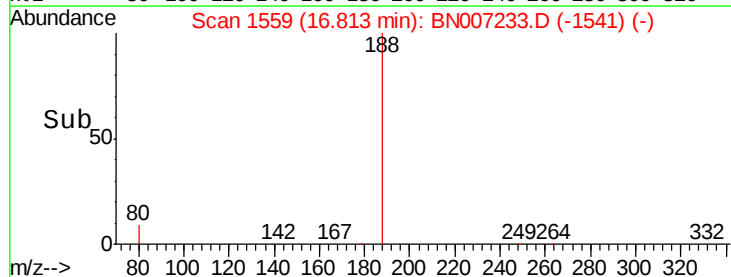
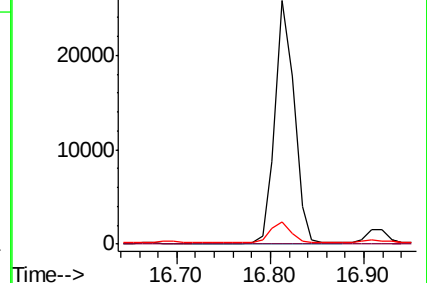
80 9.4 7.8 11.6

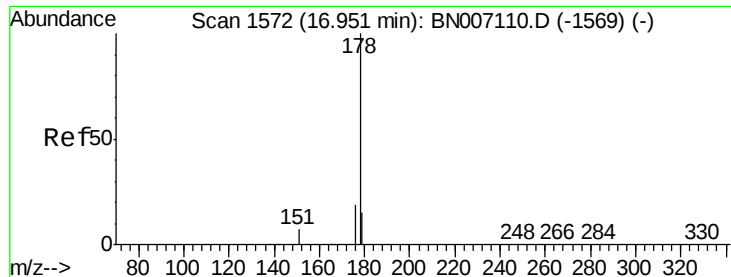


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Anthracene

Concen: 0.025 ng

RT: 16.95 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN007233.D

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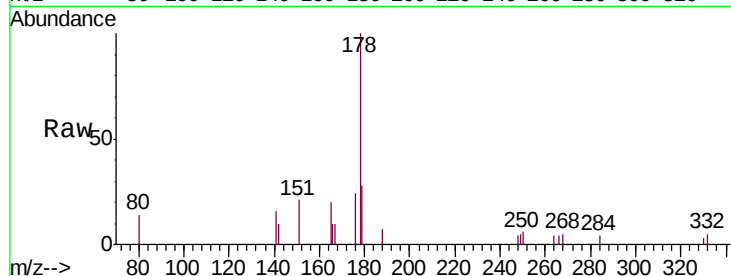
Tgt Ion:178 Resp: 2511

Ion Ratio Lower Upper

178 100

176 20.1 14.6 21.8

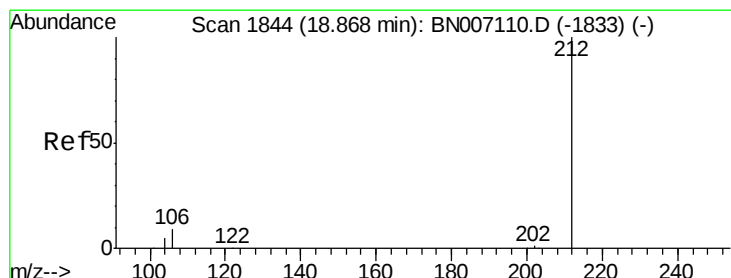
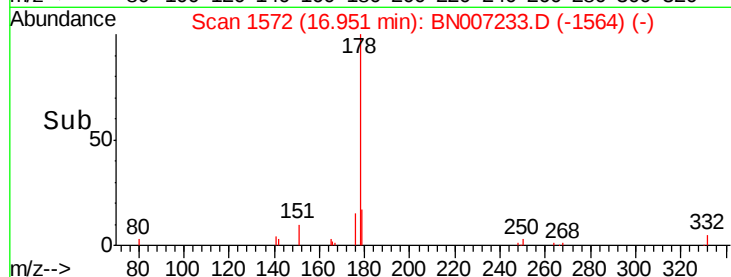
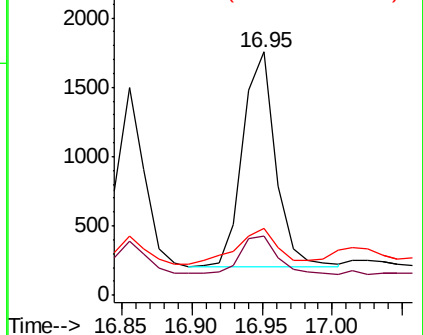
179 21.7 12.5 18.7#



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

Fluoranthene-d10

Concen: 0.314 ng

RT: 18.86 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

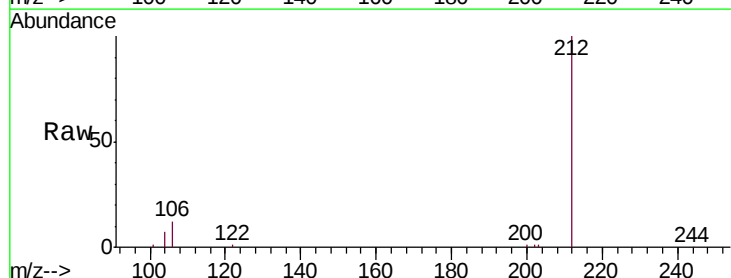
Tgt Ion:212 Resp: 40620

Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.2

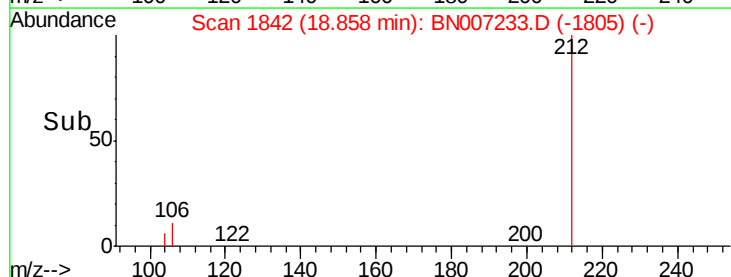
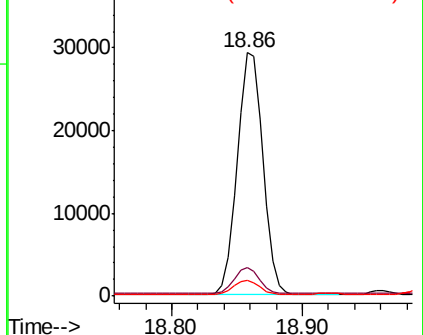
104 5.9 4.5 6.7

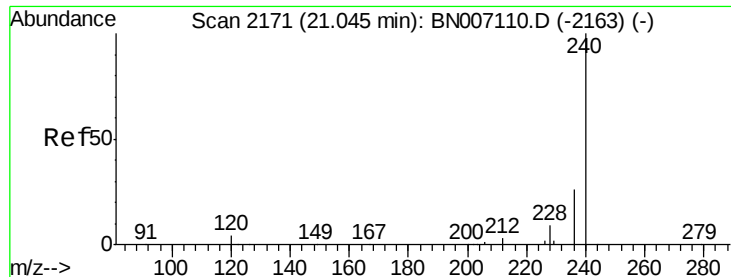


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190812

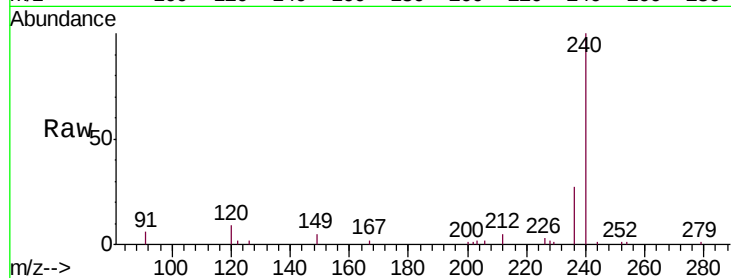
Tgt Ion:240 Resp: 36748

Ion Ratio Lower Upper

240 100

120 8.7 4.0 6.0#

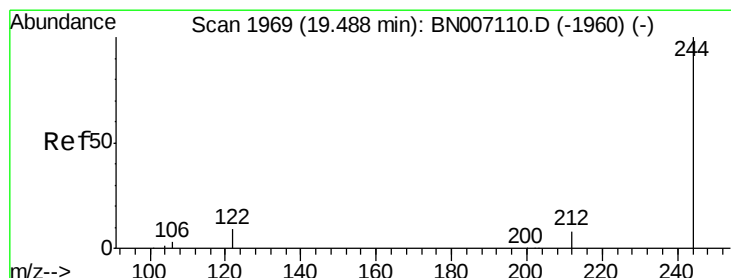
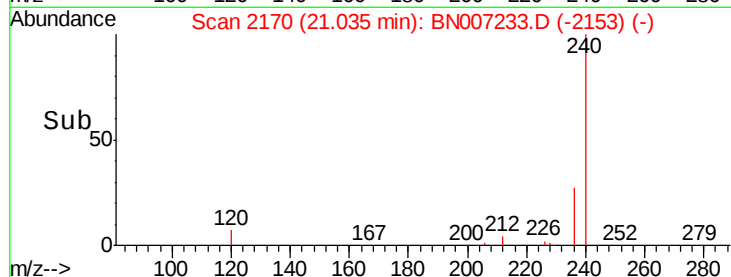
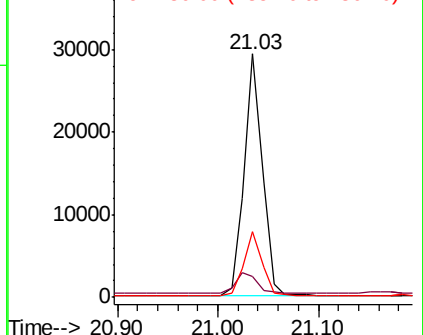
236 27.2 21.3 31.9



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

Terphenyl-d14

Concen: 0.523 ng

RT: 19.48 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

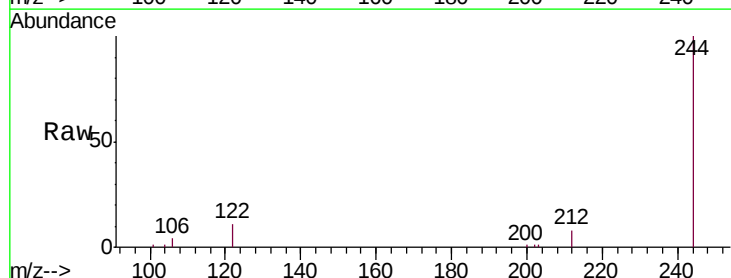
Tgt Ion:244 Resp: 52381

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

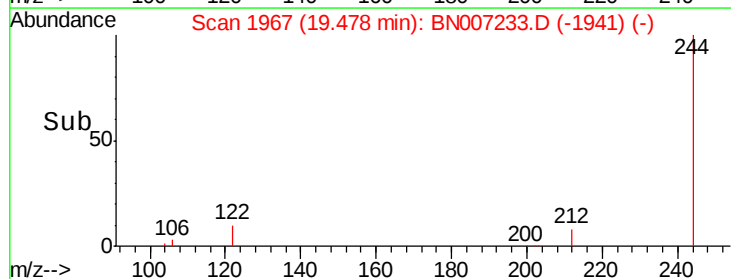
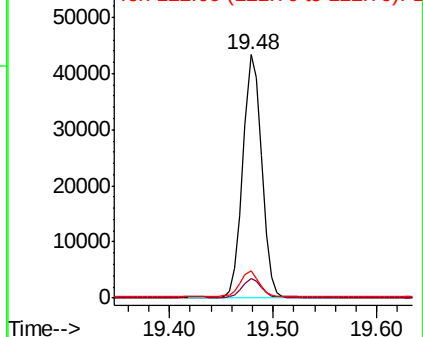
122 11.0 7.4 11.2

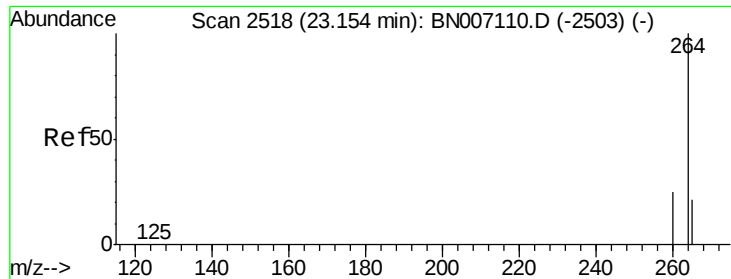


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2516

Delta R.T. -0.02 min

Lab File: BN007233.D

Acq: 16 Aug 2019 21:13

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190812

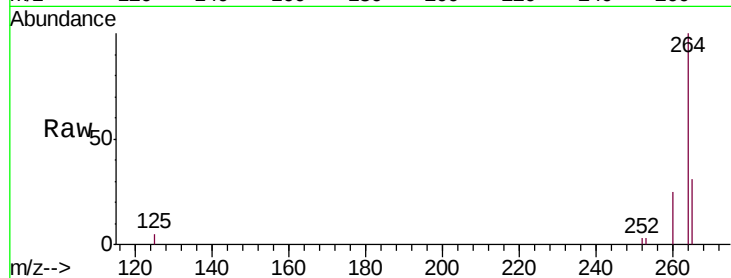
Tgt Ion: 264 Resp: 42067

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 30.8 26.2 39.4



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

