

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022233.D
 Acq On : 8 Jun 2016 12:04
 Operator : UM/SJ
 Sample : H3460-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NC-TS-CRANBURY

Quant Time: Jun 08 17:07:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

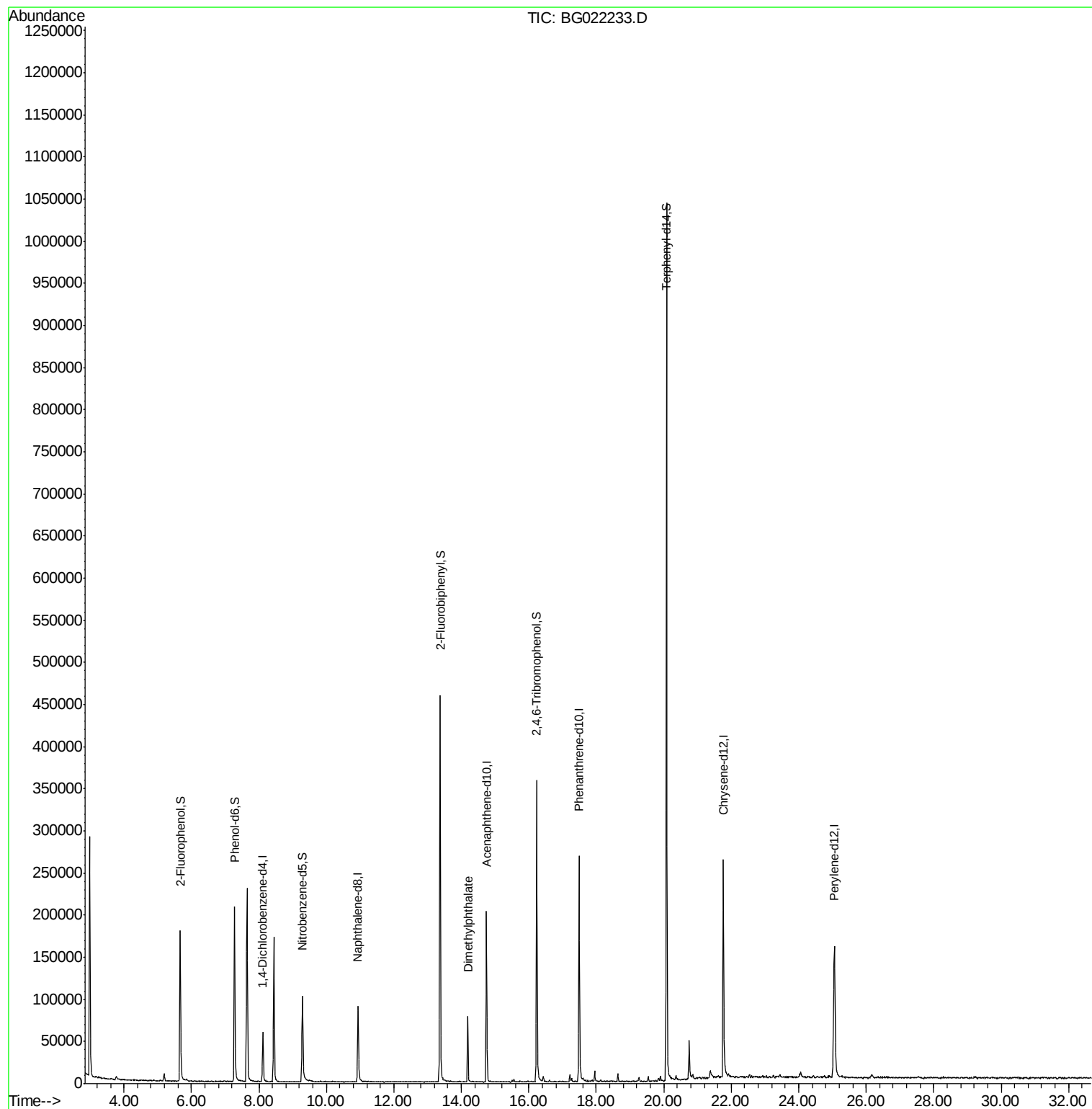
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23263	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	114459	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	80839	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	199135	20.00	ng	0.00
75) Chrysene-d12	21.77	240	190542	20.00	ng	0.00
86) Perylene-d12	25.06	264	184398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	132348	110.00	ng	0.00
7) Phenol-d6	7.28	99	193033	102.04	ng	0.00
23) Nitrobenzene-d5	9.29	82	98222	59.83	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	86576	94.78	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	302856	57.09	ng	0.00
78) Terphenyl-d14	20.08	244	517457	64.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	71652	10.69	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

Instrument :

BNA_G

ClientSampleId :

NC-TS-CRANBURY

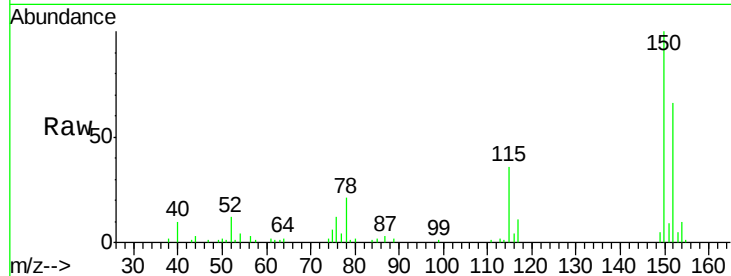
Tot Ion:152 Resp: 23263

Ion Ratio Lower Upper

152 100

150 151.3 130.1 195.1

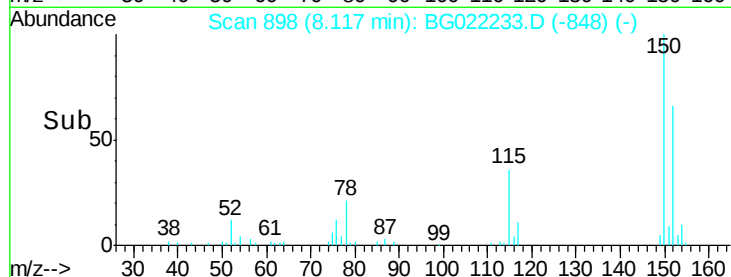
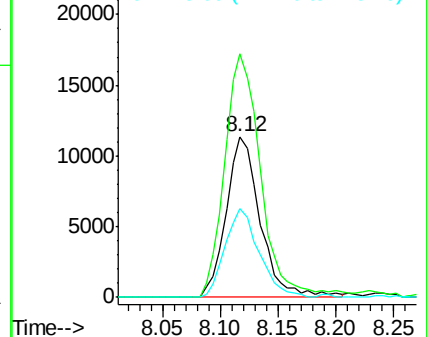
115 55.2 62.2 93.2#



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



#5

2-Fluorophenol

Concen: 110.00 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

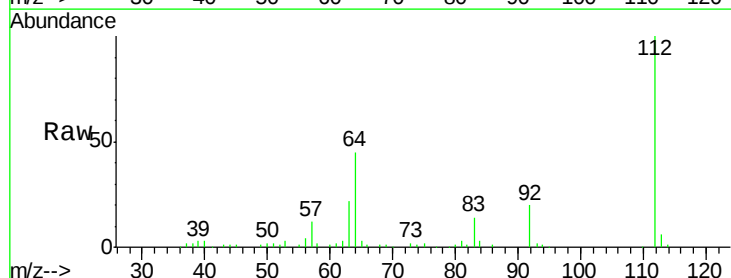
Tgt Ion:112 Resp: 132348

Ion Ratio Lower Upper

112 100

64 44.8 51.1 76.7#

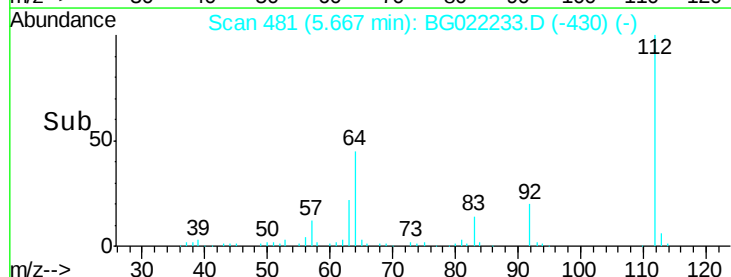
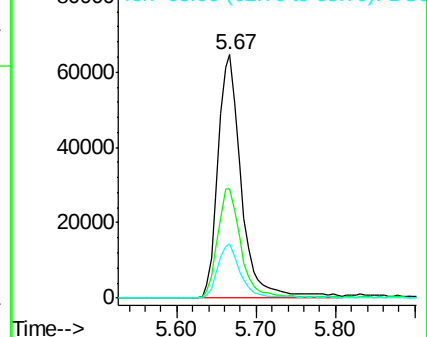
63 22.4 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 102.04 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

Instrument :

BNA_G

ClientSampleId :

NC-TS-CRANBURY

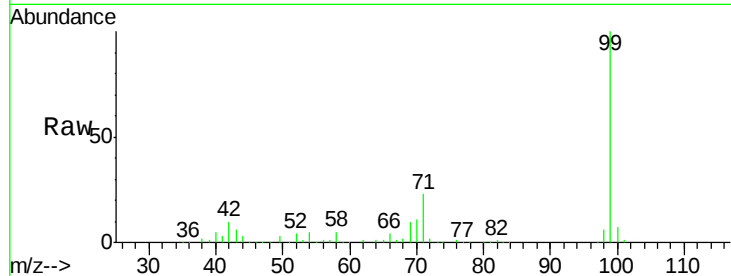
Tot Ion: 99 Resp: 193033

Ion Ratio Lower Upper

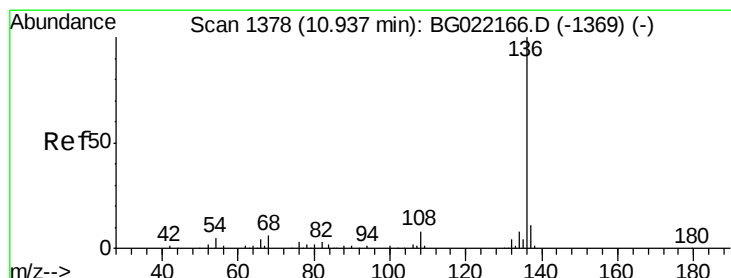
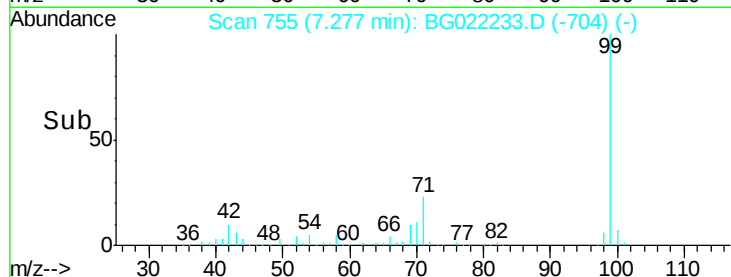
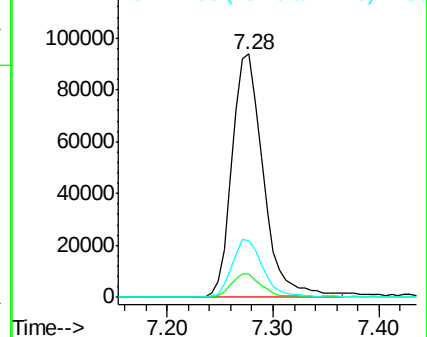
99 100

42 9.5 16.4 24.6#

71 23.5 25.0 37.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

Tgt Ion: 136 Resp: 114459

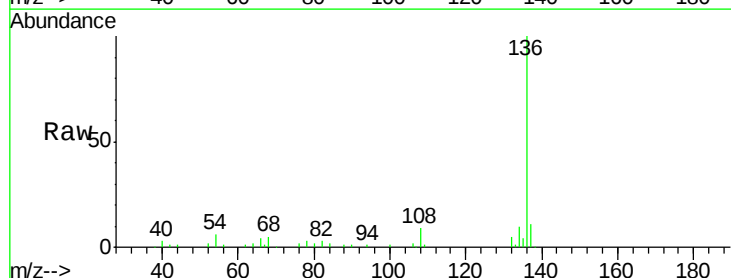
Ion Ratio Lower Upper

136 100

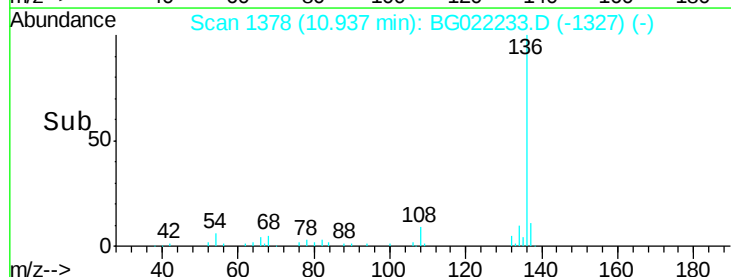
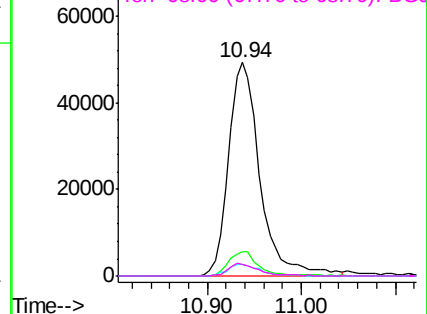
137 11.3 9.0 13.4

54 5.6 9.6 14.4#

68 5.3 6.4 9.6#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

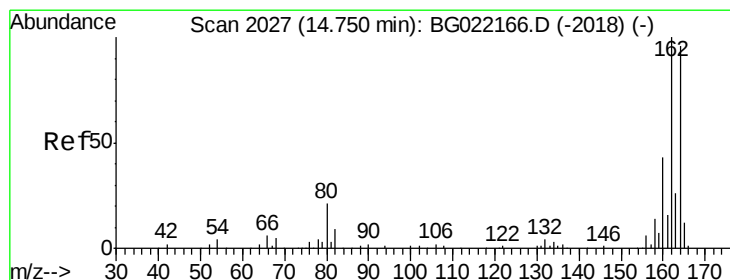
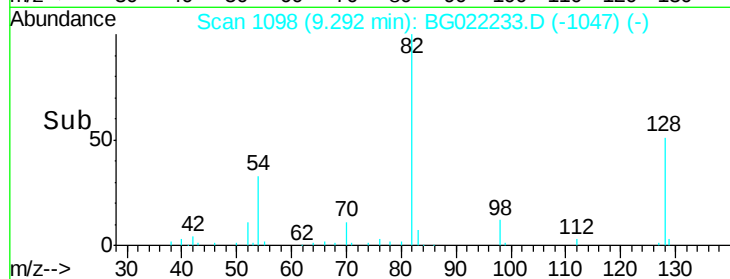
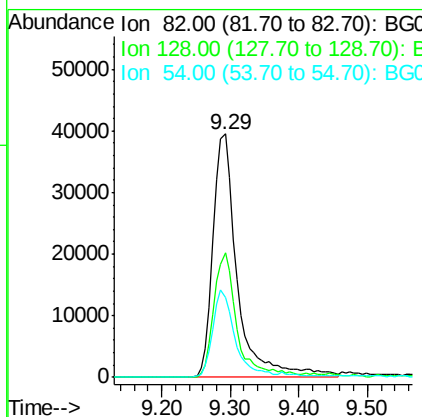
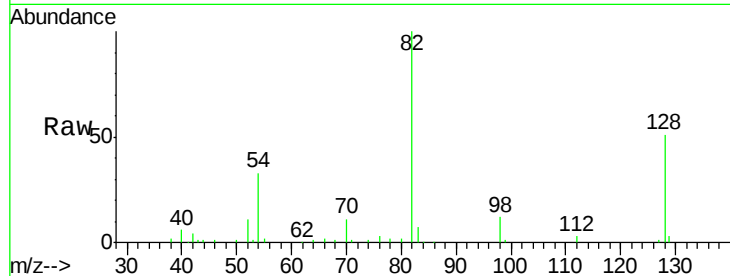




#23
 Nitrobenzene-d5
 Concen: 59.83 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BG022233.D
 Acq: 8 Jun 2016 12:04

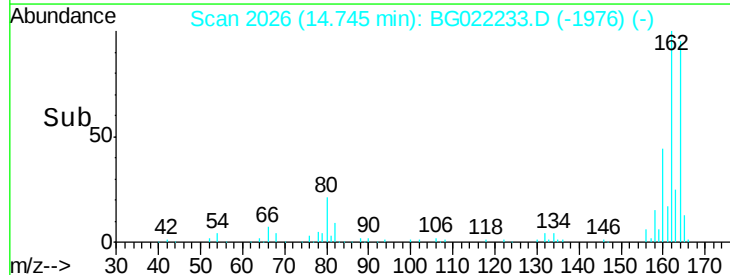
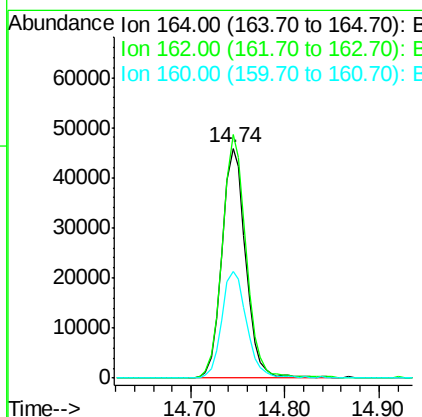
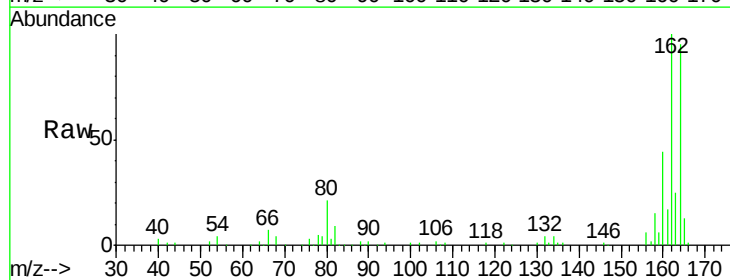
Instrument :
 BNA_G
 ClientSampleId :
 NC-TS-CRANBURY

Tot Ion: 82 Resp: 98222
 Ion Ratio Lower Upper
 82 100
 128 51.4 33.4 50.0#
 54 32.8 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG022233.D
 Acq: 8 Jun 2016 12:04

Tgt Ion:164 Resp: 80839
 Ion Ratio Lower Upper
 164 100
 162 105.8 78.0 117.0
 160 46.2 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 94.78 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

Instrument :

BNA_G

ClientSampleId :

NC-TS-CRANBURY

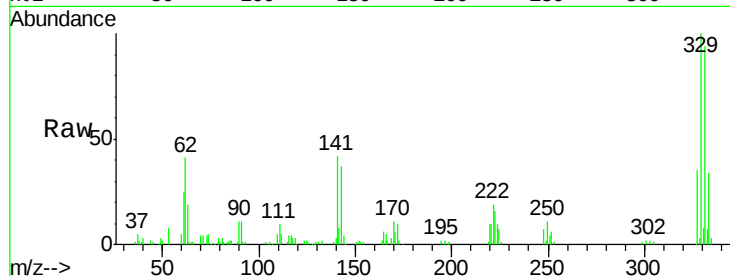
Tot Ion:330 Resp: 86576

Ion Ratio Lower Upper

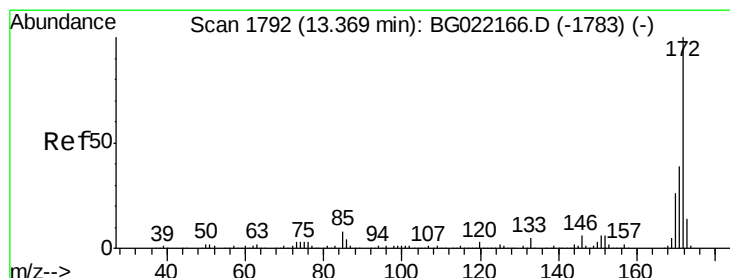
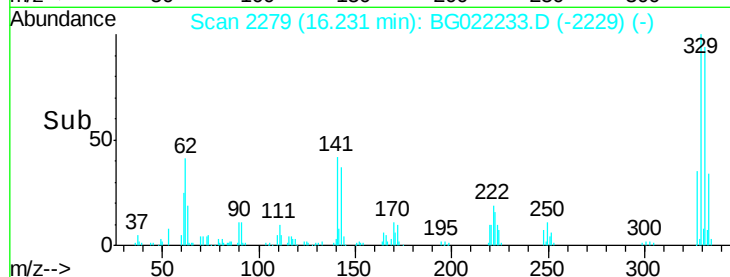
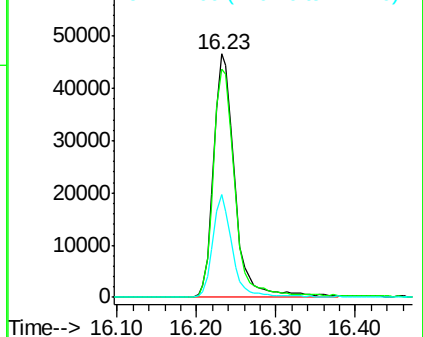
330 100

332 95.6 78.0 117.0

141 38.8 33.8 50.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 57.09 ng

RT: 13.37 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

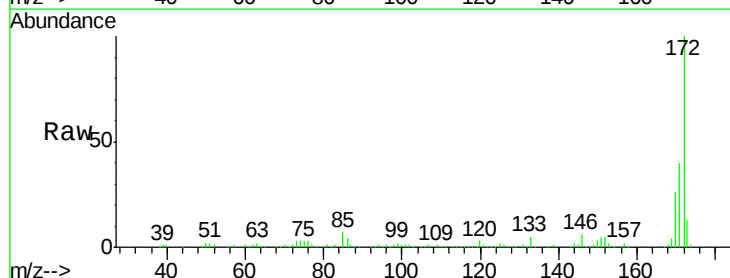
Tgt Ion:172 Resp: 302856

Ion Ratio Lower Upper

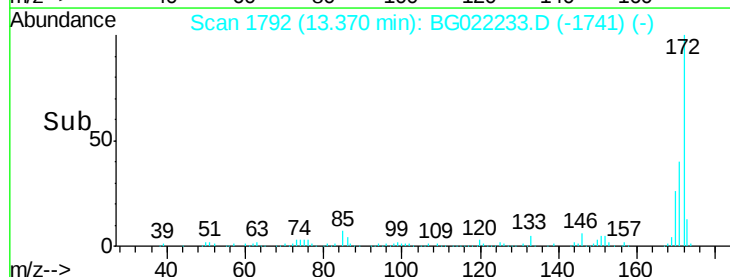
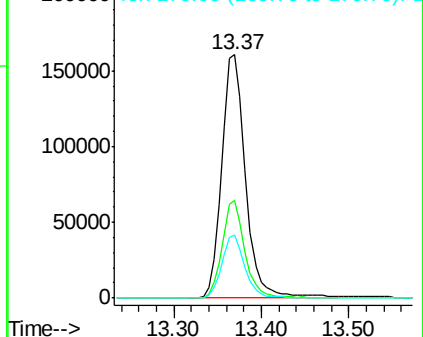
172 100

171 40.2 27.8 41.6

170 25.9 19.6 29.4



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





#49

Dimethylphthalate

Concen: 10.69 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

Instrument :

BNA_G

ClientSampleId :

NC-TS-CRANBURY

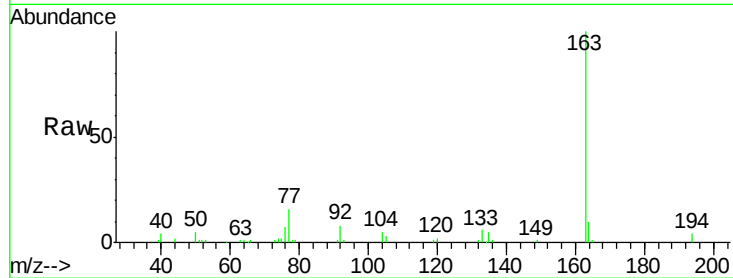
Tot Ion:163 Resp: 71652

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.6

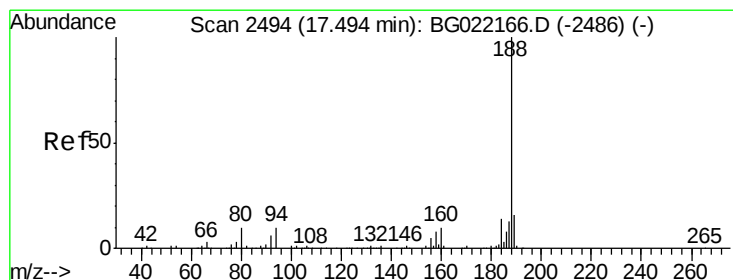
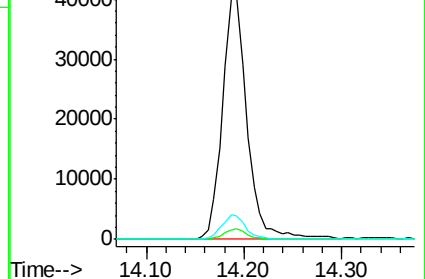
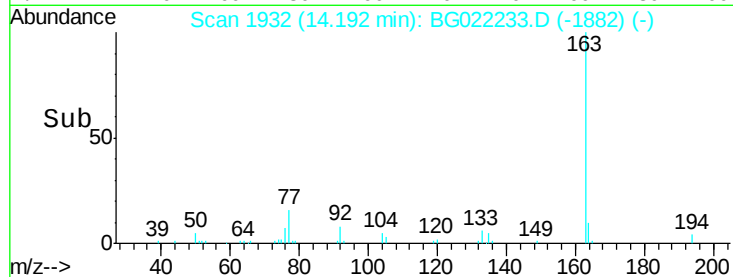
164 9.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

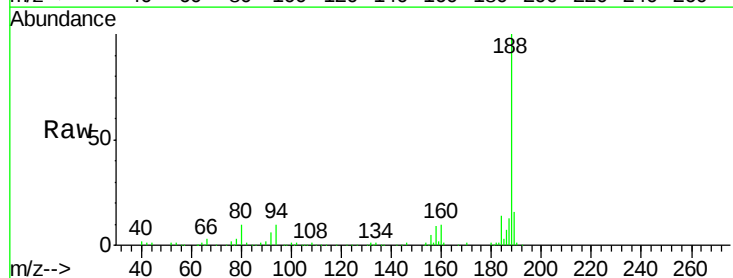
Tgt Ion:188 Resp: 199135

Ion Ratio Lower Upper

188 100

94 10.1 7.5 11.3

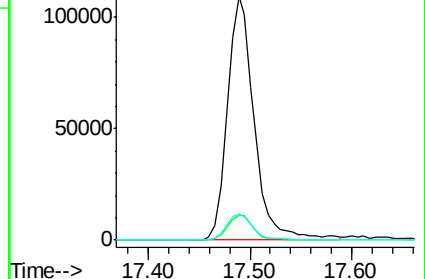
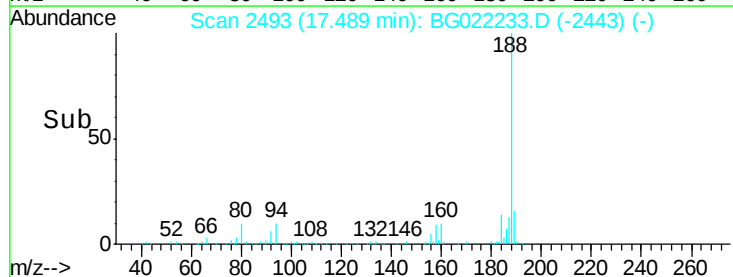
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

Instrument :

BNA_G

ClientSampleId :

NC-TS-CRANBURY

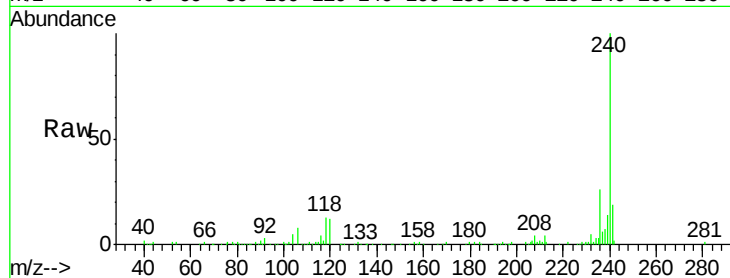
Tot Ion:240 Resp: 190542

Ion Ratio Lower Upper

240 100

120 11.8 8.4 12.6

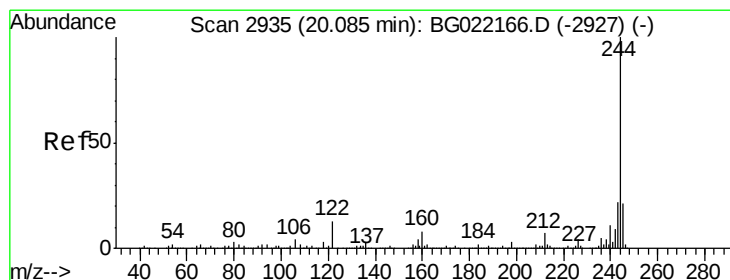
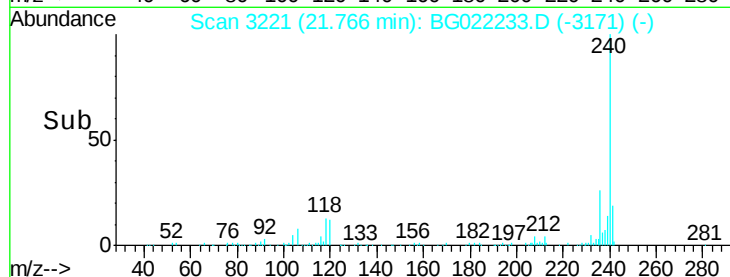
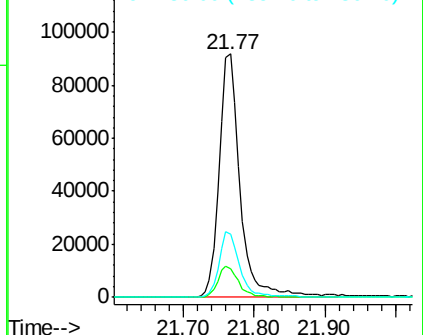
236 26.0 19.6 29.4



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



#78

Terphenyl-d14

Concen: 64.47 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022233.D

Acq: 8 Jun 2016 12:04

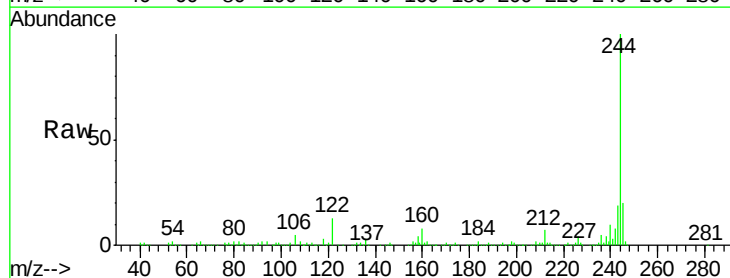
Tgt Ion:244 Resp: 517457

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

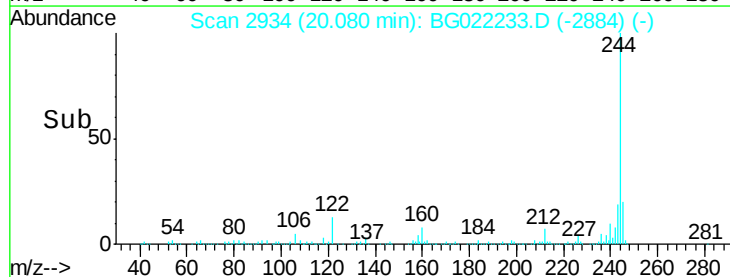
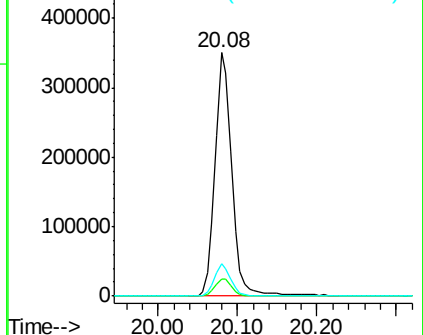
122 13.5 8.6 12.8#

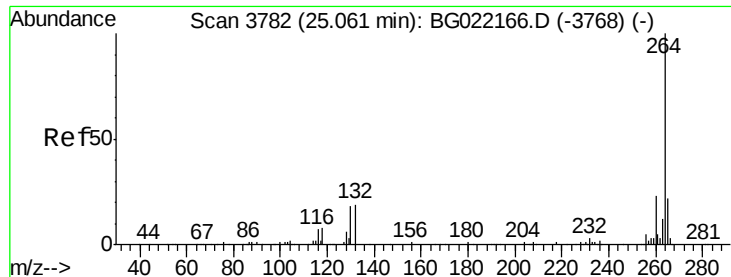


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

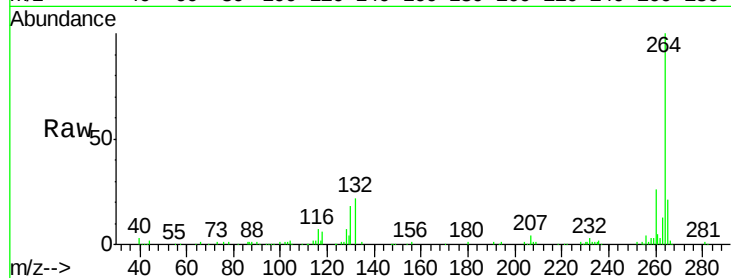




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3781
 Delta R.T. -0.01 min
 Lab File: BG022233.D
 Acq: 8 Jun 2016 12:04

Instrument :
 BNA_G
 ClientSampleId :
 NC-TS-CRANBURY

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.4
265	21.5	17.8	26.8



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

