

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020072.D
 Acq On : 10 Dec 2015 12:45
 Operator : UM/SJ
 Sample : G4683-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S13-15

Quant Time: Dec 11 04:41:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

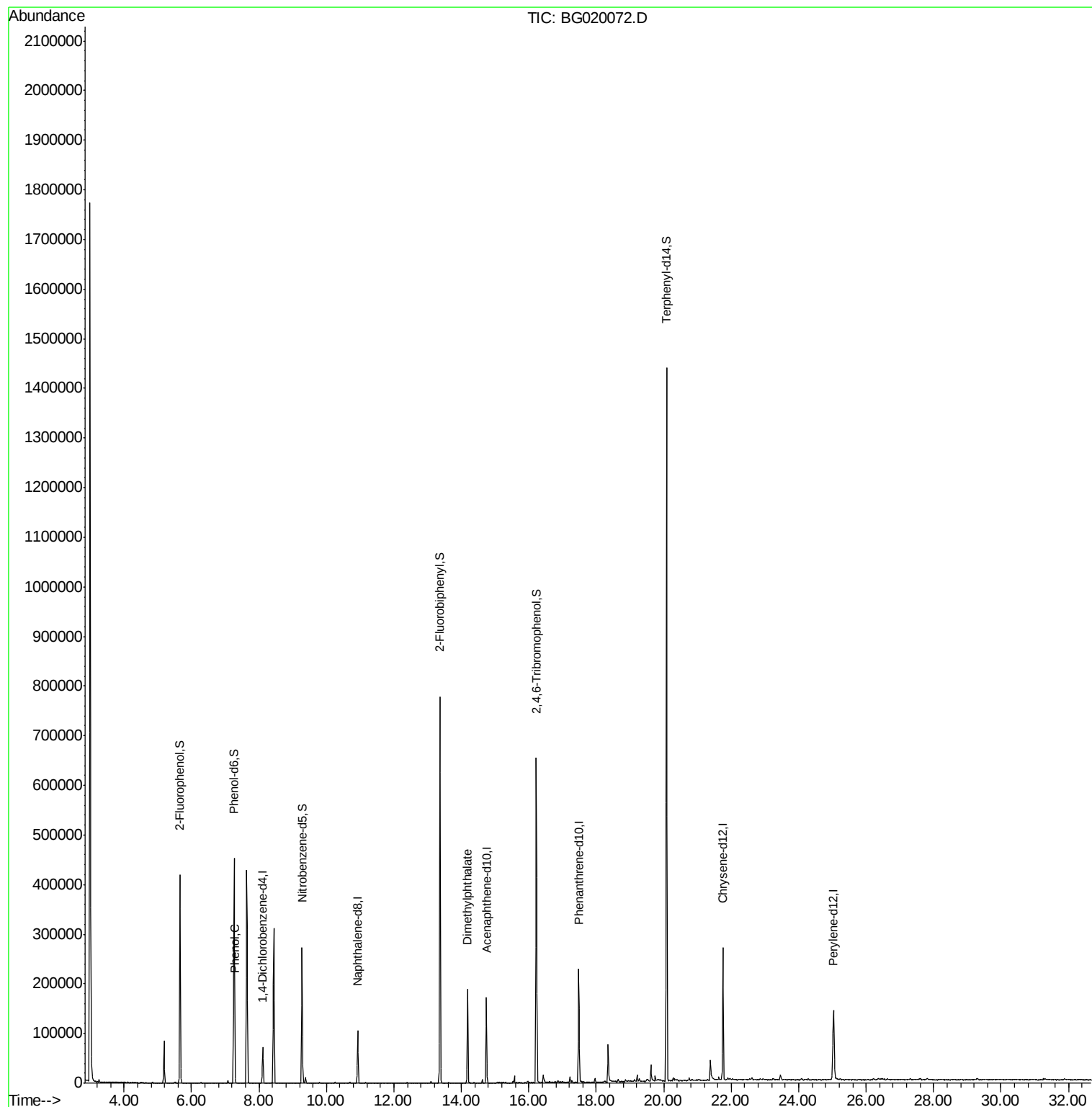
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20236	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	87560	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	60455	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	145841	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	175561	20.00	ng	-0.04
86) Perylene-d12	25.03	264	161169	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	173878	155.30	ng	-0.01
7) Phenol-d6	7.26	99	258634	152.99	ng	-0.01
23) Nitrobenzene-d5	9.28	82	169517	98.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	127066	137.37	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	394157	89.02	ng	-0.02
78) Terphenyl-d14	20.08	244	624491	86.76	ng	-0.03
Target Compounds						
10) Phenol	7.28	94	3974	2.23	ng	Qvalue # 64
49) Dimethylphthalate	14.18	163	123209	22.66	ng	99

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

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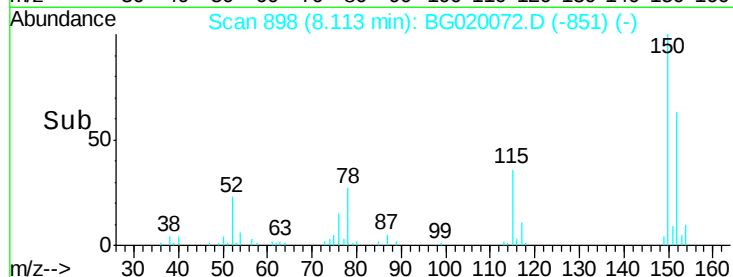
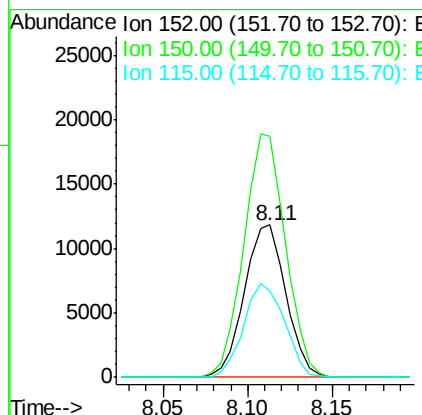
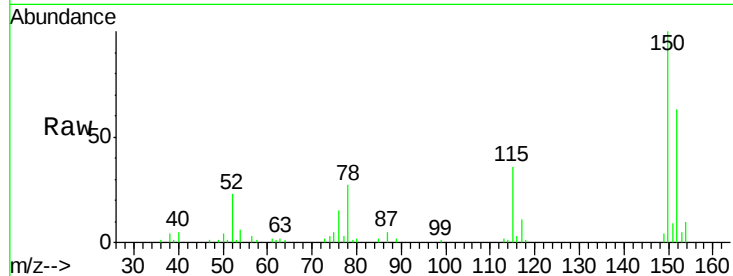




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG020072.D
 Acq: 10 Dec 2015 12:45

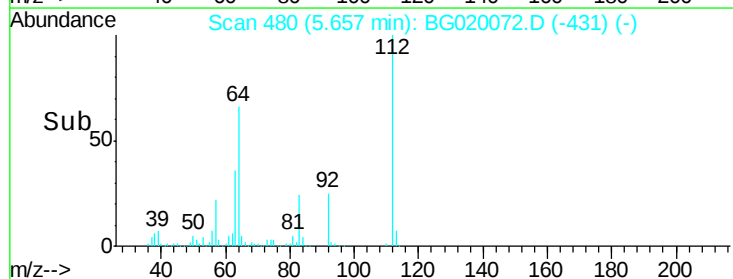
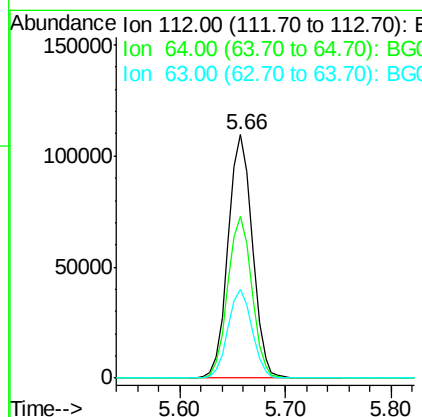
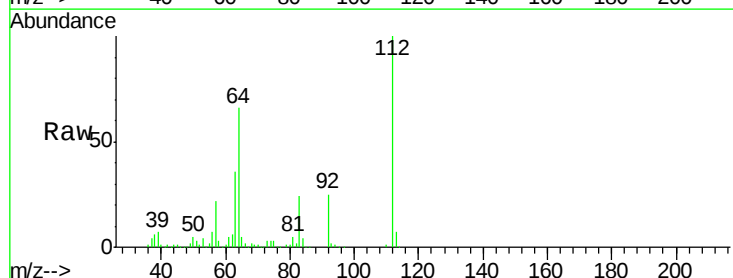
Instrument :
 BNA_G
 ClientSampleId :
 S13-15

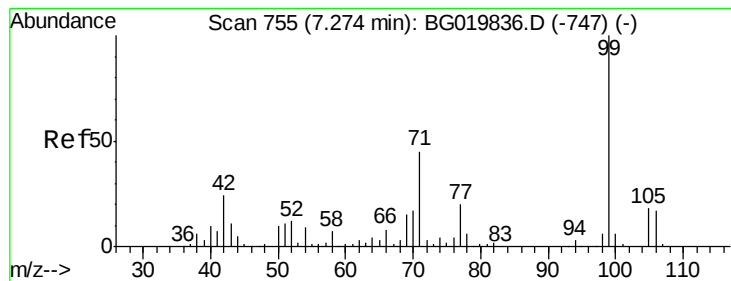
Tot Ion:152 Resp: 20236
 Ion Ratio Lower Upper
 152 100
 150 158.1 115.0 172.4
 115 56.8 43.9 65.9



#5
 2-Fluorophenol
 Concen: 155.30 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020072.D
 Acq: 10 Dec 2015 12:45

Tgt Ion:112 Resp: 173878
 Ion Ratio Lower Upper
 112 100
 64 66.3 43.7 65.5#
 63 36.4 24.0 36.0#





#7

Phenol-d6

Concen: 152.99 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020072.D

Acq: 10 Dec 2015 12:45

Instrument :

BNA_G

ClientSampleId :

S13-15

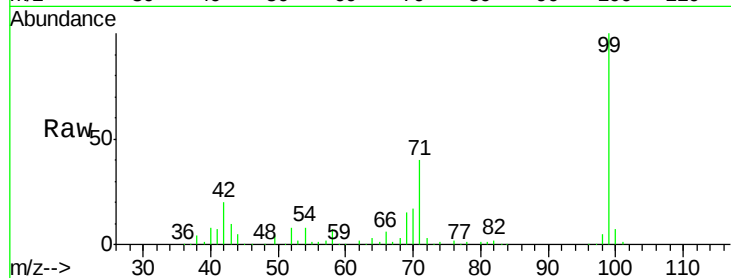
Tot Ion: 99 Resp: 258634

Ion Ratio Lower Upper

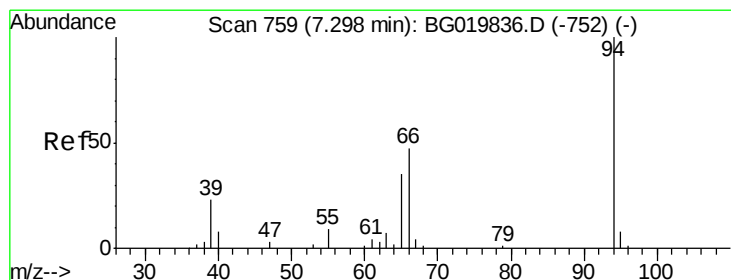
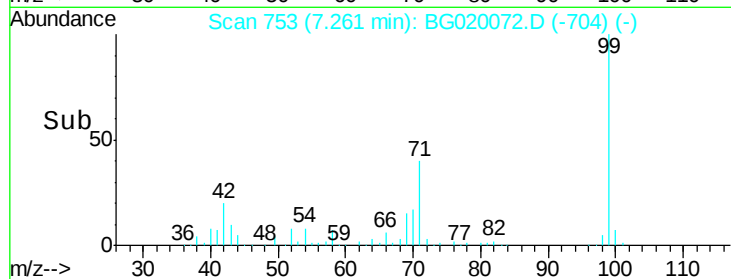
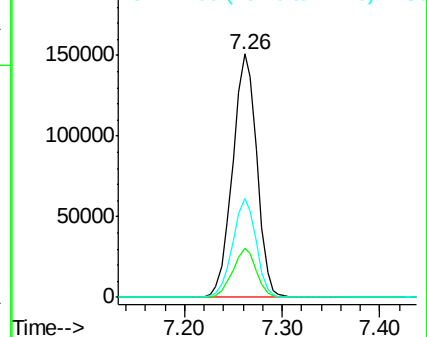
99 100

42 20.0 11.5 17.3#

71 40.4 22.6 34.0#



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



#10

Phenol

Concen: 2.23 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020072.D

Acq: 10 Dec 2015 12:45

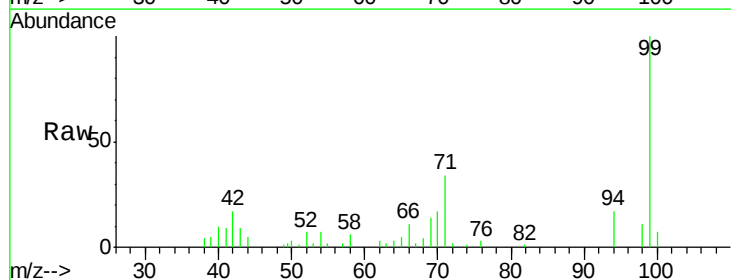
Tgt Ion: 94 Resp: 3974

Ion Ratio Lower Upper

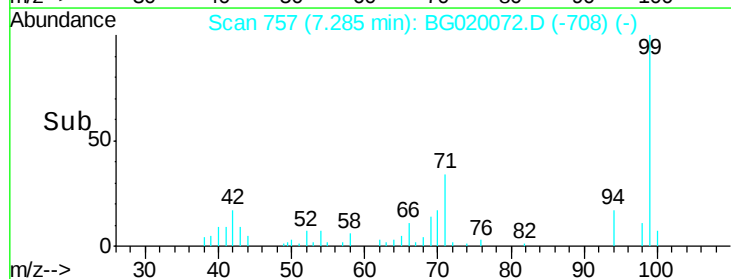
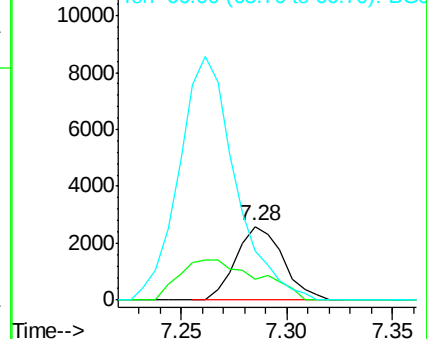
94 100

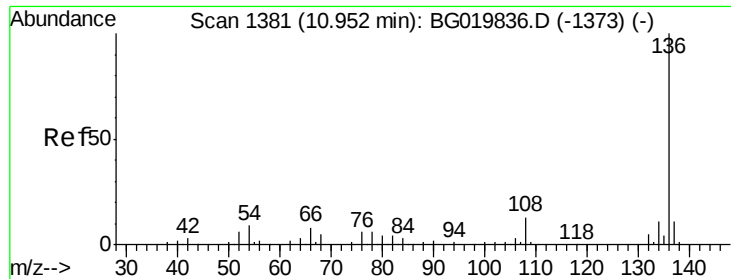
65 27.8 5.4 45.4

66 65.8 11.8 51.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

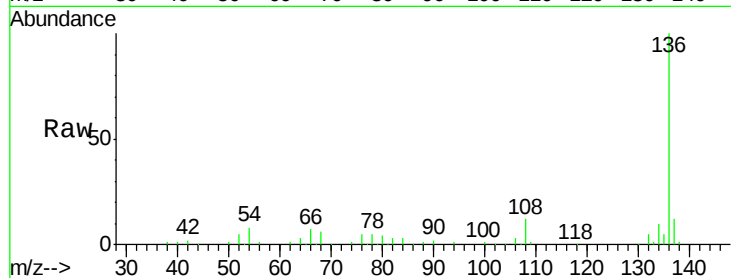




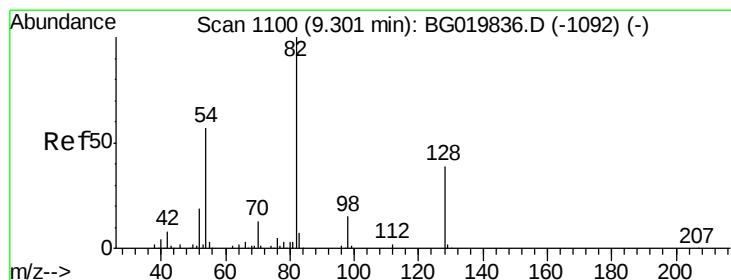
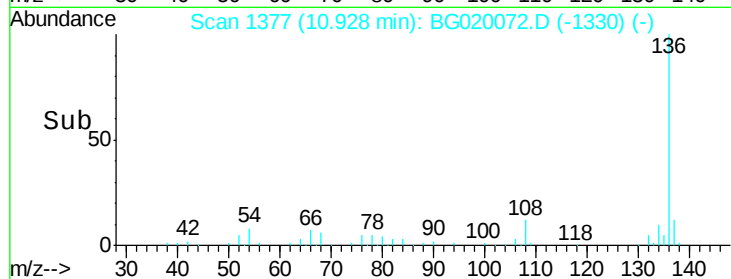
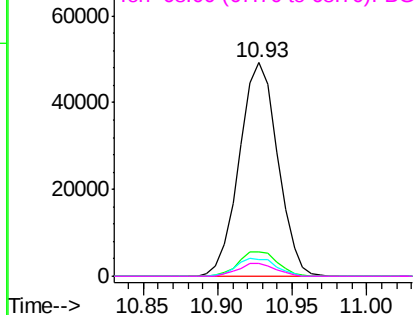
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020072.D
Acq: 10 Dec 2015 12:45

Instrument :
BNA_G
ClientSampleId :
S13-15

Tot Ion:136	Resp:	87560
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.6 12.8
54	8.1	5.4 8.2
68	6.1	5.3 7.9

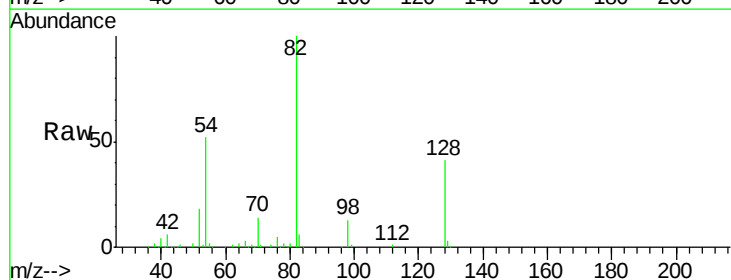


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

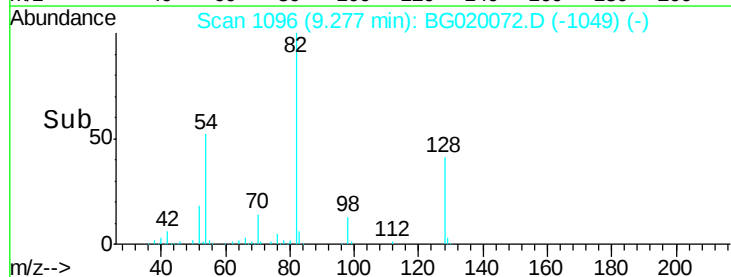
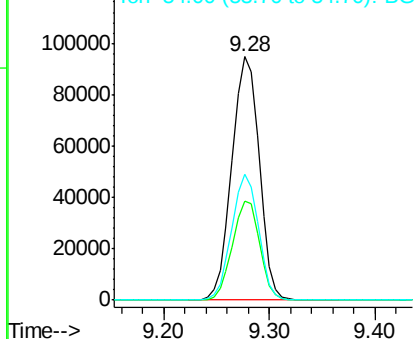


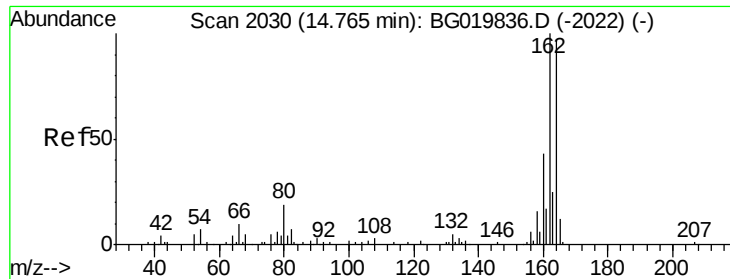
#23
Nitrobenzene-d5
Concen: 98.81 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020072.D
Acq: 10 Dec 2015 12:45

Tgt Ion: 82	Resp:	169517
Ion Ratio	Lower	Upper
82	100	
128	40.9	36.7 55.1
54	51.8	33.8 50.8#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG020072.D

Acq: 10 Dec 2015 12:45

Instrument :

BNA_G

ClientSampleId :

S13-15

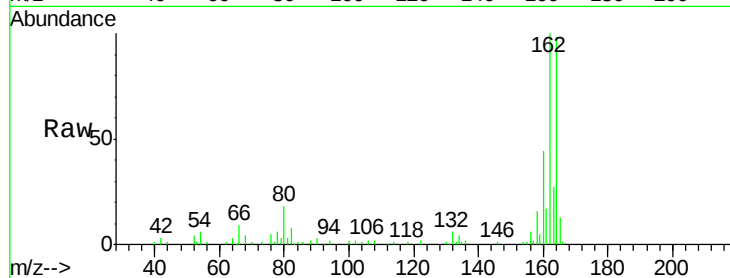
Tot Ion:164 Resp: 60455

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

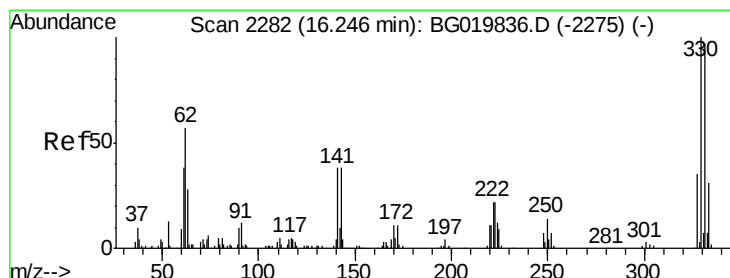
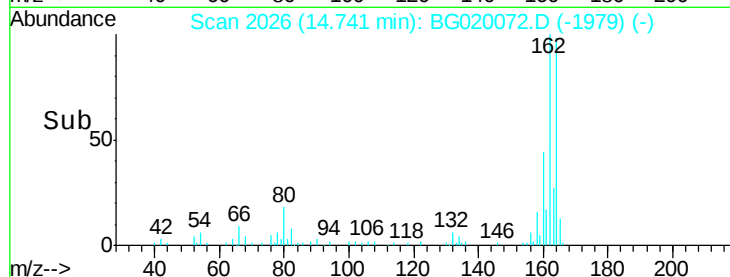
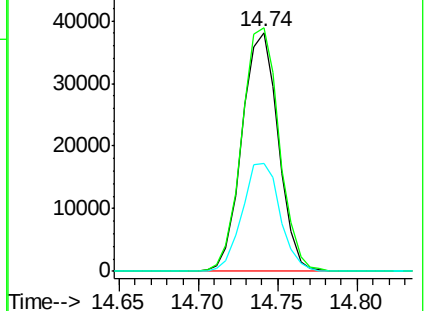
160 45.3 36.4 54.6



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



#41

2,4,6-Tribromophenol

Concen: 137.37 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020072.D

Acq: 10 Dec 2015 12:45

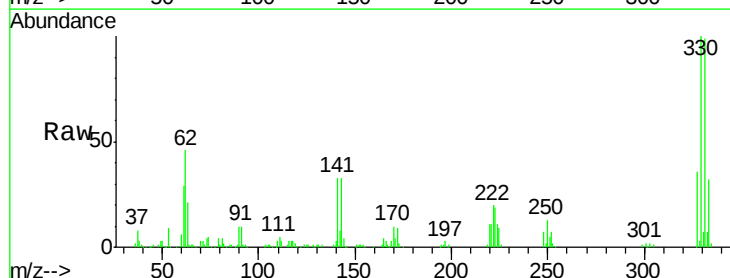
Tgt Ion:330 Resp: 127066

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

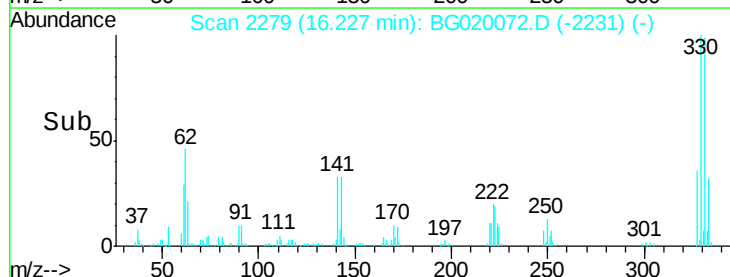
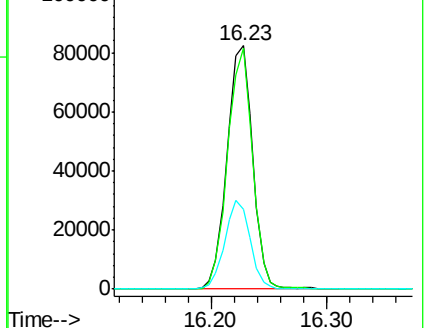
141 35.9 28.2 42.2

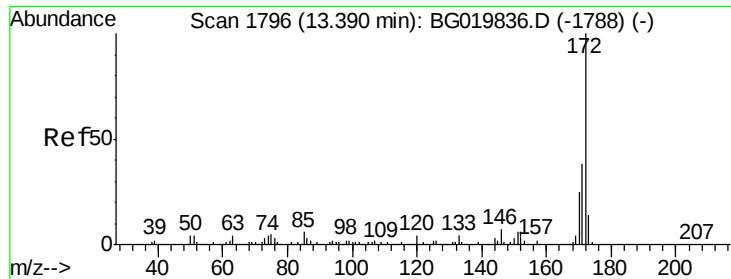


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

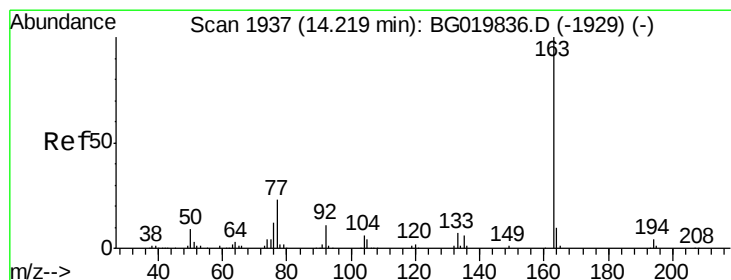
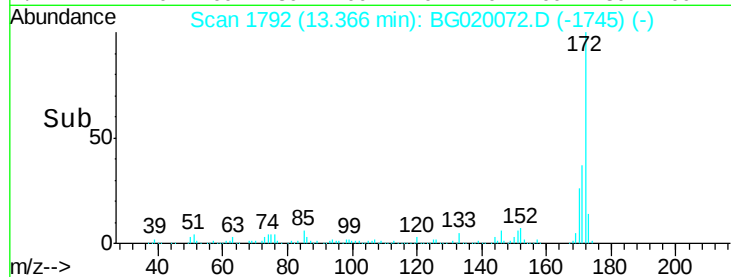
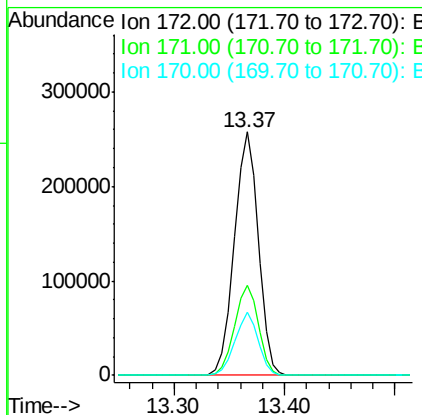
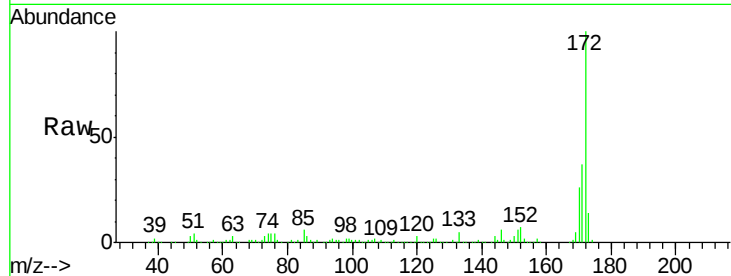




#44
2-Fluorobiphenyl
Concen: 89.02 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020072.D
Acq: 10 Dec 2015 12:45

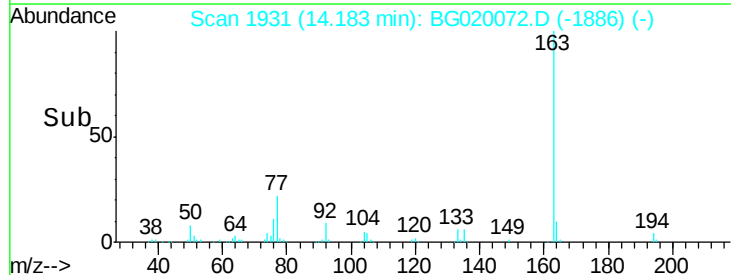
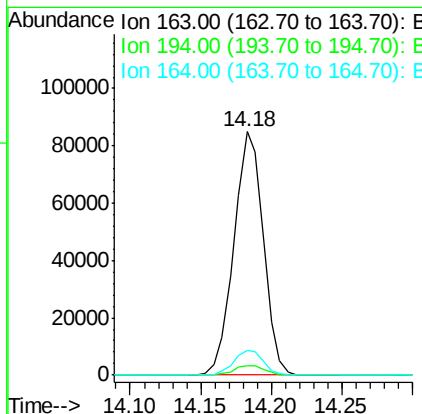
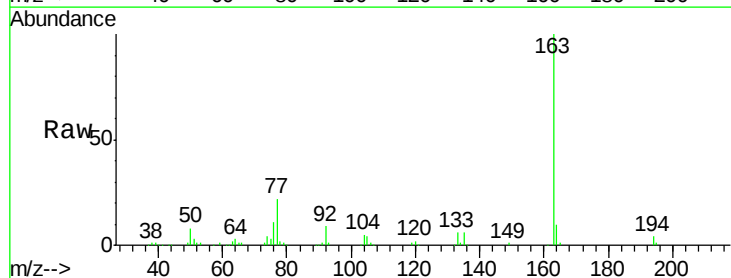
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S13-15

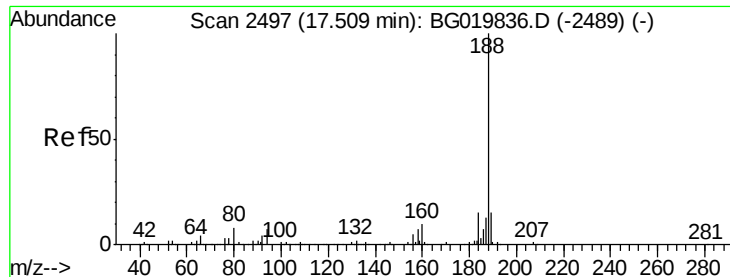
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.9	19.9	29.9



#49
Dimethylphthalate
Concen: 22.66 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.04 min
Lab File: BG020072.D
Acq: 10 Dec 2015 12:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.3	8.8	13.2

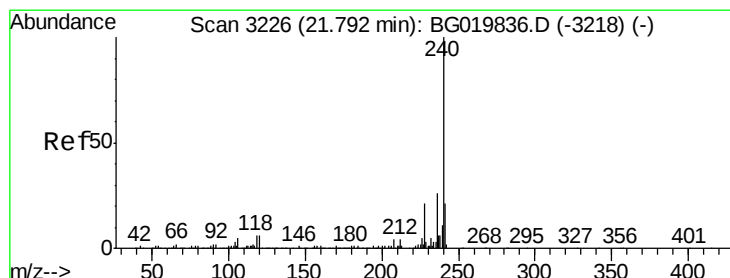
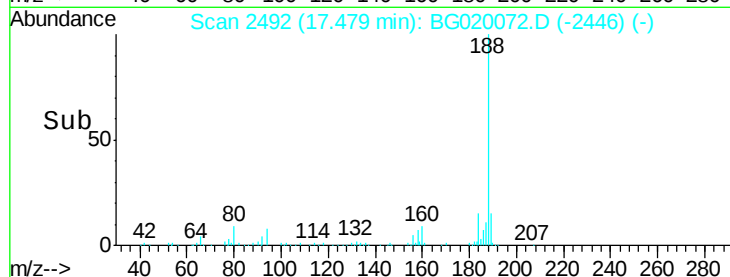
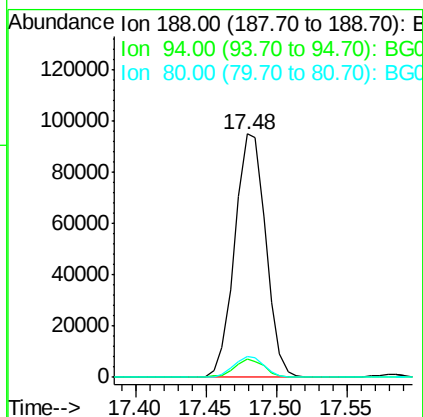
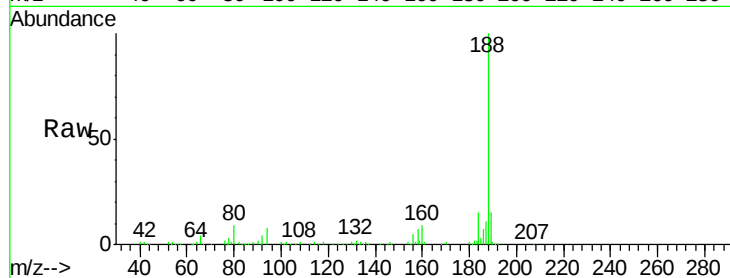




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020072.D
Acq: 10 Dec 2015 12:45

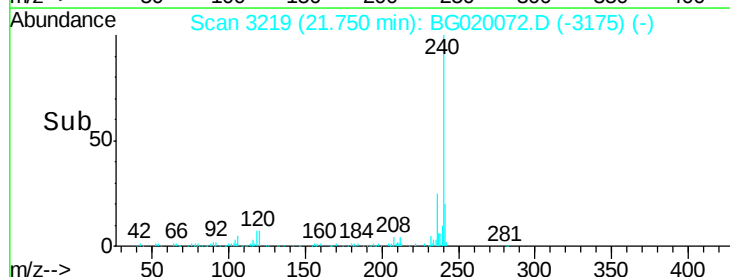
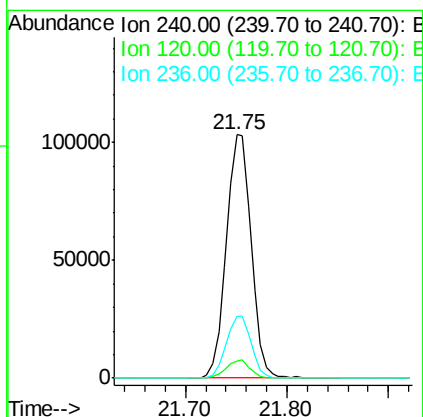
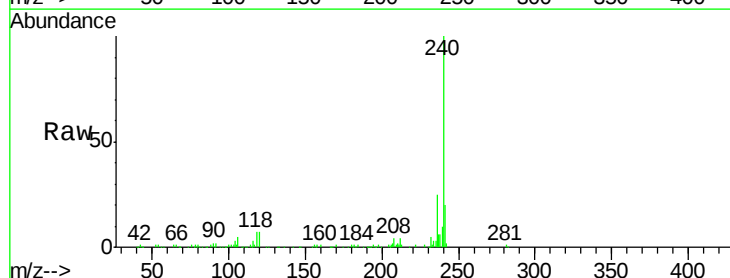
Instrument :
BNA_G
ClientSampleId :
S13-15

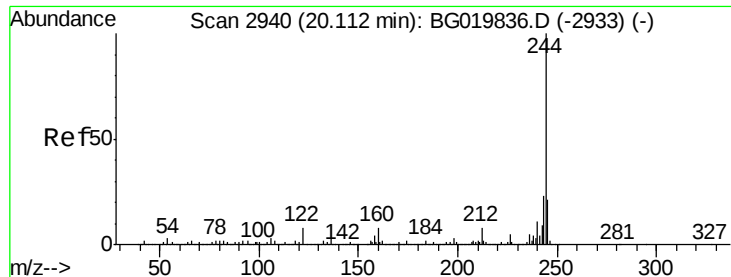
Tot Ion:188 Resp: 145841
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 8.5 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020072.D
Acq: 10 Dec 2015 12:45

Tgt Ion:240 Resp: 175561
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 25.2 20.7 31.1

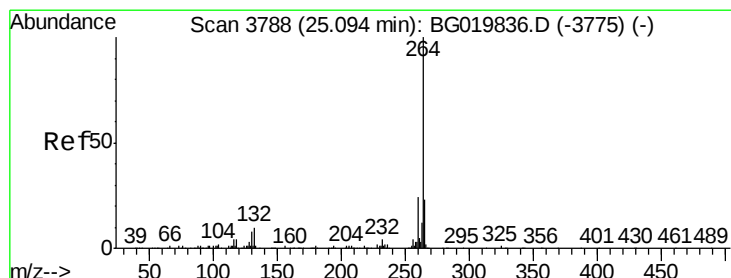
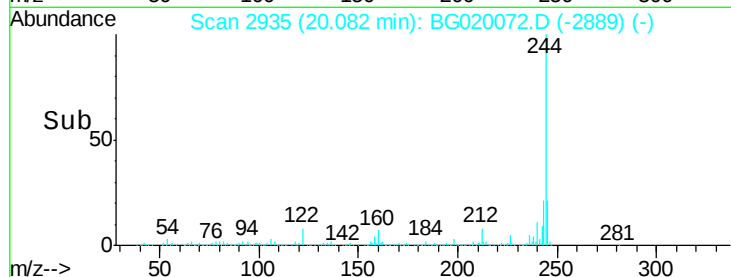
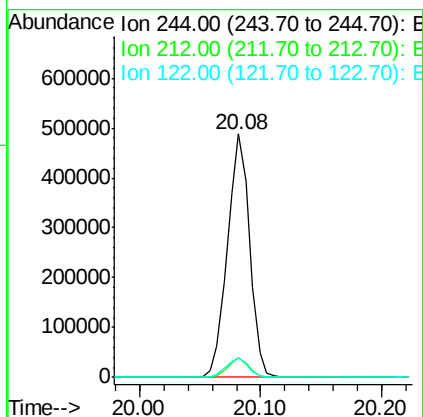
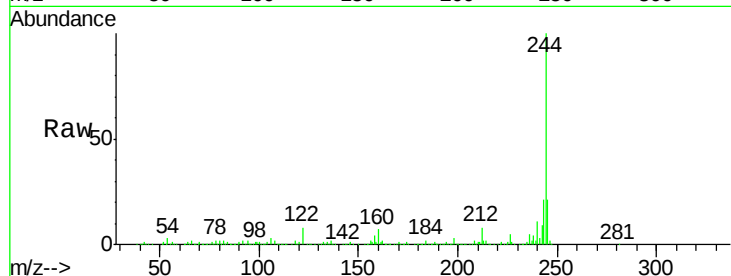




#78
 Terphenyl-d14
 Concen: 86.76 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020072.D
 Acq: 10 Dec 2015 12:45

Instrument :
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 S13-15

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	7.9	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG020072.D
 Acq: 10 Dec 2015 12:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	20.3	17.2	25.8

