

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
 Data File : BG023317.D
 Acq On : 28 Jul 2016 21:46
 Operator : UM/SJ
 Sample : H4205-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-40-14.0-15.0

Quant Time: Jul 29 01:31:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

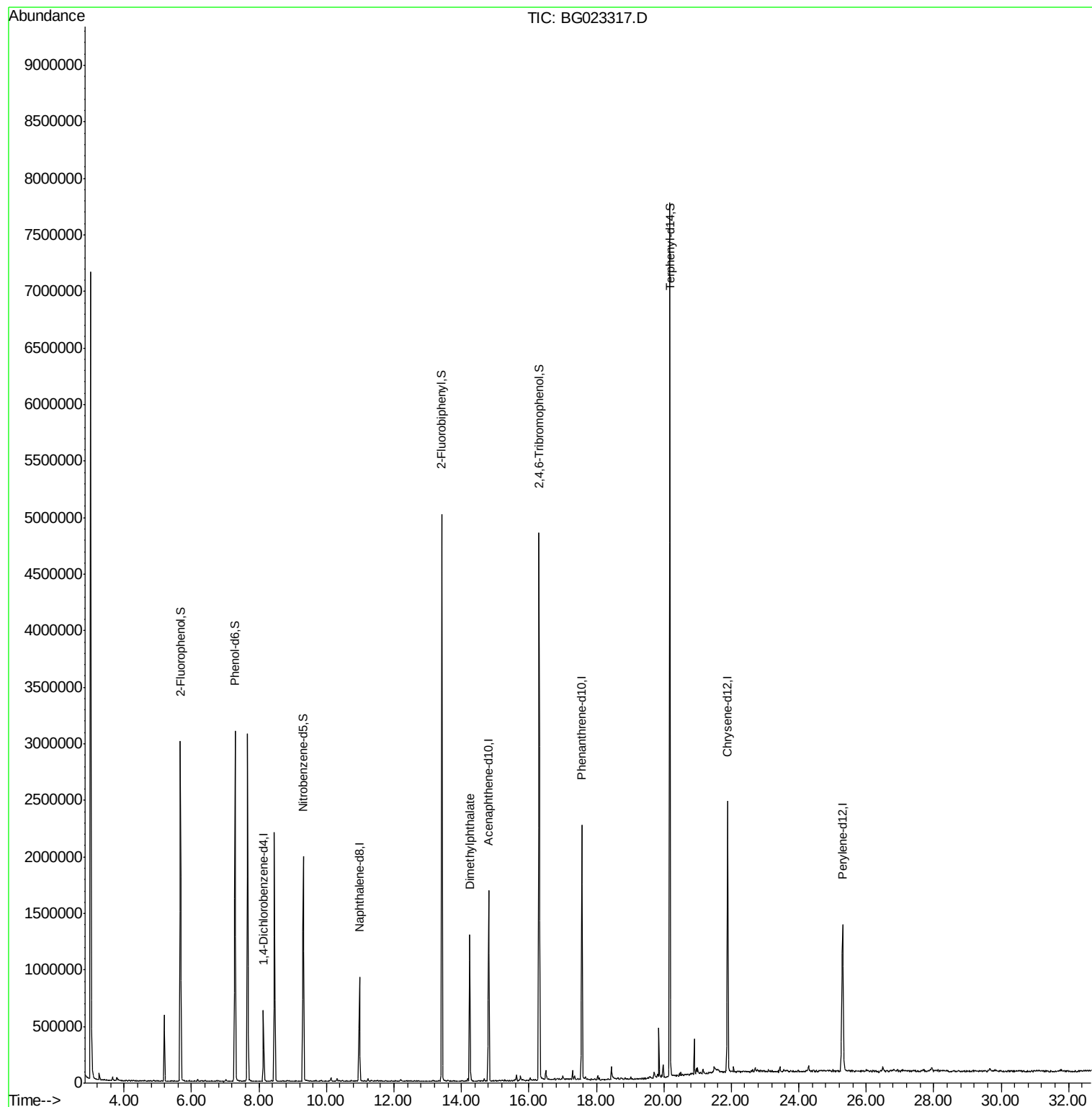
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	173717	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	789804	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	573680	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1313222	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1365514	20.00	ng	0.00
86) Perylene-d12	25.30	264	1385860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1278595	125.65	ng	0.00
7) Phenol-d6	7.29	99	1912814	122.44	ng	0.00
23) Nitrobenzene-d5	9.31	82	1275250	78.96	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	877086	147.71	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2440403	79.62	ng	0.00
78) Terphenyl-d14	20.18	244	2964709	70.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.25	163	830270	19.61	ng	Qvalue 99

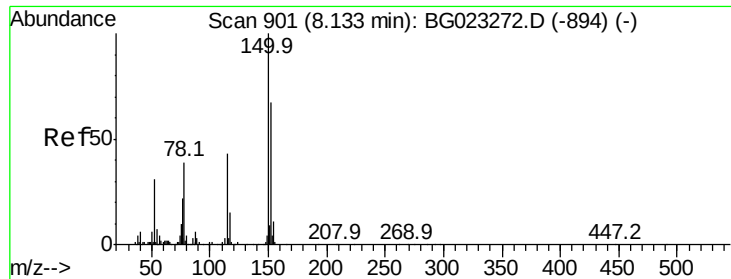
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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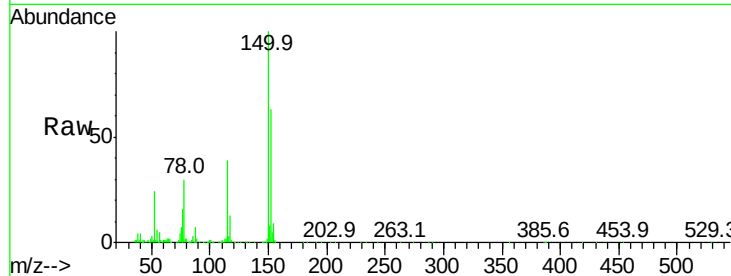


#1

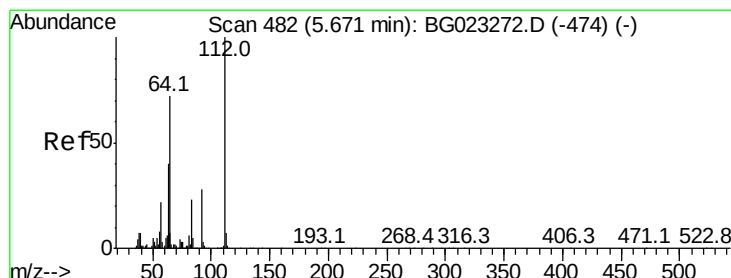
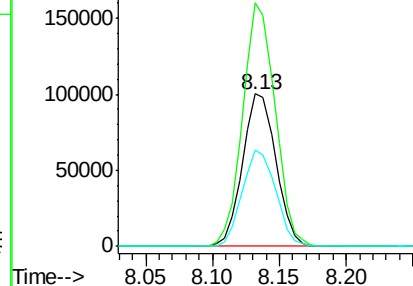
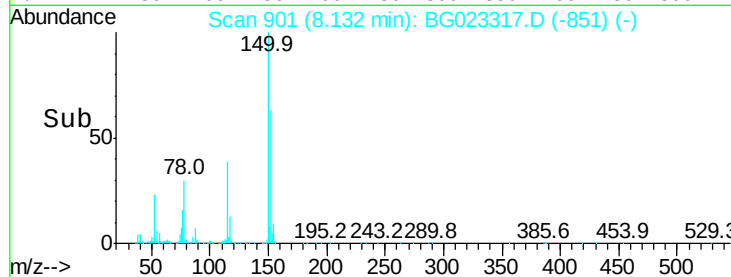
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023317.D
Acq: 28 Jul 2016 21:46

Instrument :
BNA_G
ClientSampleId :
SB-40-14.0-15.0

Tot Ion:152 Resp: 173717
Ion Ratio Lower Upper
152 100
150 159.8 144.7 217.1
115 63.0 64.0 96.0#



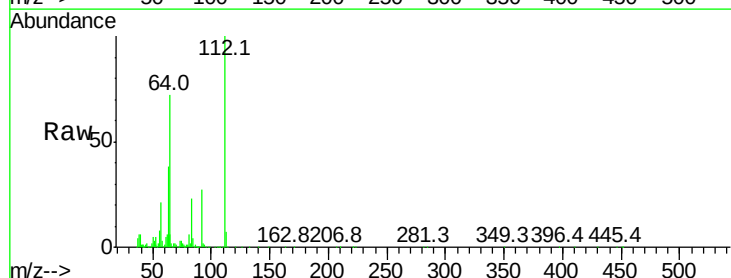
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



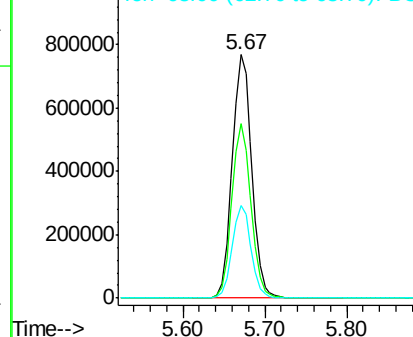
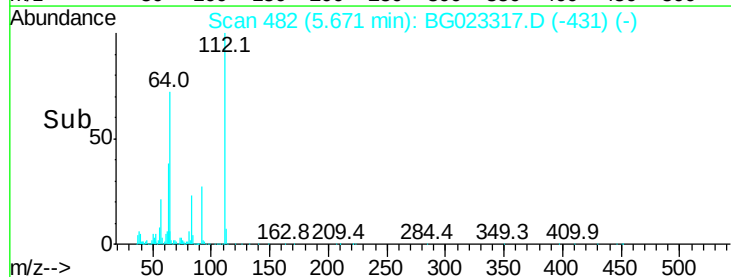
#5

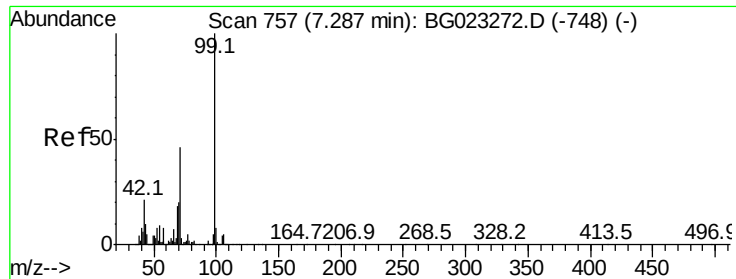
2-Fluorophenol
Concen: 125.65 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023317.D
Acq: 28 Jul 2016 21:46

Tgt Ion:112 Resp: 1278595
Ion Ratio Lower Upper
112 100
64 71.9 59.0 88.4
63 38.0 37.8 56.8



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





#7

Phenol-d6

Concen: 122.44 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023317.D

Acq: 28 Jul 2016 21:46

Instrument :

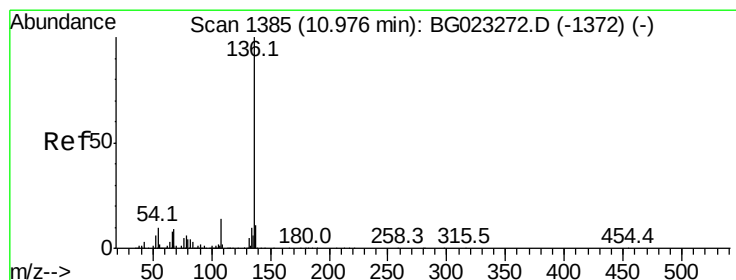
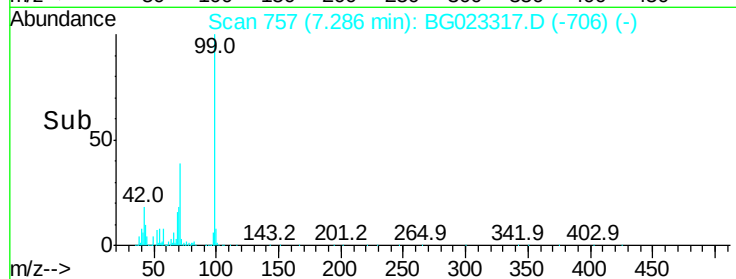
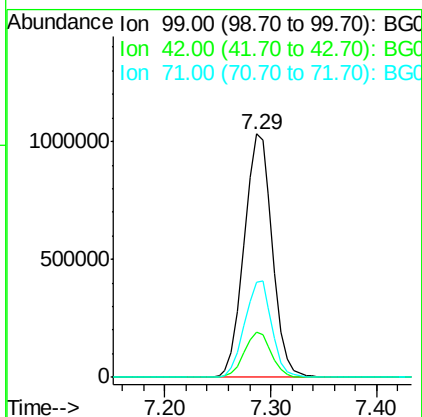
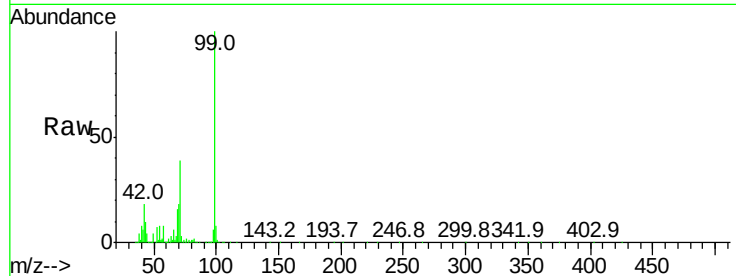
BNA_G

ClientSampleId :

SB-40-14.0-15.0

Tot Ion: 99 Resp: 1912814

Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.8	26.6
71	38.9	41.5	62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

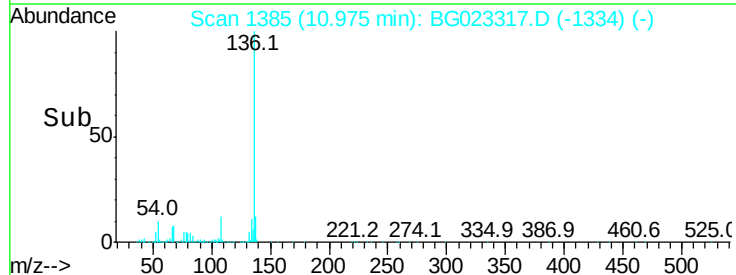
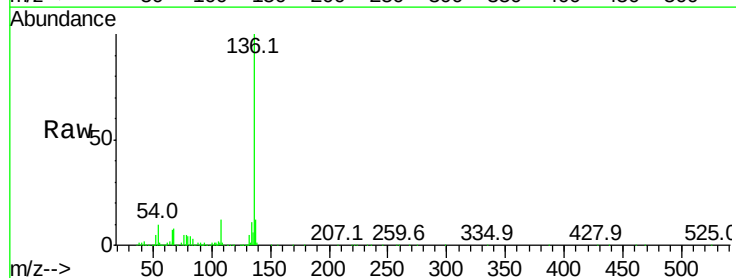
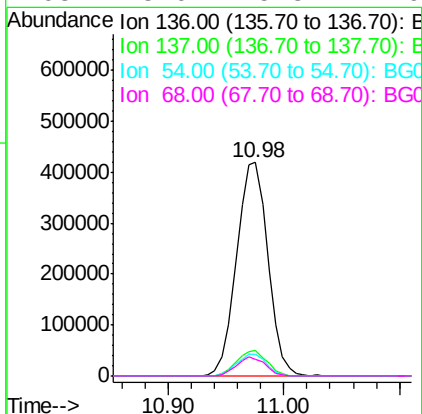
Delta R.T. -0.00 min

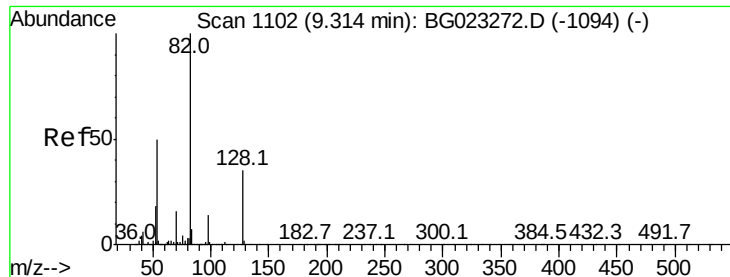
Lab File: BG023317.D

Acq: 28 Jul 2016 21:46

Tgt Ion:136 Resp: 789804

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	10.2	7.3	10.9
68	8.0	5.3	7.9#

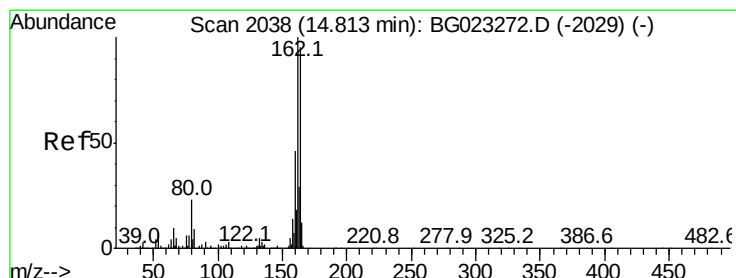
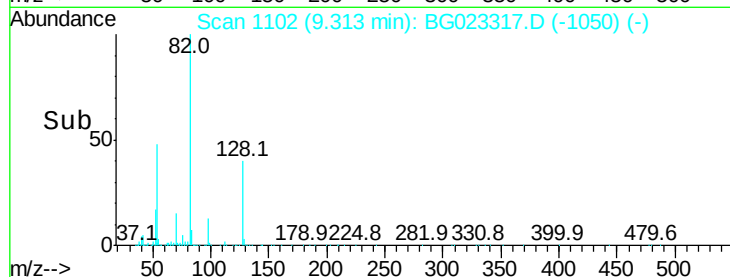
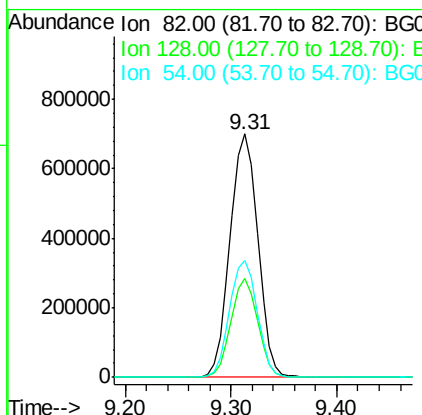
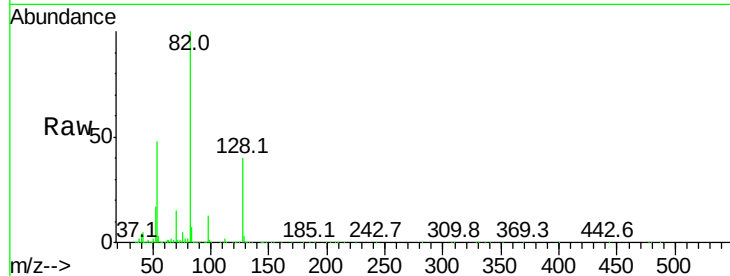




#23
 Nitrobenzene-d5
 Concen: 78.96 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023317.D
 Acq: 28 Jul 2016 21:46

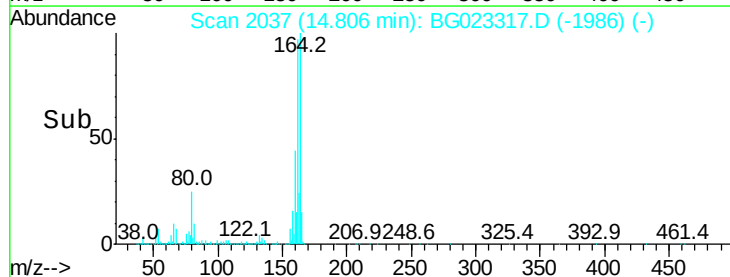
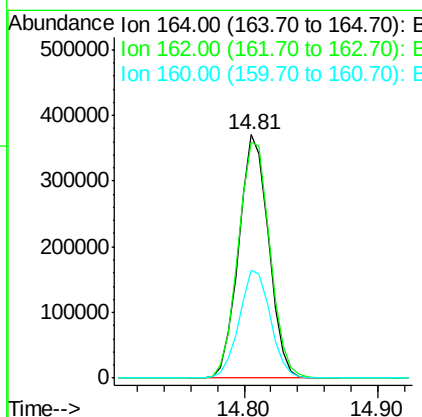
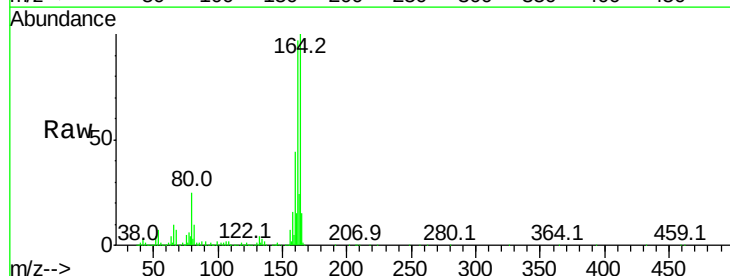
Instrument :
 BNA_G
 ClientSampleId :
 SB-40-14.0-15.0

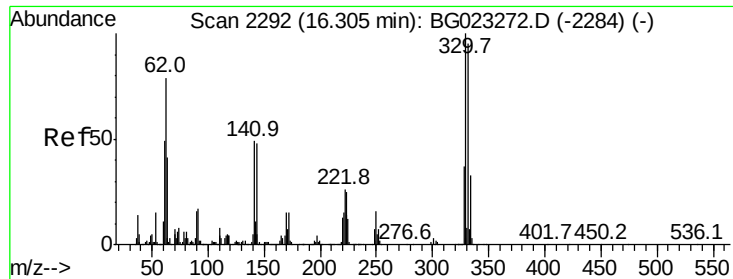
Tot Ion: 82 Resp: 1275250
 Ion Ratio Lower Upper
 82 100
 128 40.5 24.4 36.6#
 54 48.3 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023317.D
 Acq: 28 Jul 2016 21:46

Tgt Ion:164 Resp: 573680
 Ion Ratio Lower Upper
 164 100
 162 96.8 87.7 131.5
 160 44.5 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 147.71 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023317.D

Acq: 28 Jul 2016 21:46

Instrument :

BNA_G

ClientSampleId :

SB-40-14.0-15.0

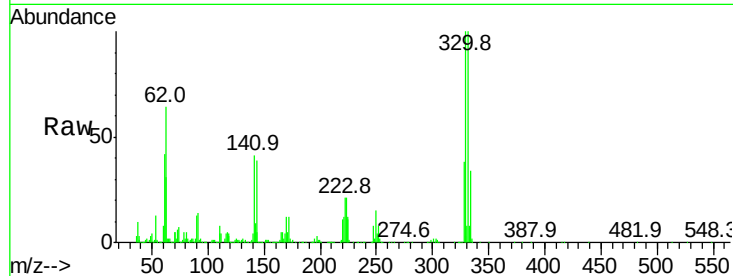
Tot Ion:330 Resp: 877086

Ion Ratio Lower Upper

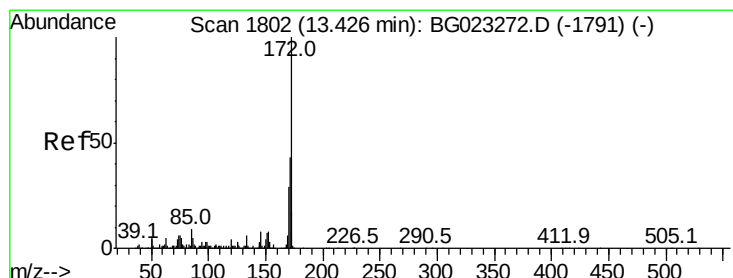
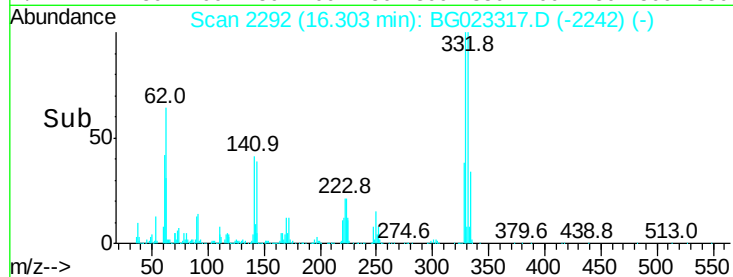
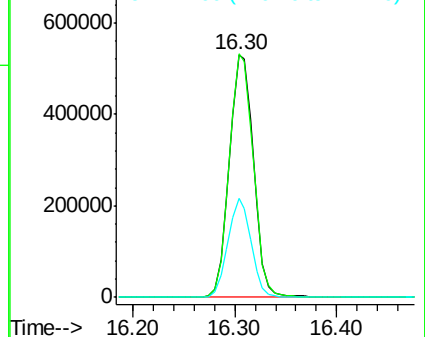
330 100

332 99.4 77.4 116.2

141 39.3 31.7 47.5



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: 79.62 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023317.D

Acq: 28 Jul 2016 21:46

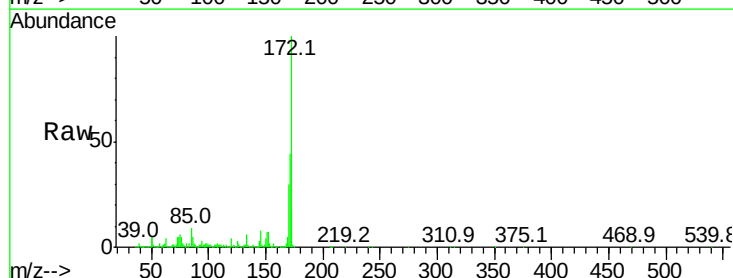
Tgt Ion:172 Resp: 2440403

Ion Ratio Lower Upper

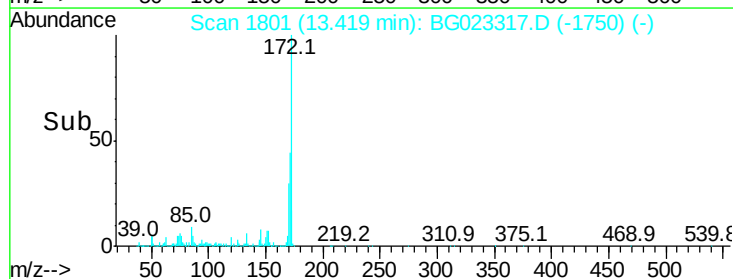
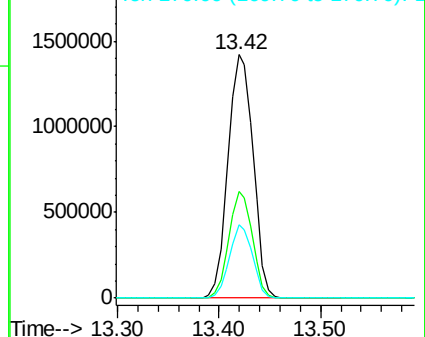
172 100

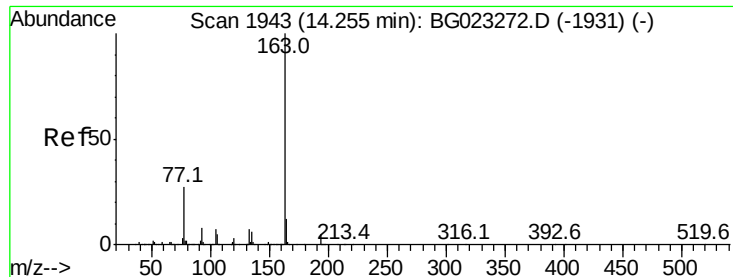
171 43.7 31.6 47.4

170 29.9 21.3 31.9



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: 19.61 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023317.D

Acq: 28 Jul 2016 21:46

Instrument :

BNA_G

ClientSampleId :

SB-40-14.0-15.0

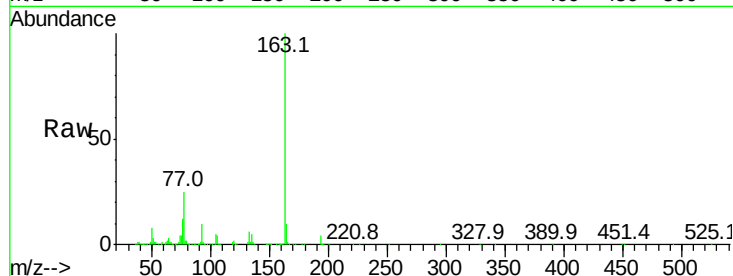
Tot Ion:163 Resp: 830270

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

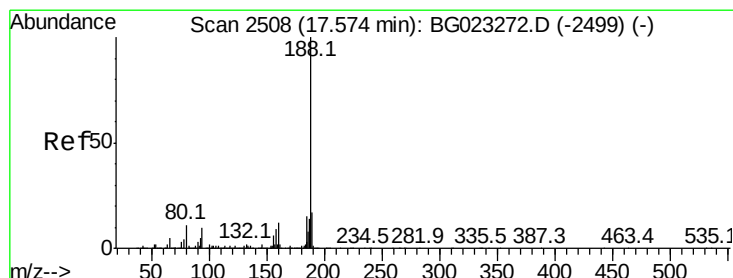
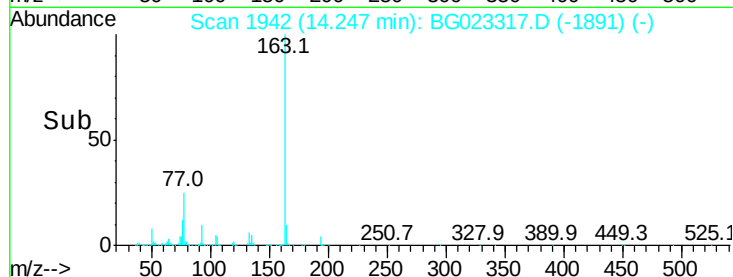
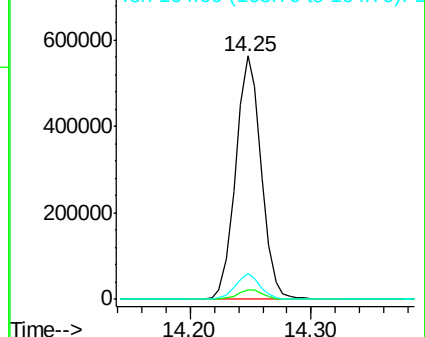
164 10.5 8.1 12.1



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: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023317.D

Acq: 28 Jul 2016 21:46

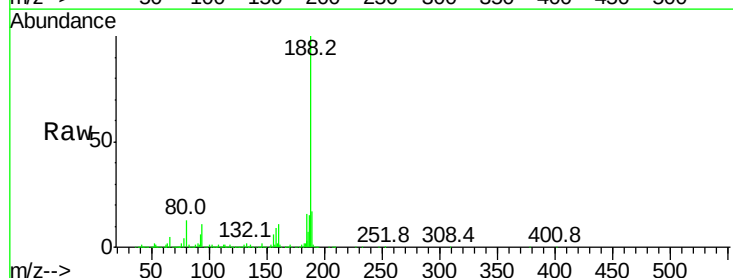
Tgt Ion:188 Resp: 1313222

Ion Ratio Lower Upper

188 100

94 11.3 5.2 7.8#

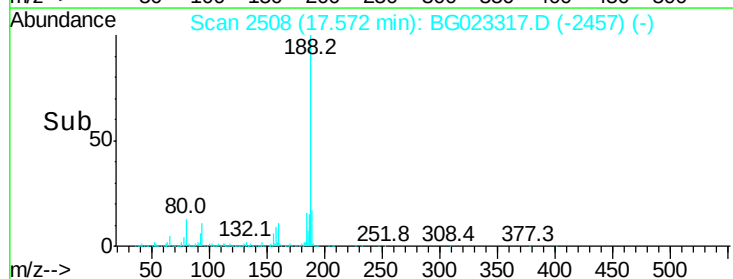
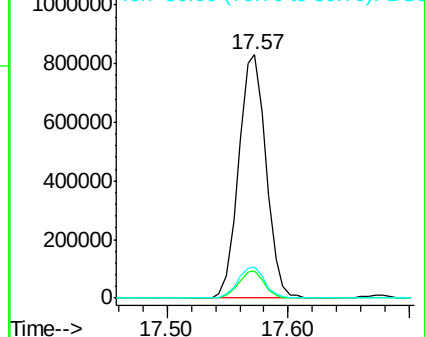
80 12.8 7.2 10.8#

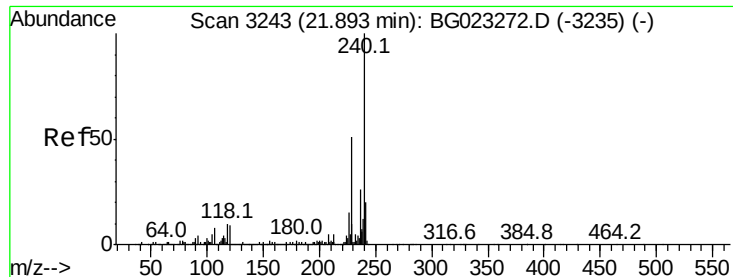


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

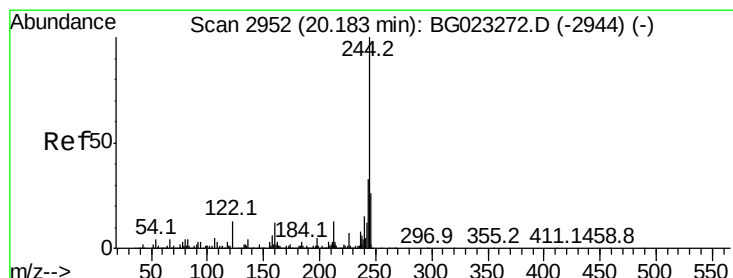
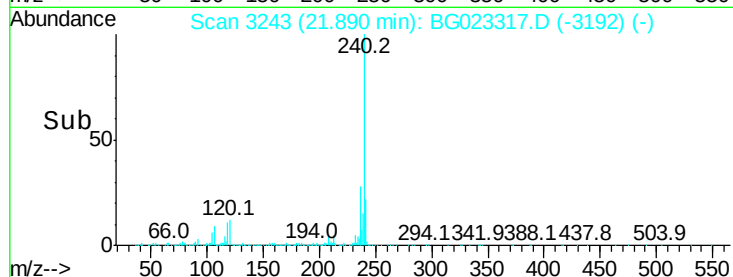
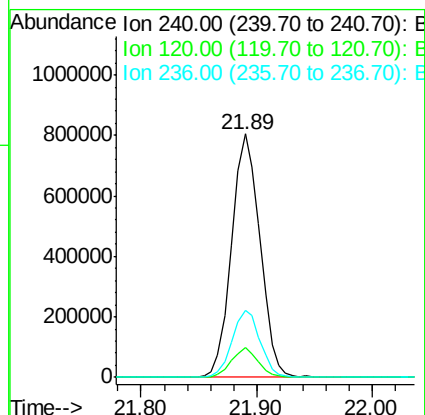
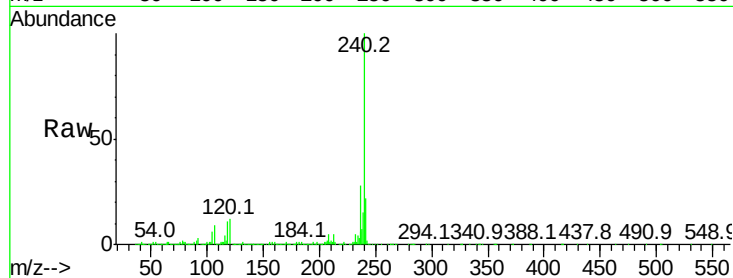




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023317.D
Acq: 28 Jul 2016 21:46

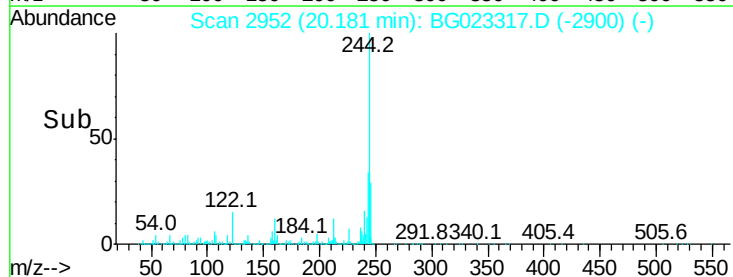
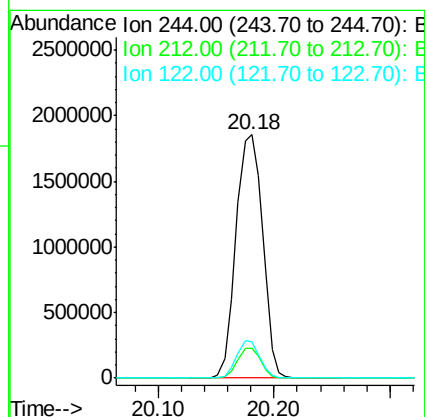
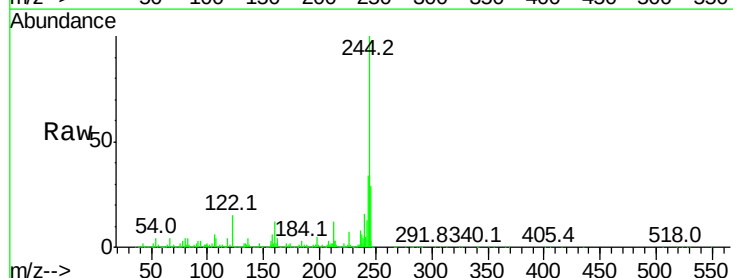
Instrument :
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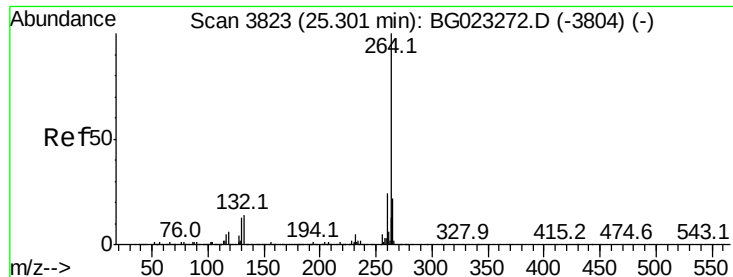
Tot Ion:240 Resp: 1365514
Ion Ratio Lower Upper
240 100
120 12.0 4.1 6.1#
236 27.7 21.1 31.7



#78
Terphenyl-d14
Concen: 70.58 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023317.D
Acq: 28 Jul 2016 21:46

Tgt Ion:244 Resp: 2964709
Ion Ratio Lower Upper
244 100
212 12.3 10.8 16.2
122 15.1 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023317.D
Acq: 28 Jul 2016 21:46

Instrument :
BNA_G
ClientSampleId :
SB-40-14.0-15.0

Tot Ion:264 Resp: 1385860

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.7	18.9	28.3

