

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
 Data File : BG023307.D
 Acq On : 28 Jul 2016 15:06
 Operator : UM/SJ
 Sample : H4205-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-37-4.5-5.5

Quant Time: Jul 29 01:14:52 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

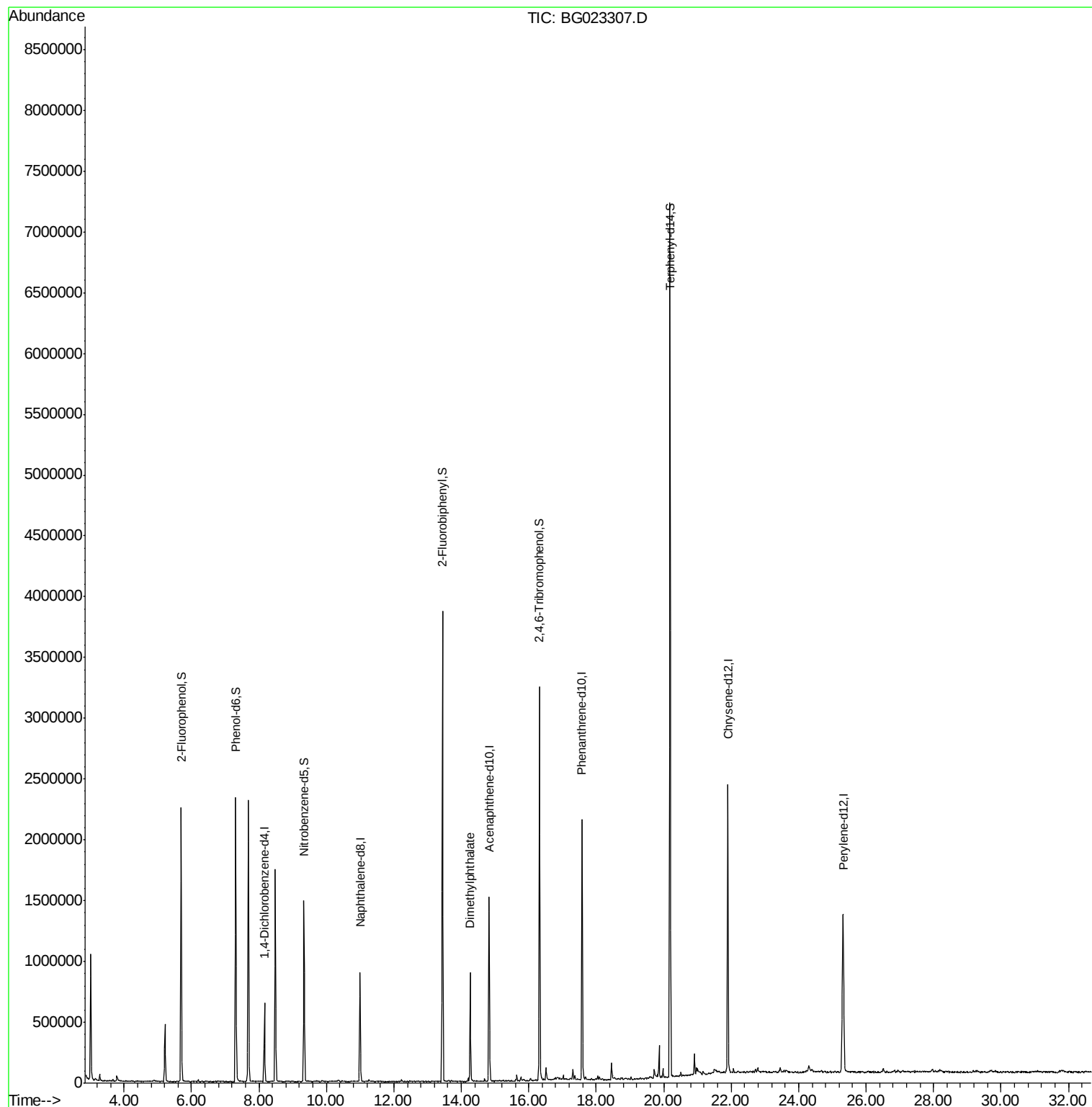
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	184002	20.00	ng	0.02
21) Naphthalene-d8	11.00	136	779358	20.00	ng	0.02
38) Acenaphthene-d10	14.82	164	523759	20.00	ng	0.01
63) Phenanthrene-d10	17.58	188	1281913	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1384153	20.00	ng	0.01
86) Perylene-d12	25.31	264	1394266	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	1017407	94.39	ng	0.02
7) Phenol-d6	7.31	99	1479978	89.44	ng	0.02
23) Nitrobenzene-d5	9.34	82	958909	60.17	ng	0.03
41) 2,4,6-Tribromophenol	16.32	330	587085	108.30	ng	0.01
44) 2-Fluorobiphenyl	13.44	172	1954372	69.84	ng	0.02
78) Terphenyl-d14	20.19	244	2715496	63.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	584029	15.11	ng	Qvalue 100

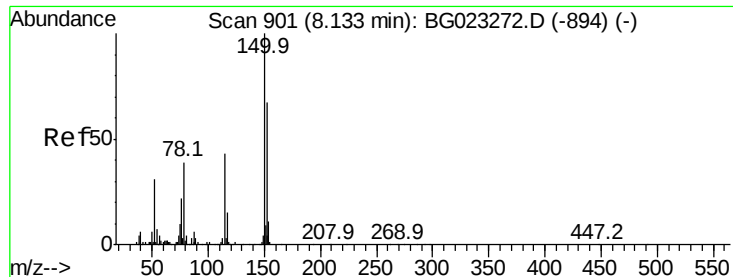
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. 0.02 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

BNA_G

ClientSampleId :

SB-37-4.5-5.5

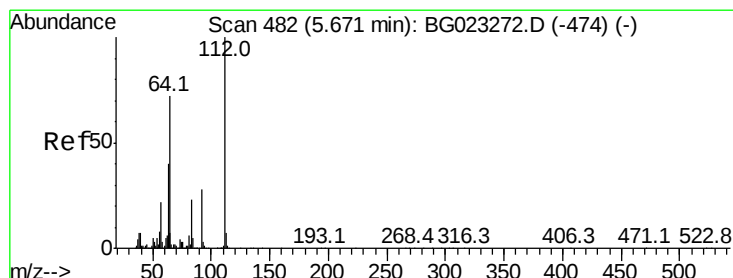
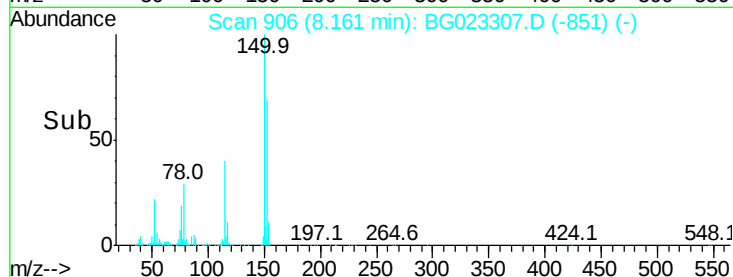
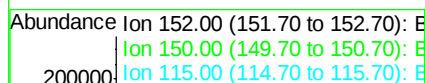
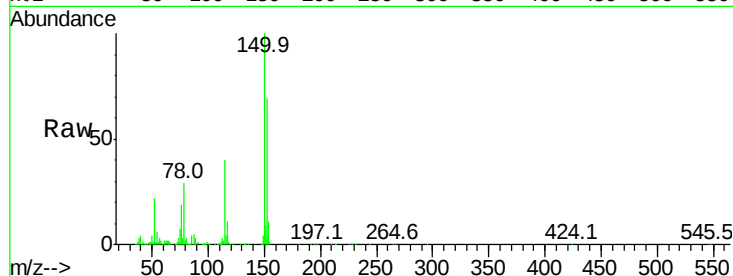
Tot Ion:152 Resp: 184002

Ion Ratio Lower Upper

152 100

150 145.1 144.7 217.1

115 57.6 64.0 96.0#



#5

2-Fluorophenol

Concen: 94.39 ng

RT: 5.69 min Scan# 486

Delta R.T. 0.02 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

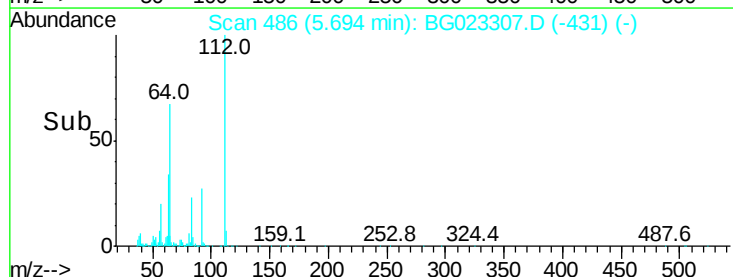
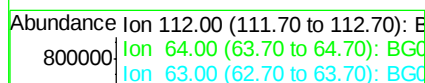
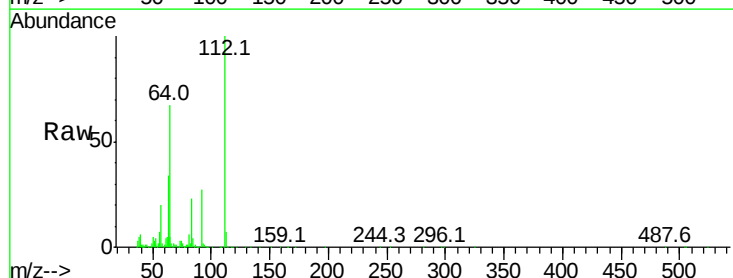
Tgt Ion:112 Resp: 1017407

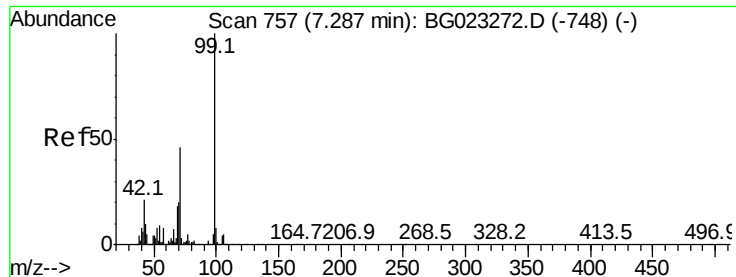
Ion Ratio Lower Upper

112 100

64 67.3 59.0 88.4

63 34.0 37.8 56.8#





#7

Phenol-d6

Concen: 89.44 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.02 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

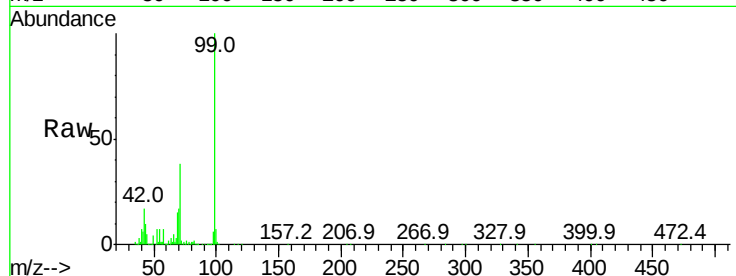
BNA_G

ClientSampleId :

SB-37-4.5-5.5

Tot Ion: 99 Resp: 1479978

Ion	Ratio	Lower	Upper
99	100		
42	17.0	17.8	26.6#
71	38.0	41.5	62.3#

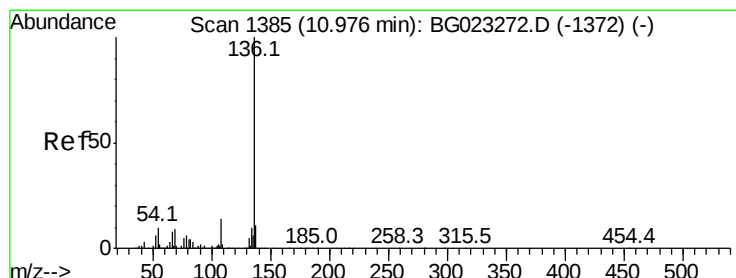
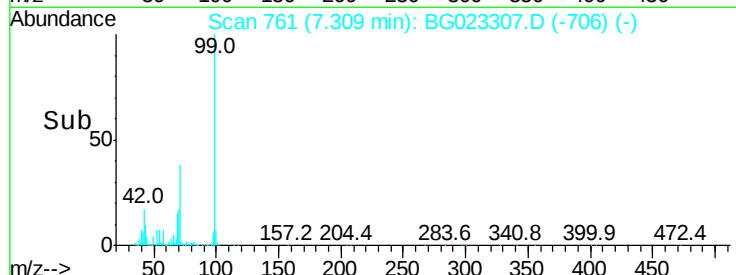
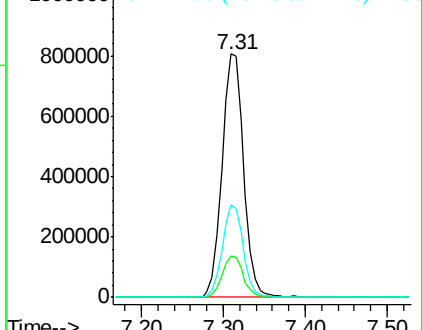


Abundance

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: 11.00 min Scan# 1389

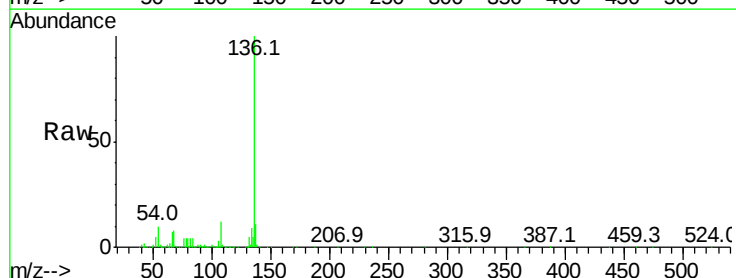
Delta R.T. 0.02 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Tgt Ion: 136 Resp: 779358

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.6	7.3	10.9
68	8.5	5.3	7.9#



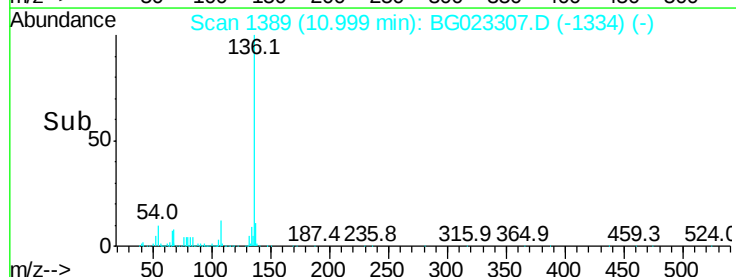
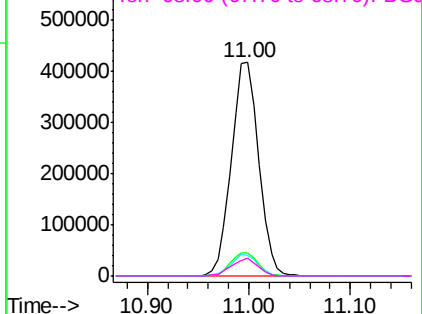
Abundance

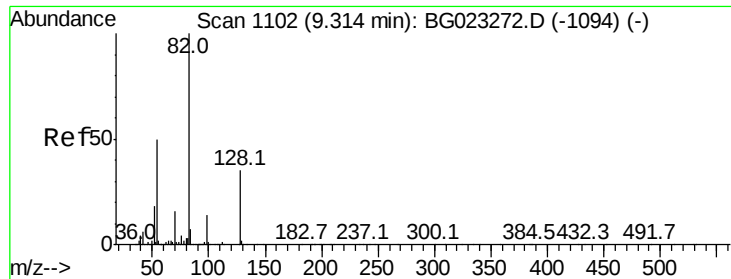
Ion 136.00 (135.70 to 136.70): BGC

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

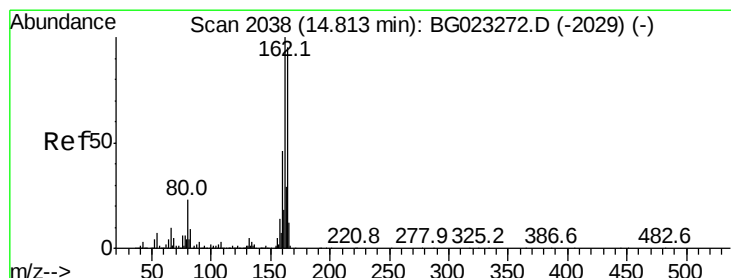
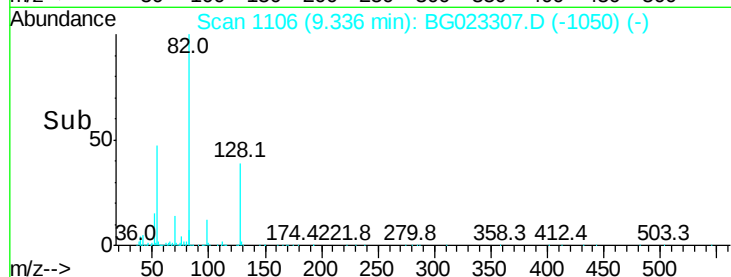
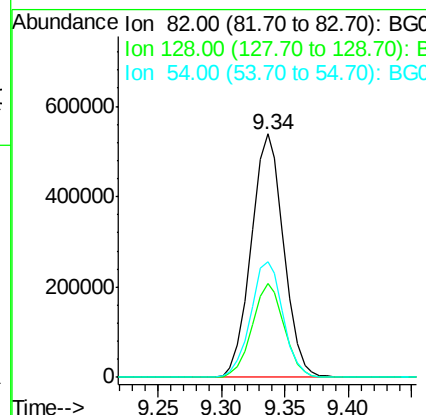
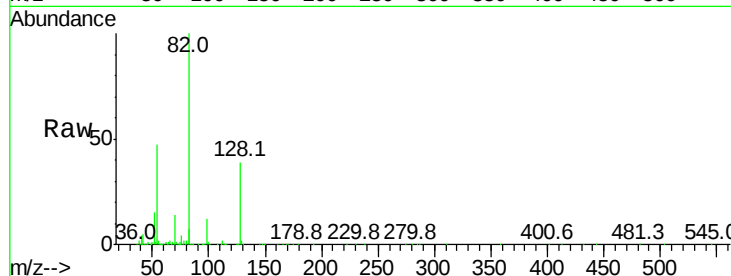




#23
 Nitrobenzene-d5
 Concen: 60.17 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.03 min
 Lab File: BG023307.D
 Acq: 28 Jul 2016 15:06

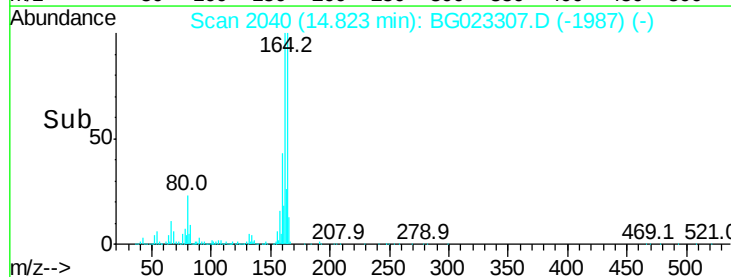
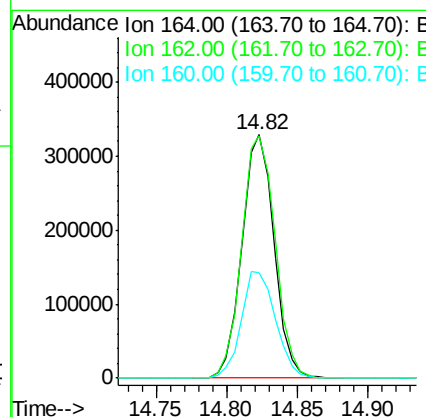
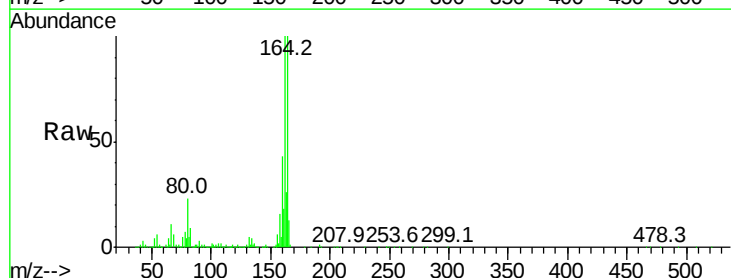
Instrument :
 BNA_G
 ClientSampleId :
 SB-37-4.5-5.5

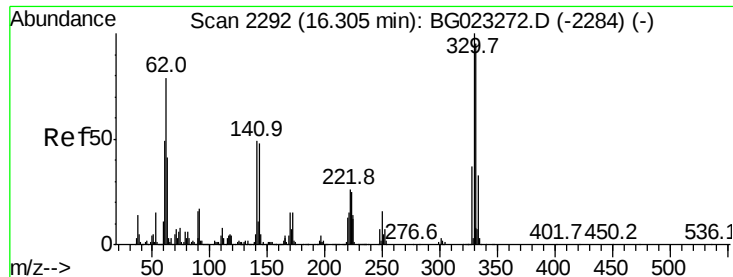
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	24.4	36.6#
54	47.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BG023307.D
 Acq: 28 Jul 2016 15:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	87.7	131.5
160	43.5	37.2	55.8

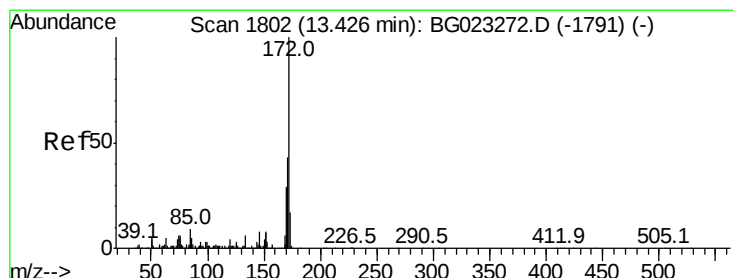
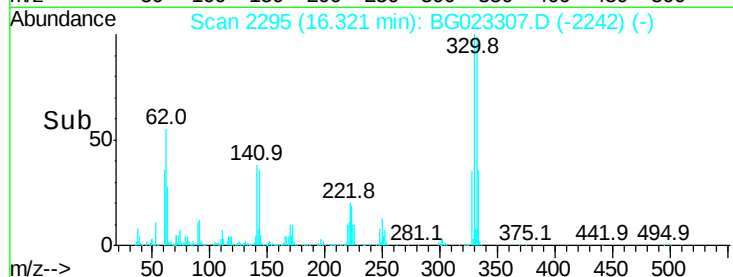
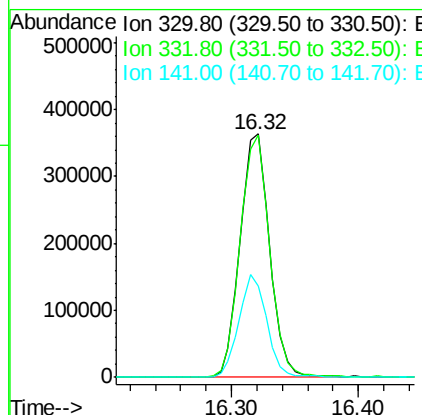
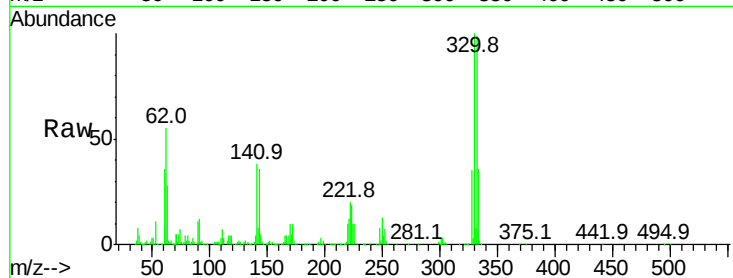




#41
 2,4,6-Tribromophenol
 Concen: 108.30 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BG023307.D
 Acq: 28 Jul 2016 15:06

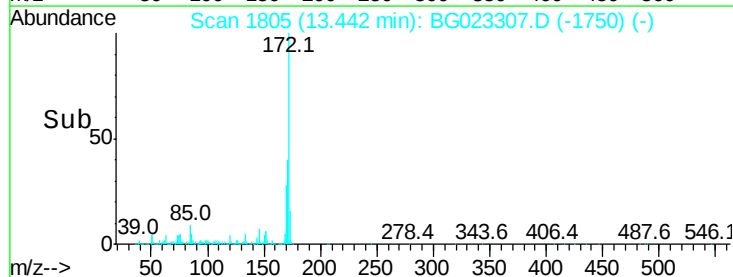
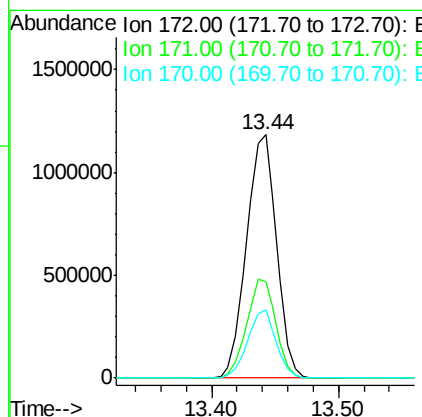
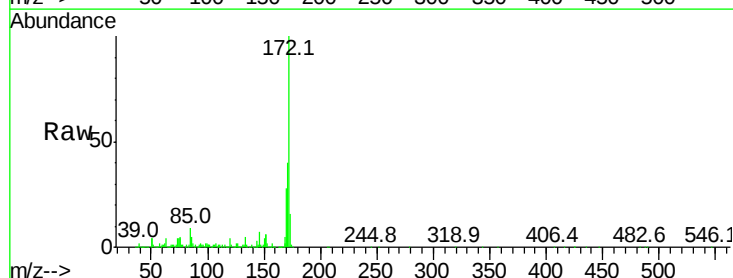
Instrument :
 BNA_G
 ClientSampleId :
 SB-37-4.5-5.5

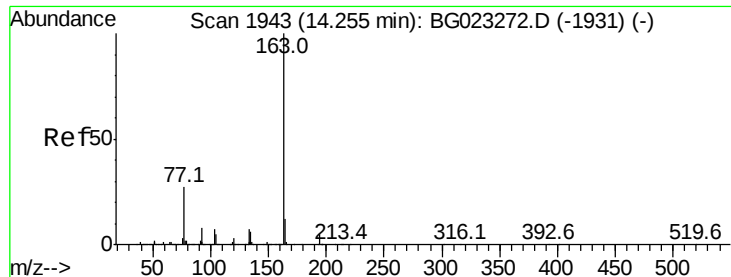
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.4	116.2
141	39.9	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 69.84 ng
 RT: 13.44 min Scan# 1805
 Delta R.T. 0.02 min
 Lab File: BG023307.D
 Acq: 28 Jul 2016 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.6	47.4
170	28.1	21.3	31.9





#49

Dimethylphthalate

Concen: 15.11 ng

RT: 14.26 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

BNA_G

ClientSampleId :

SB-37-4.5-5.5

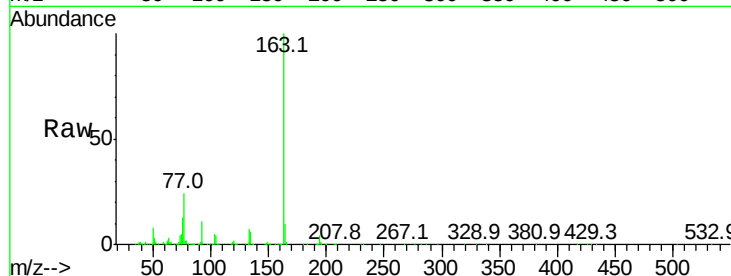
Tot Ion:163 Resp: 584029

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

164 10.0 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

400000

300000

200000

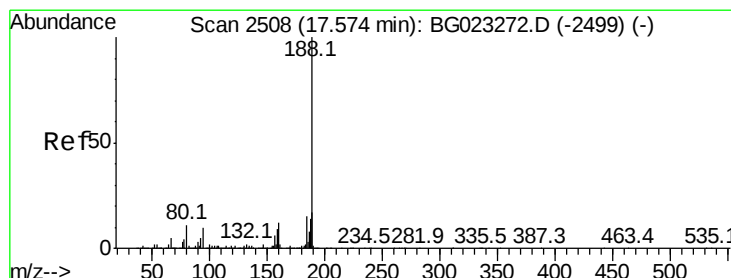
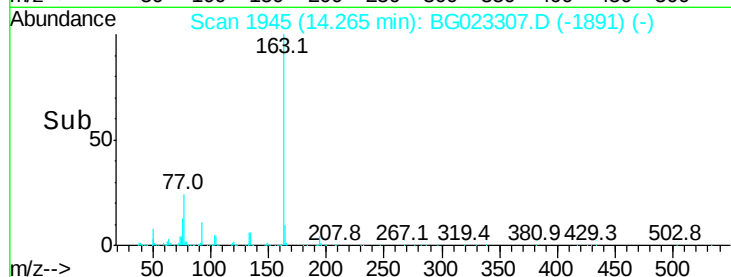
100000

0

14.26

14.20 14.30

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2509

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

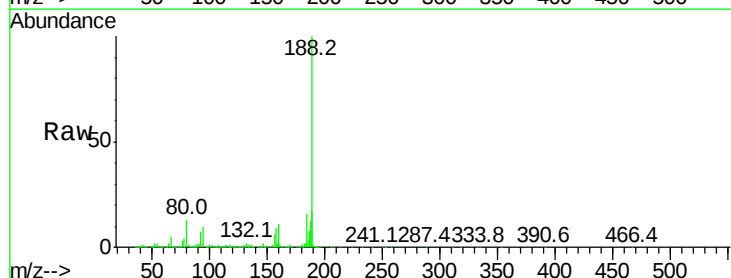
Tgt Ion:188 Resp: 1281913

Ion Ratio Lower Upper

188 100

94 10.5 5.2 7.8#

80 12.9 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

1000000

800000

600000

400000

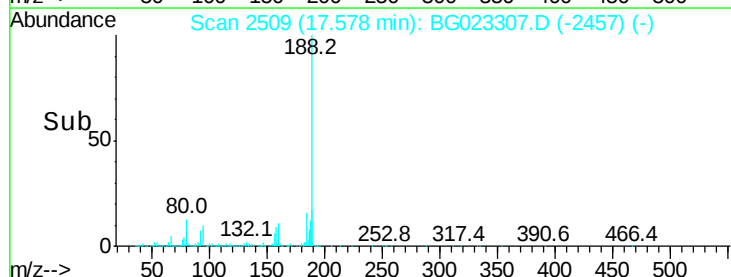
200000

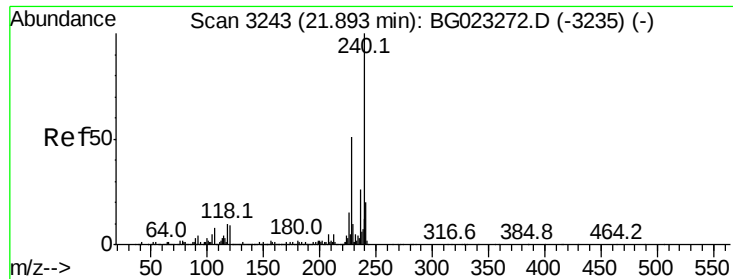
0

17.58

17.50 17.60

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

Instrument :

BNA_G

ClientSampleId :

SB-37-4.5-5.5

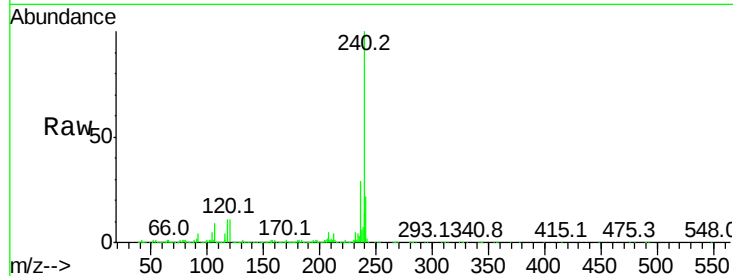
Tot Ion:240 Resp: 1384153

Ion Ratio Lower Upper

240 100

120 11.0 4.1 6.1#

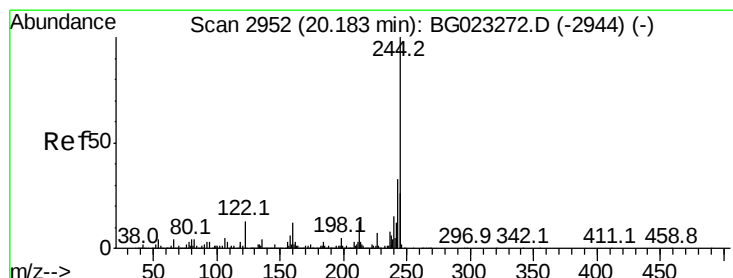
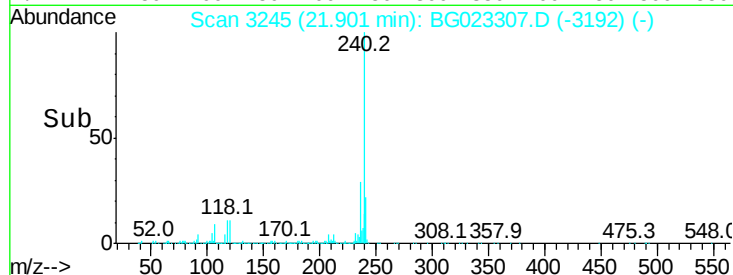
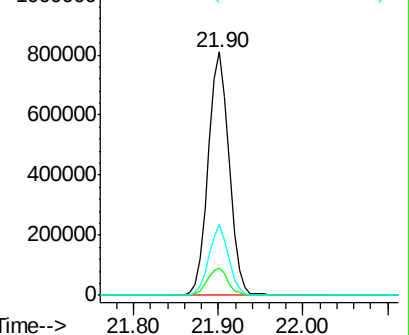
236 29.0 21.1 31.7



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: 63.77 ng

RT: 20.19 min Scan# 2953

Delta R.T. 0.01 min

Lab File: BG023307.D

Acq: 28 Jul 2016 15:06

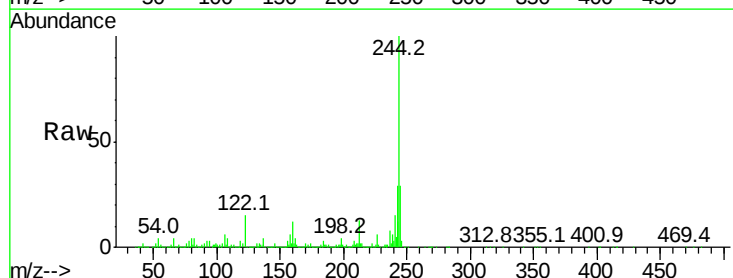
Tgt Ion:244 Resp: 2715496

Ion Ratio Lower Upper

244 100

212 12.5 10.8 16.2

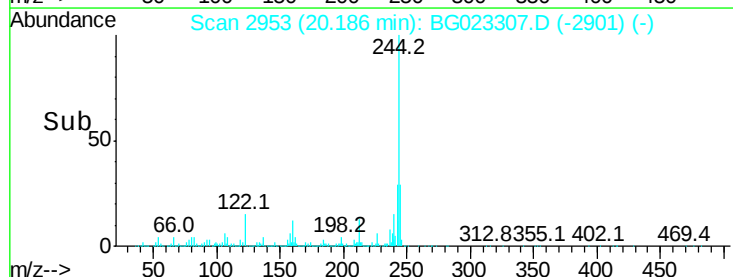
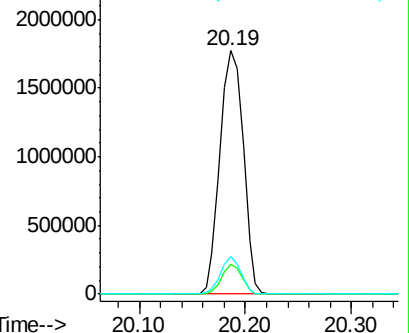
122 15.3 8.0 12.0#

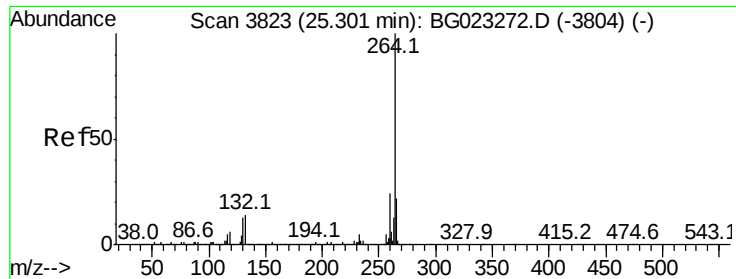


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.31 min Scan# 3826
Delta R.T. 0.01 min
Lab File: BG023307.D
Acq: 28 Jul 2016 15:06

Instrument :
BNA_G
ClientSampleId :
SB-37-4.5-5.5

Tot Ion:264 Resp: 1394266

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.4	18.9	28.3

