

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023041.D
 Acq On : 12 Jul 2016 18:04
 Operator : UM/SJ
 Sample : H3937-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-2A-7-9

Quant Time: Jul 13 01:36:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

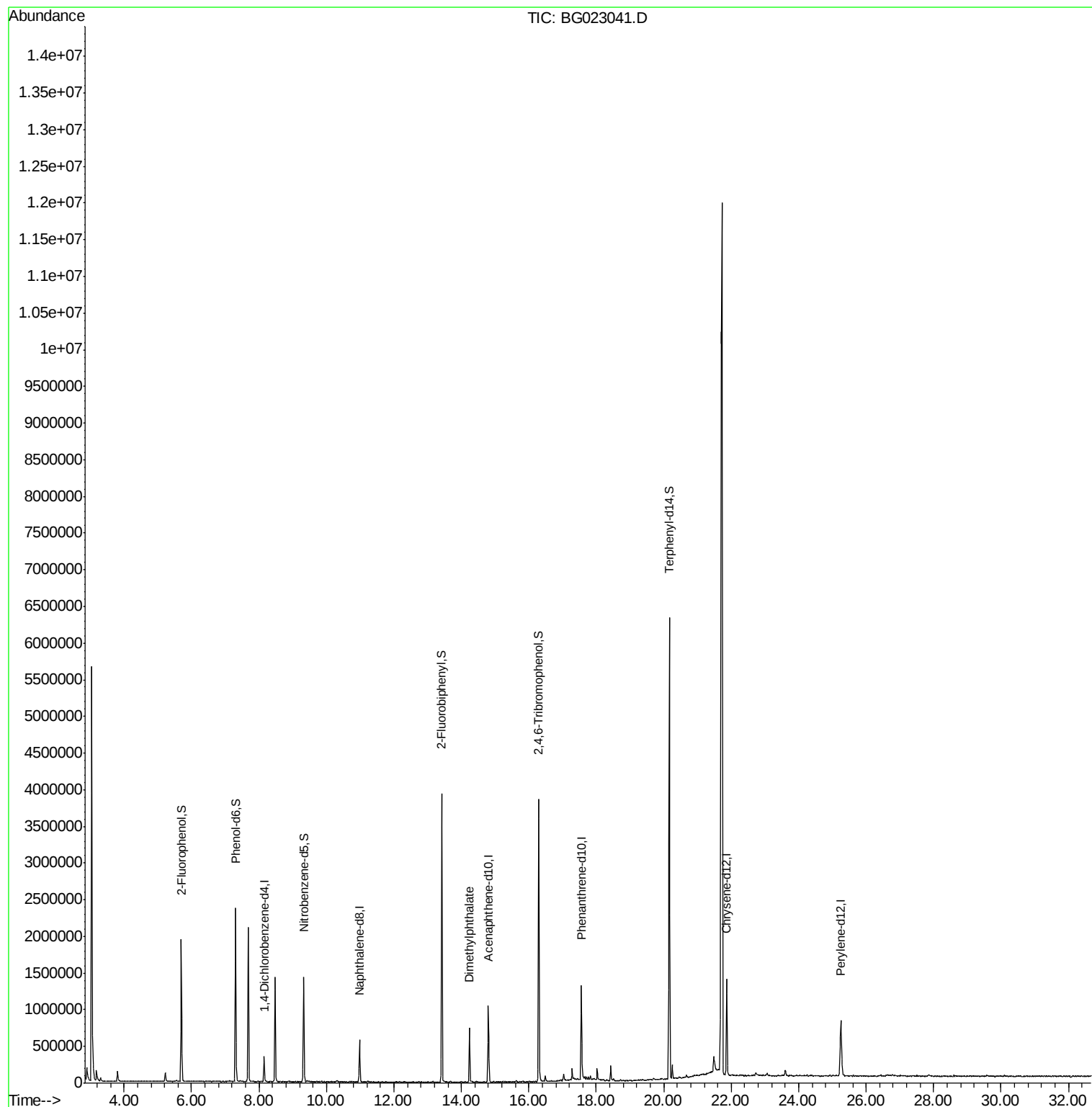
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	87207	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	443848	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	356377	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	790348	20.00	ng	0.00
75) Chrysene-d12	21.86	240	884165	20.00	ng	0.02
86) Perylene-d12	25.25	264	889344	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	787824	147.75	ng	0.00
7) Phenol-d6	7.31	99	1291114	154.60	ng	0.00
23) Nitrobenzene-d5	9.32	82	938739	90.56	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	705044	110.08	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1898019	83.89	ng	0.00
78) Terphenyl-d14	20.16	244	2470989	91.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	453571	15.58	ng	Qvalue 99

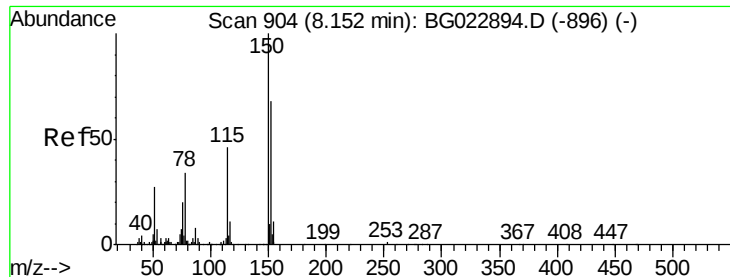
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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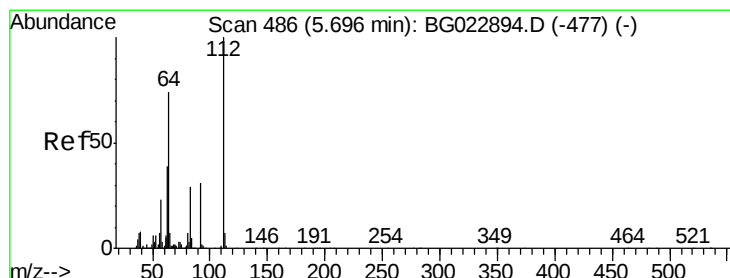
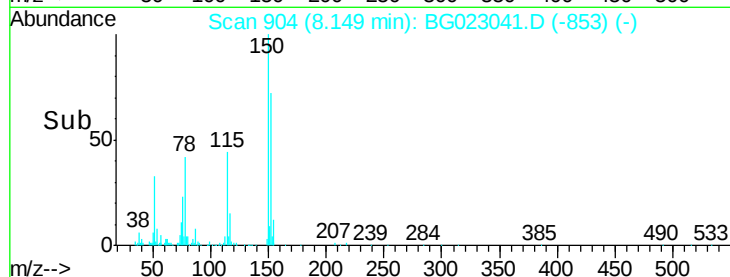
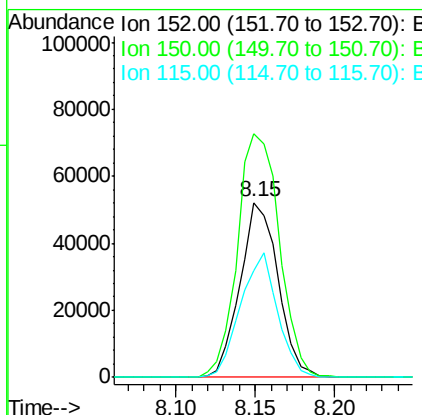
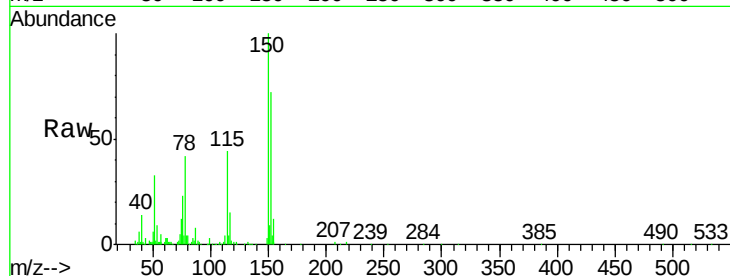


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023041.D
Acq: 12 Jul 2016 18:04

Instrument :
BNA_G
ClientSampleId :
LOCATION-2A-7-9

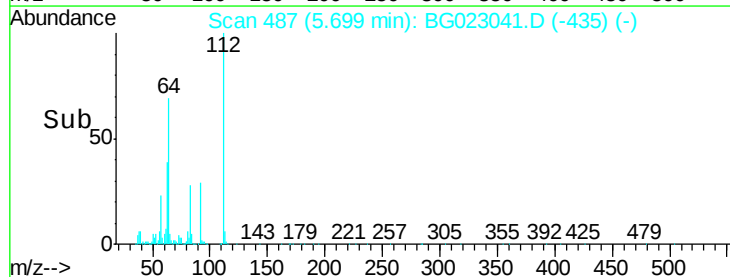
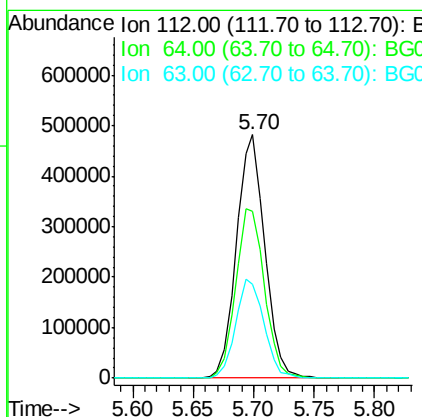
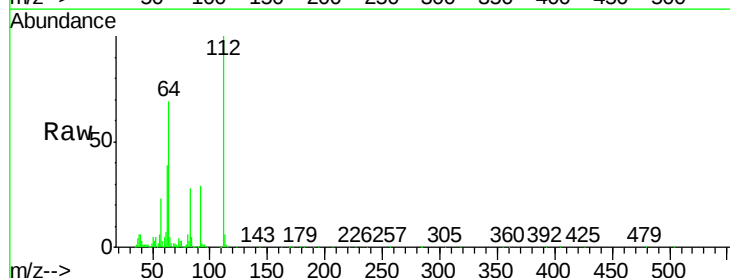
Tot Ion:152 Resp: 87207
Ion Ratio Lower Upper
152 100
150 139.5 144.7 217.1#
115 61.3 64.0 96.0#

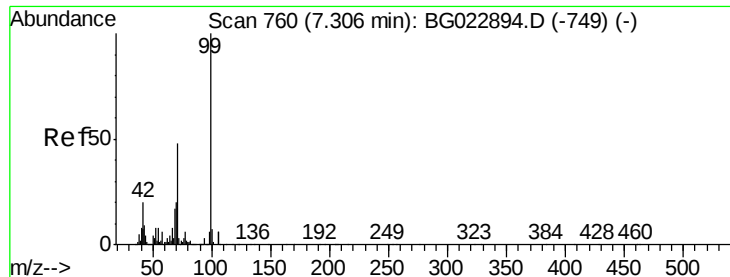


#5

2-Fluorophenol
Concen: 147.75 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023041.D
Acq: 12 Jul 2016 18:04

Tgt Ion:112 Resp: 787824
Ion Ratio Lower Upper
112 100
64 68.7 59.0 88.4
63 38.7 37.8 56.8





#7

Phenol-d6

Concen: 154.60 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

Instrument :

BNA_G

ClientSampleId :

LOCATION-2A-7-9

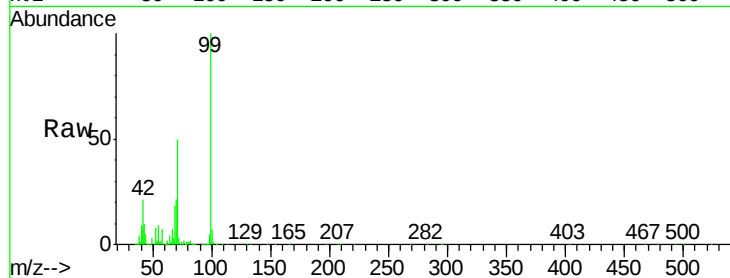
Tot Ion: 99 Resp: 1291114

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.8	26.6
71	49.8	41.5	62.3

99 100

42 21.2 17.8 26.6

71 49.8 41.5 62.3

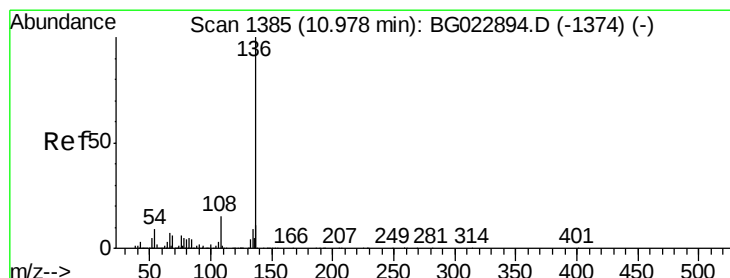
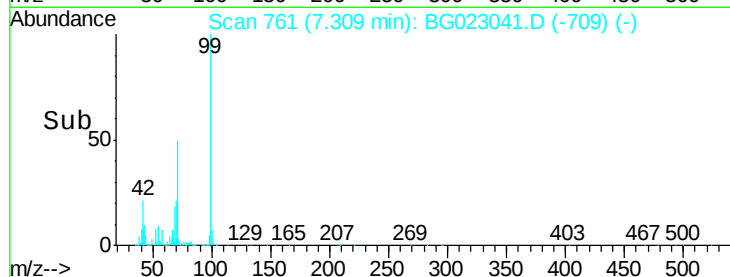
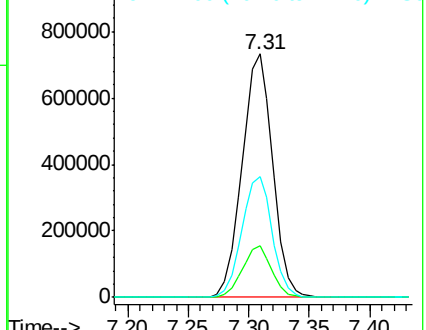


Abundance

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: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

Tgt Ion: 136 Resp: 443848

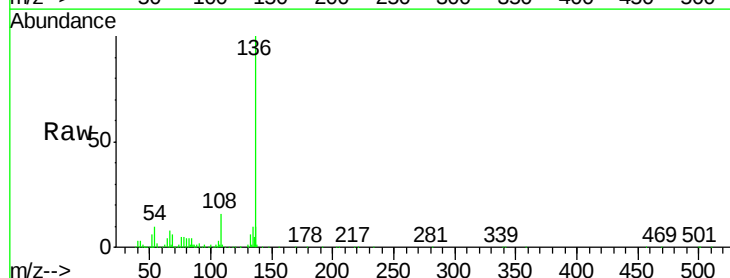
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	9.7	7.3	10.9
68	5.5	5.3	7.9

136 100

137 10.2 9.6 14.4

54 9.7 7.3 10.9

68 5.5 5.3 7.9



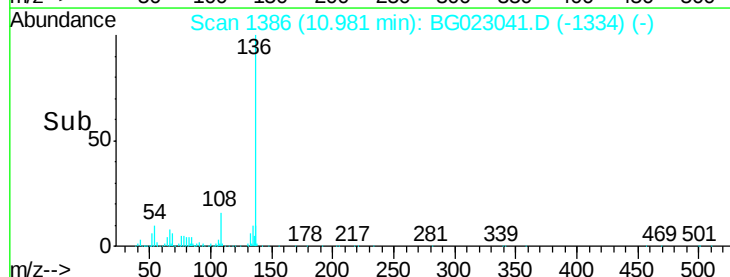
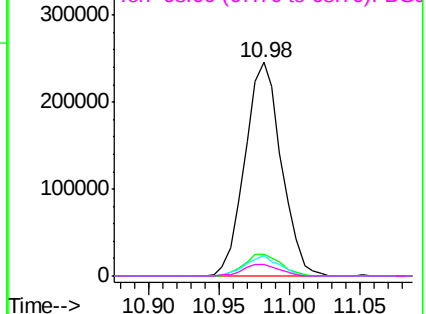
Abundance

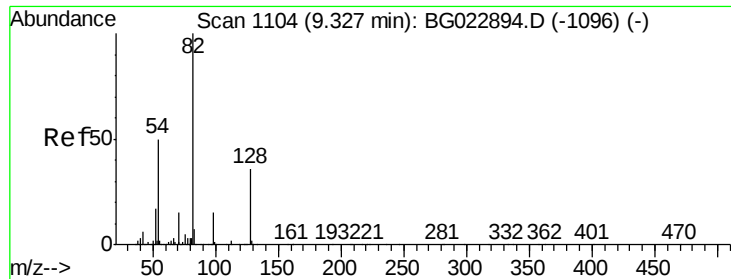
Ion 136.00 (135.70 to 136.70): BGC

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

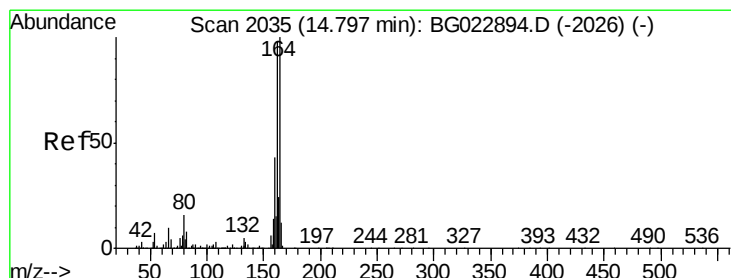
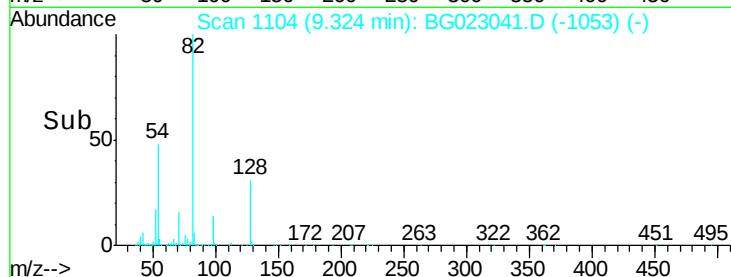
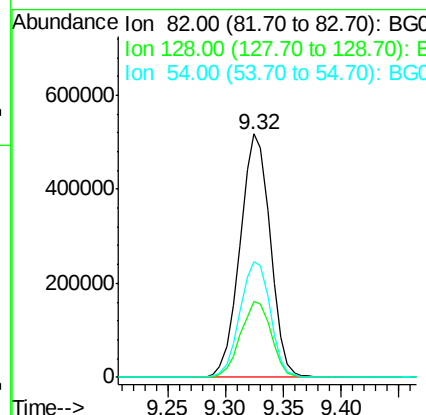
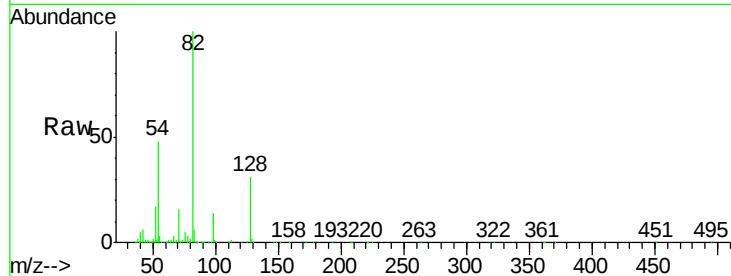




#23
 Nitrobenzene-d5
 Concen: 90.56 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023041.D
 Acq: 12 Jul 2016 18:04

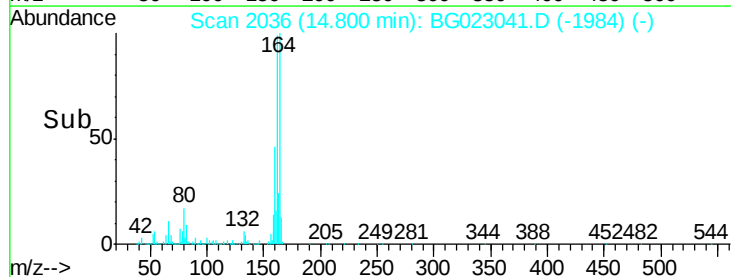
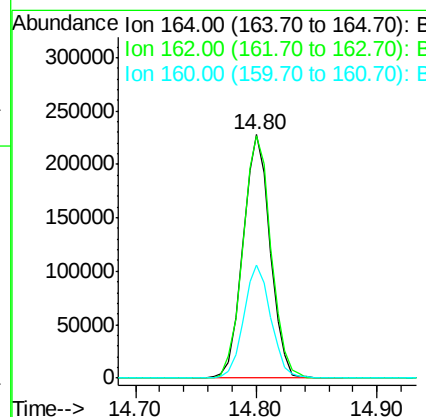
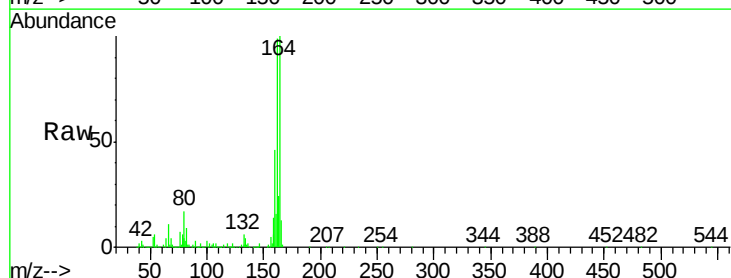
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-2A-7-9

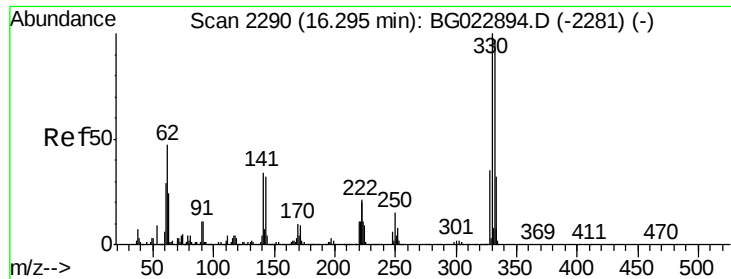
Tot Ion	82	Resp	938739
Ion Ratio	Lower	Upper	
82	100		
128	30.9	24.4	36.6
54	47.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023041.D
 Acq: 12 Jul 2016 18:04

Tgt Ion	164	Resp	356377
Ion Ratio	Lower	Upper	
164	100		
162	99.4	87.7	131.5
160	46.4	37.2	55.8

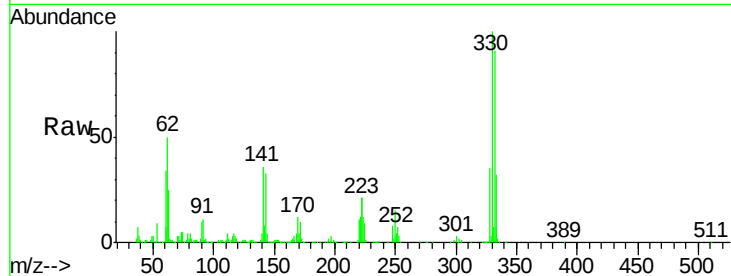




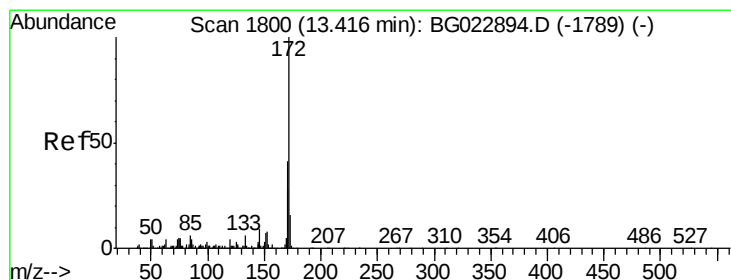
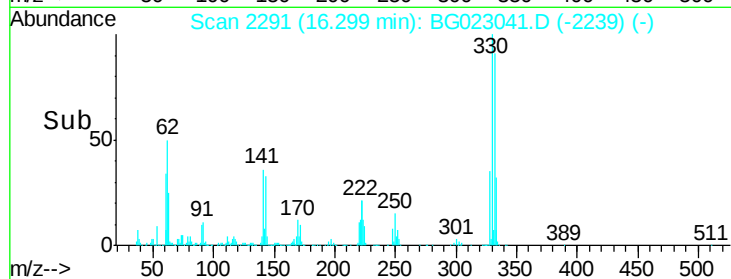
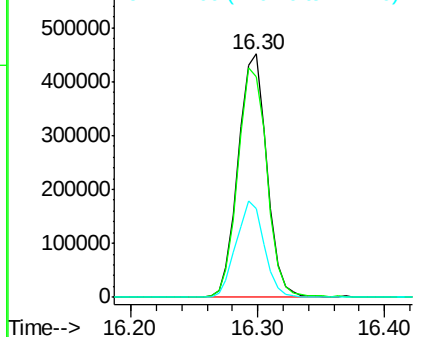
#41
 2,4,6-Tribromophenol
 Concen: 110.08 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023041.D
 Acq: 12 Jul 2016 18:04

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-2A-7-9

Tot Ion:330 Resp: 705044
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 39.1 31.7 47.5

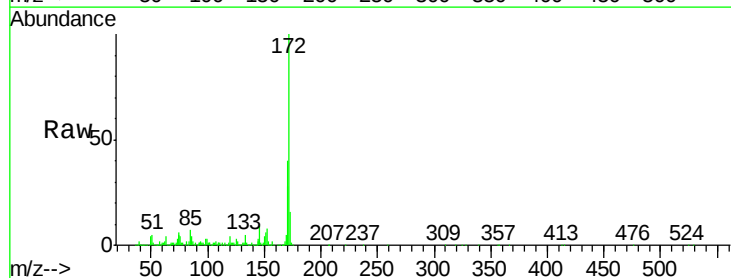


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

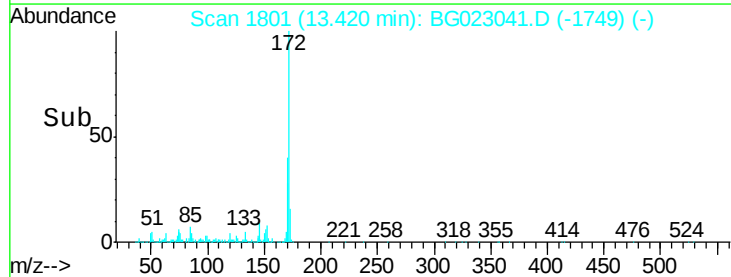
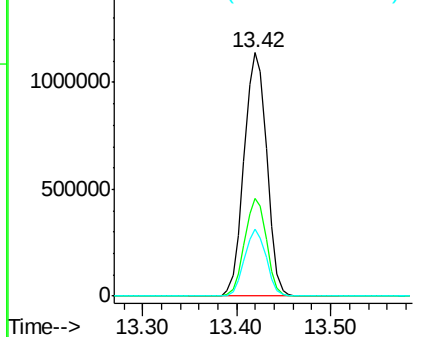


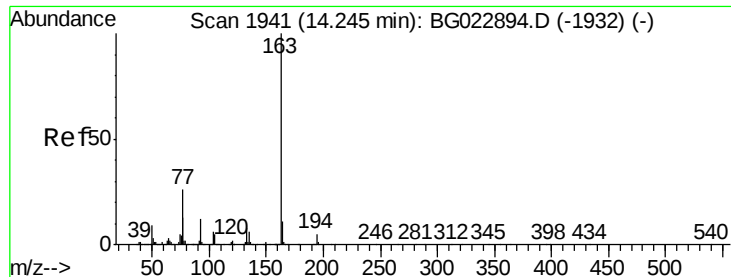
#44
 2-Fluorobiphenyl
 Concen: 83.89 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023041.D
 Acq: 12 Jul 2016 18:04

Tgt Ion:172 Resp: 1898019
 Ion Ratio Lower Upper
 172 100
 171 39.9 31.6 47.4
 170 27.7 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: 15.58 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

Instrument :

BNA_G

ClientSampleId :

LOCATION-2A-7-9

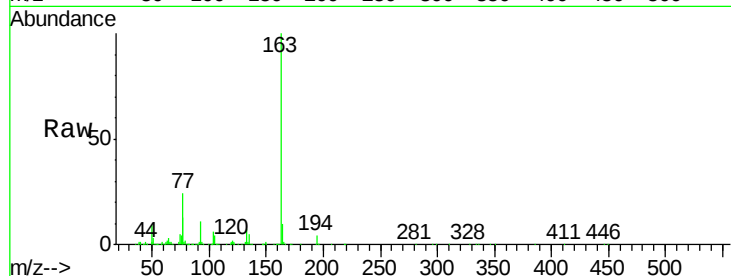
Tot Ion:163 Resp: 453571

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

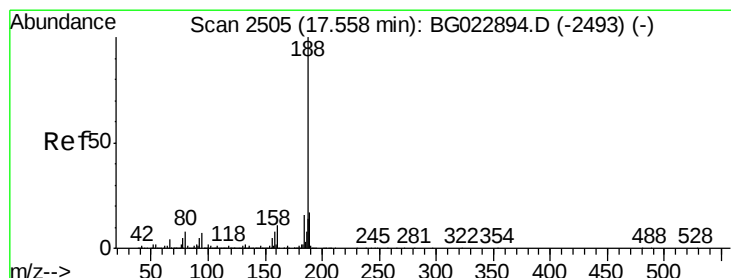
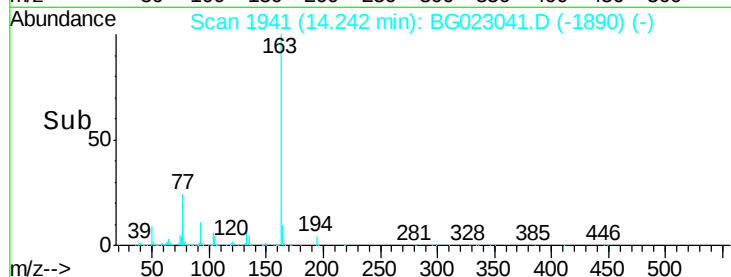
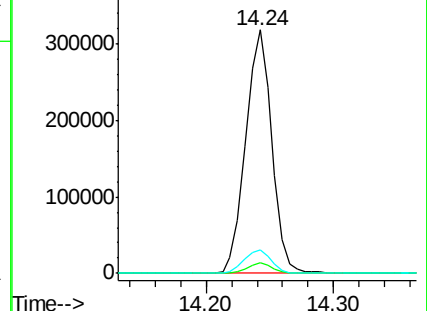
164 9.6 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

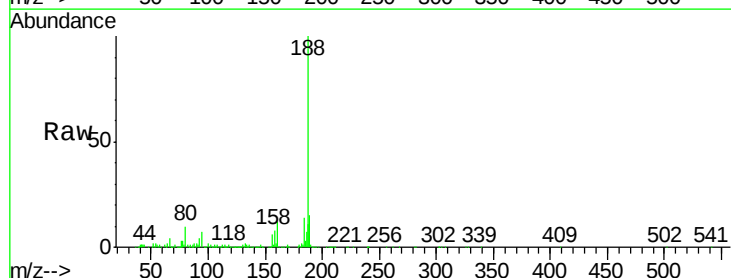
Tgt Ion:188 Resp: 790348

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

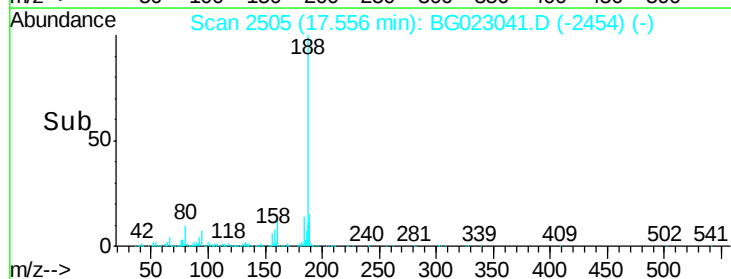
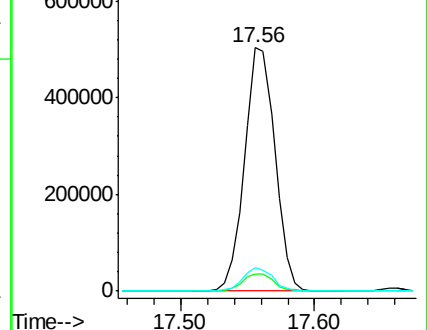
80 9.7 7.2 10.8

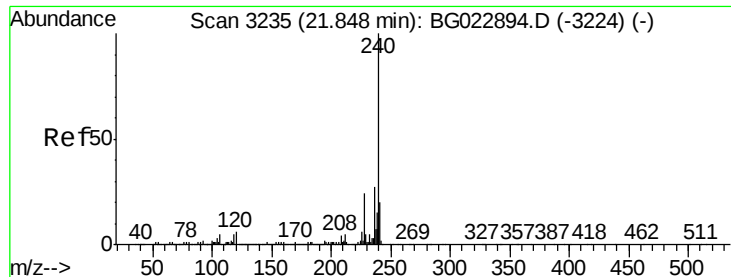


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

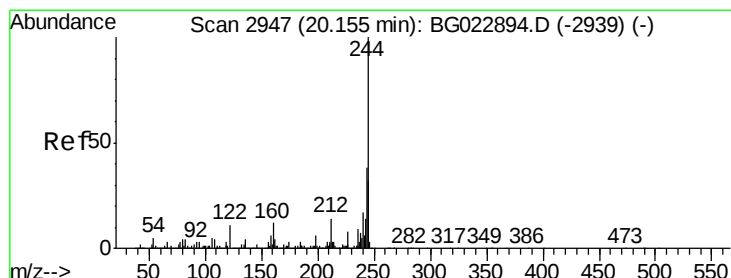
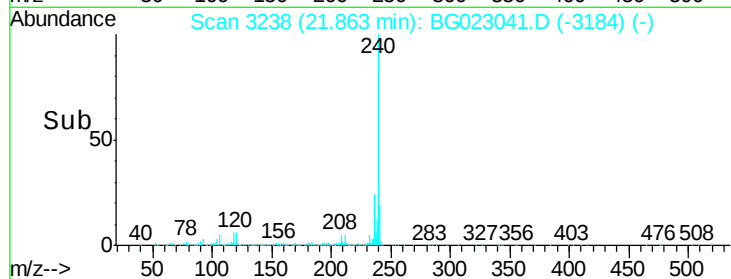
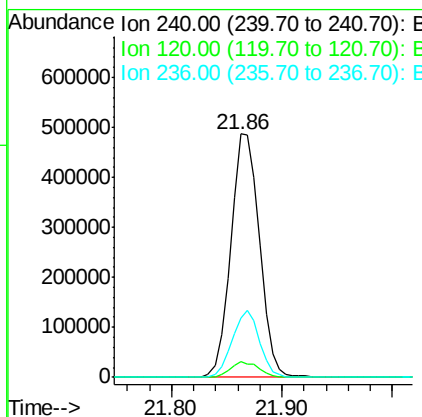
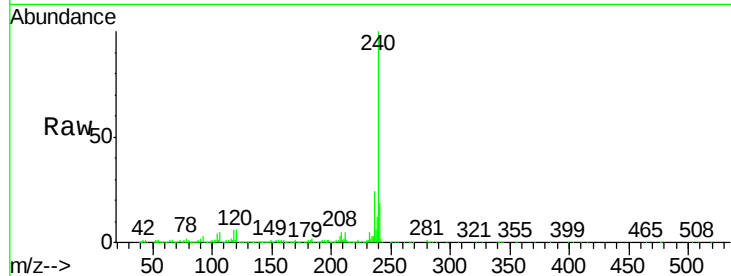




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.02 min
 Lab File: BG023041.D
 Acq: 12 Jul 2016 18:04

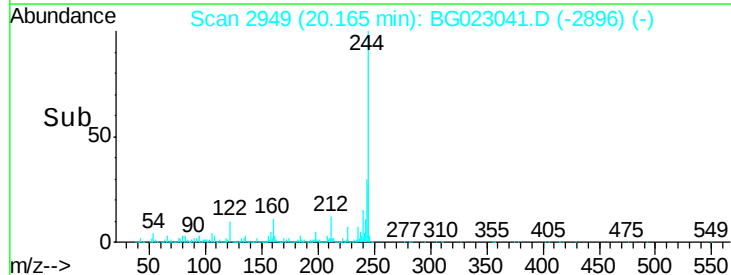
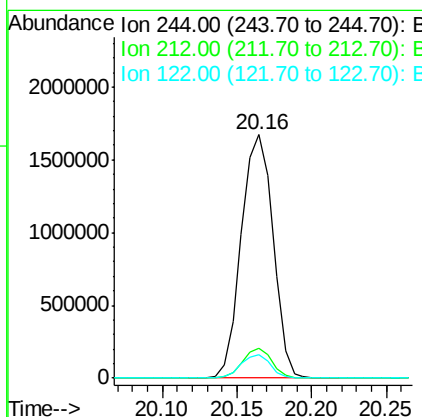
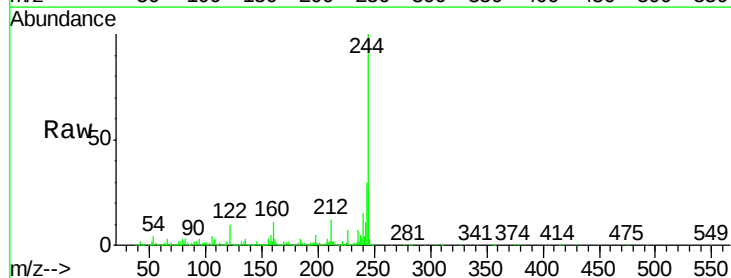
Instrument :
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 LOCATION-2A-7-9

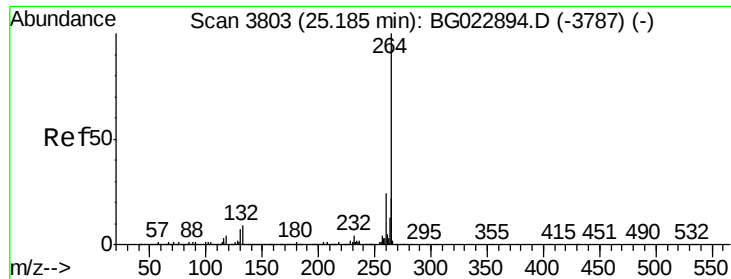
Tot Ion:240 Resp: 884165
 Ion Ratio Lower Upper
 240 100
 120 6.4 4.1 6.1#
 236 24.4 21.1 31.7



#78
 Terphenyl-d14
 Concen: 91.08 ng
 RT: 20.16 min Scan# 2949
 Delta R.T. 0.01 min
 Lab File: BG023041.D
 Acq: 12 Jul 2016 18:04

Tgt Ion:244 Resp: 2470989
 Ion Ratio Lower Upper
 244 100
 212 12.2 10.8 16.2
 122 9.6 8.0 12.0

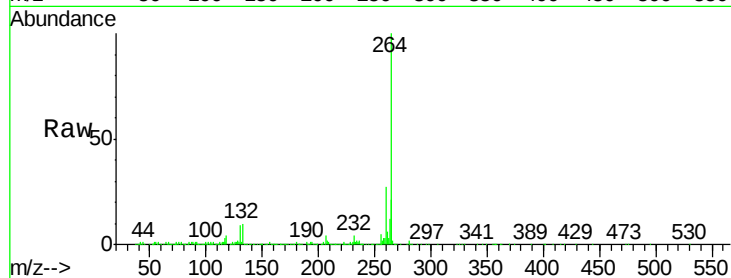




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. 0.07 min
Lab File: BG023041.D
Acq: 12 Jul 2016 18:04

Instrument :
BNA_G
ClientSampleId :
LOCATION-2A-7-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.9	18.4	27.6
265	20.7	18.9	28.3



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

