

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022945.D
 Acq On : 9 Jul 2016 00:45
 Operator : UM/SJ
 Sample : H3884-06
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-16A

Quant Time: Jul 09 05:30:46 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

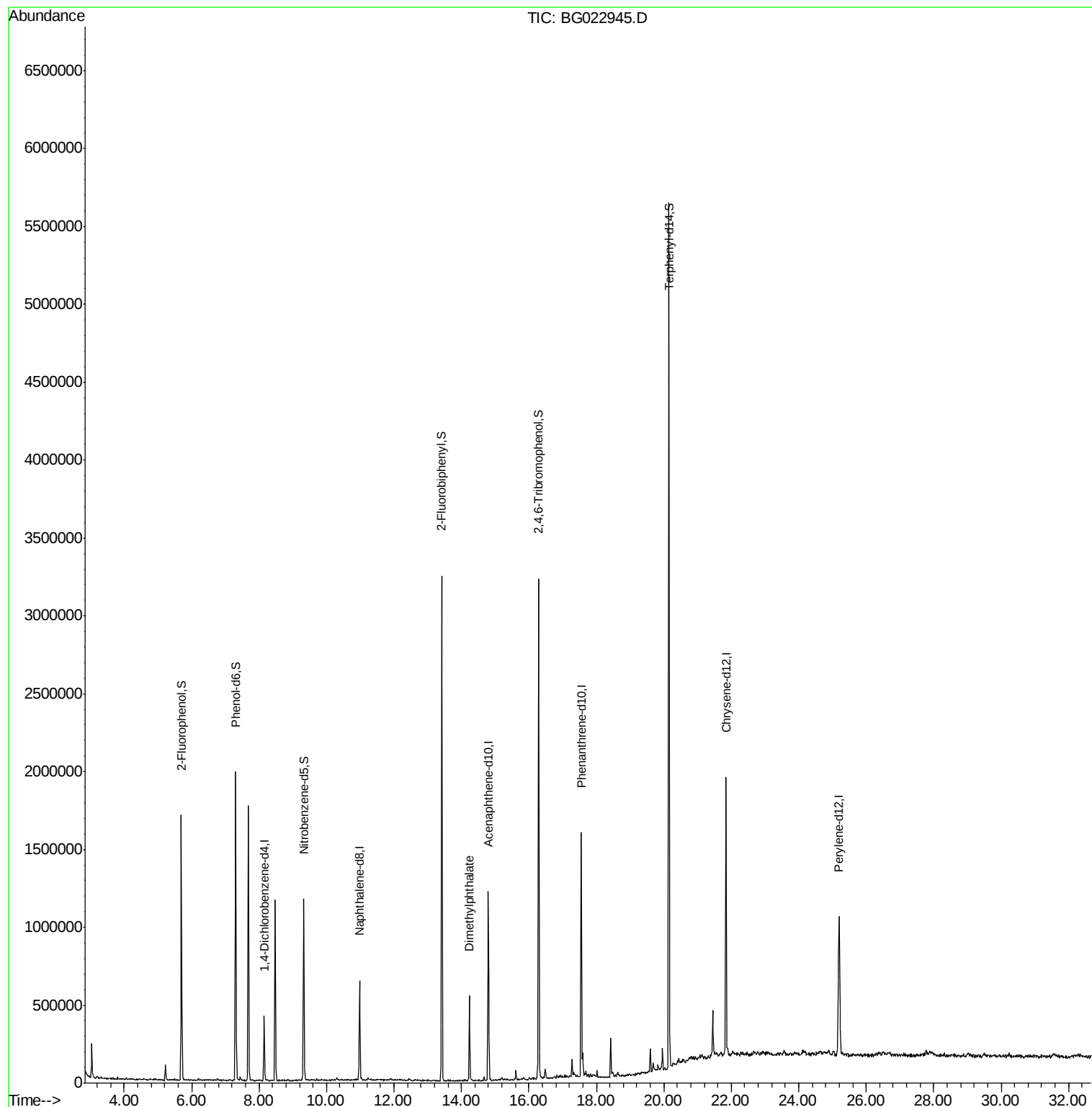
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	106551	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	513058	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	410479	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	968804	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1055570	20.00	ng	0.00
86) Perylene-d12	25.20	264	1086234	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	673232	103.34	ng	0.00
7) Phenol-d6	7.31	99	1119240	109.69	ng	0.00
23) Nitrobenzene-d5	9.32	82	750600	62.64	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	634342	85.99	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1586418	60.88	ng	0.00
78) Terphenyl-d14	20.15	244	2269227	61.12	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.23	163	340186	10.15	ng	99

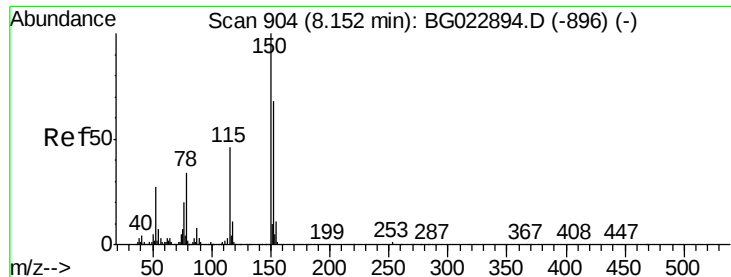
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022945.D

Acq: 9 Jul 2016 00:45

Instrument :

BNA_G

ClientSampleId :

LOCATION-16A

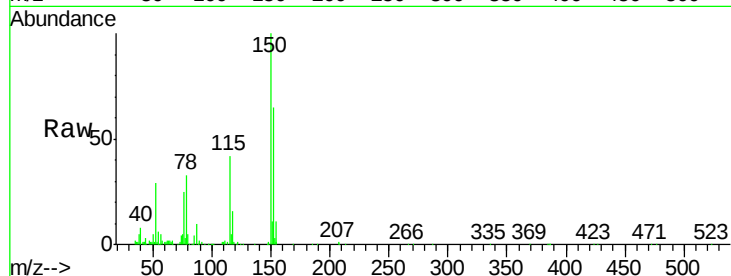
Tot Ion:152 Resp: 106551

Ion Ratio Lower Upper

152 100

150 153.1 144.7 217.1

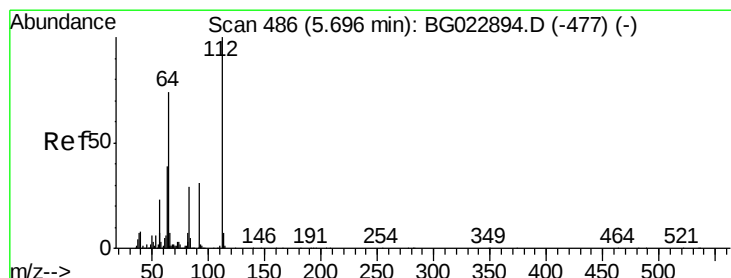
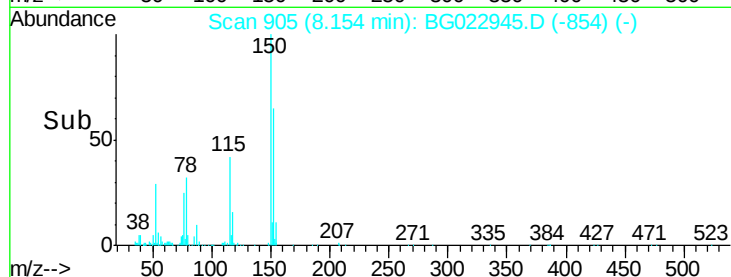
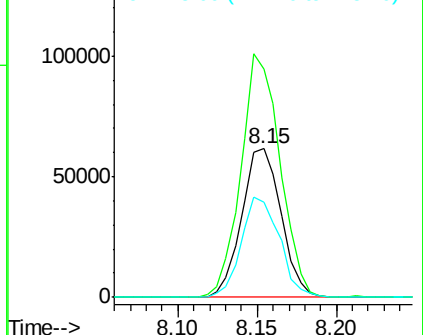
115 63.7 64.0 96.0#



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: 103.34 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022945.D

Acq: 9 Jul 2016 00:45

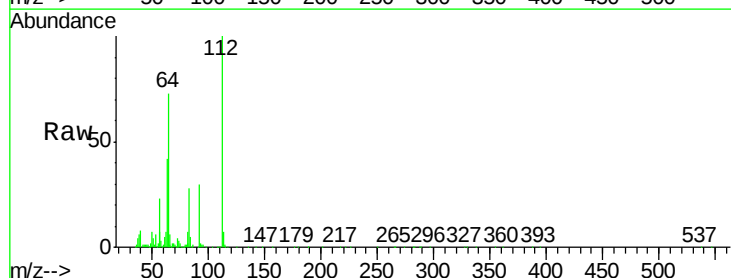
Tgt Ion:112 Resp: 673232

Ion Ratio Lower Upper

112 100

64 73.4 59.0 88.4

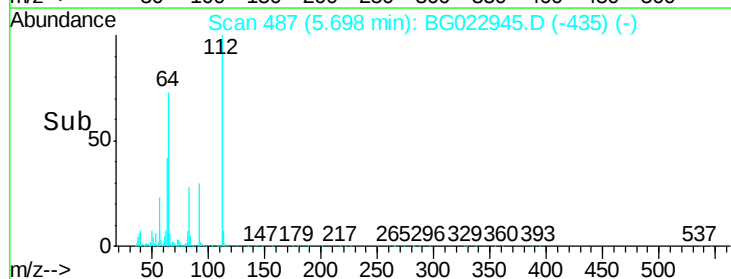
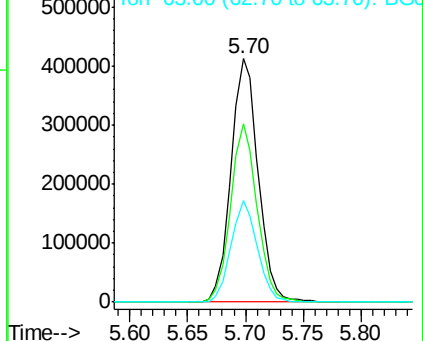
63 41.7 37.8 56.8

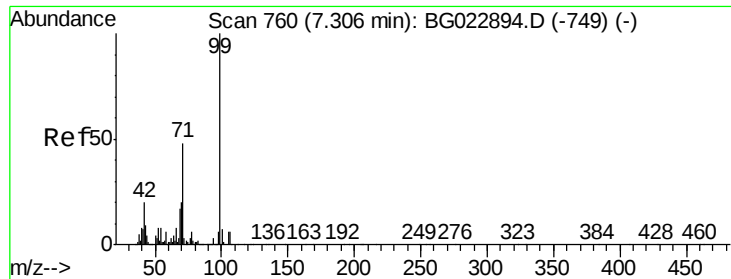


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.69 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022945.D

Acq: 9 Jul 2016 00:45

Instrument :

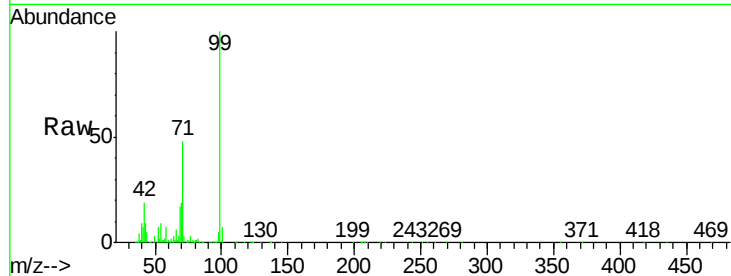
BNA_G

ClientSampleId :

LOCATION-16A

Tot Ion: 99 Resp: 1119240

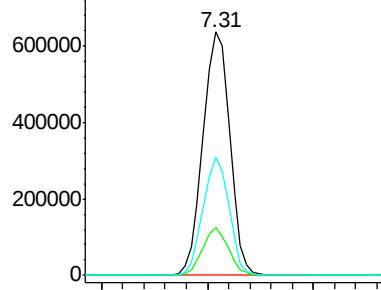
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	48.3	41.5	62.3



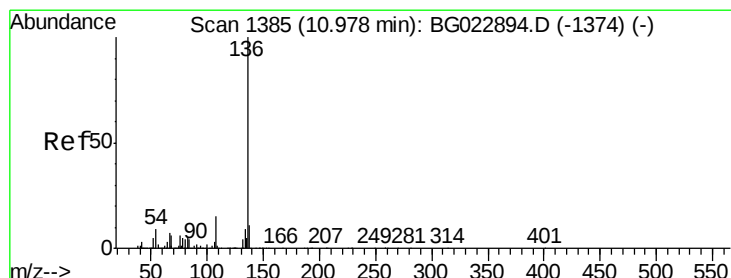
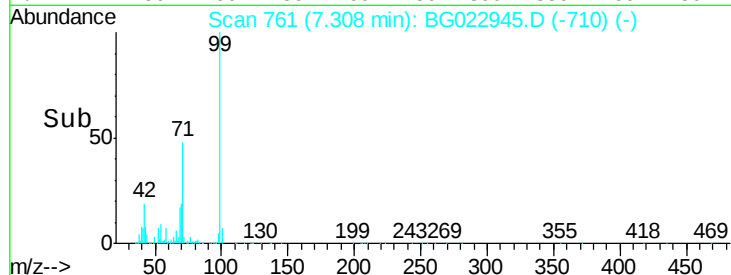
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

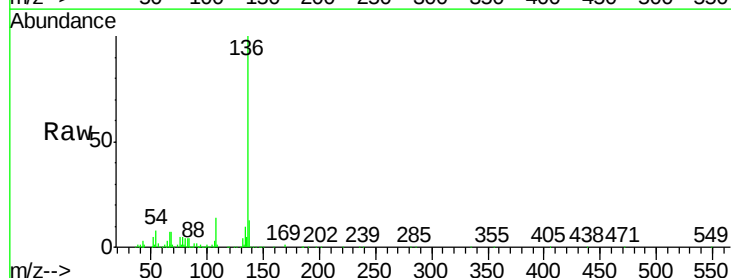
Delta R.T. 0.00 min

Lab File: BG022945.D

Acq: 9 Jul 2016 00:45

Tgt Ion: 136 Resp: 513058

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.6	14.4
54	8.3	7.3	10.9
68	6.5	5.3	7.9

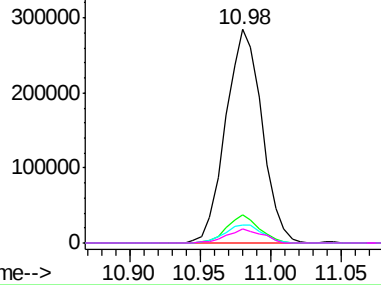


Abundance Ion 136.00 (135.70 to 136.70): BGC

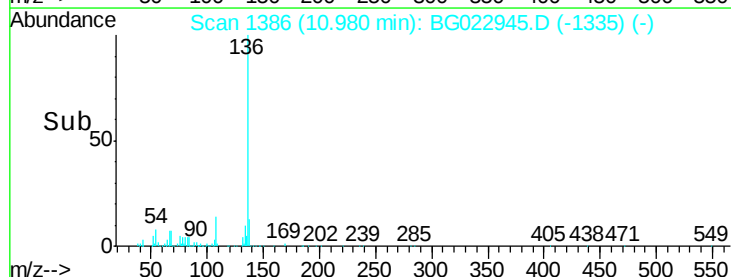
Ion 137.00 (136.70 to 137.70): BGC

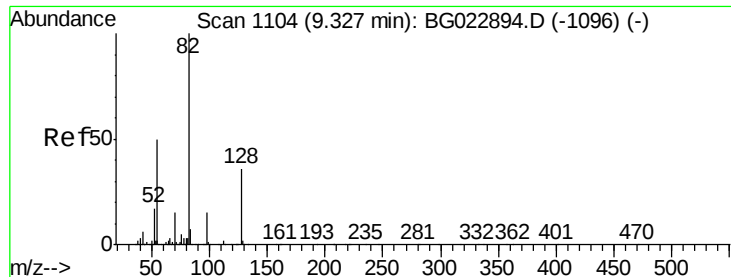
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

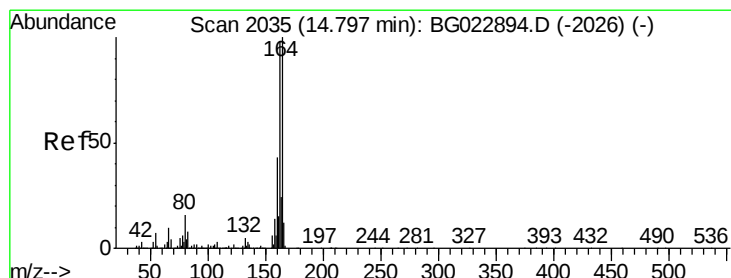
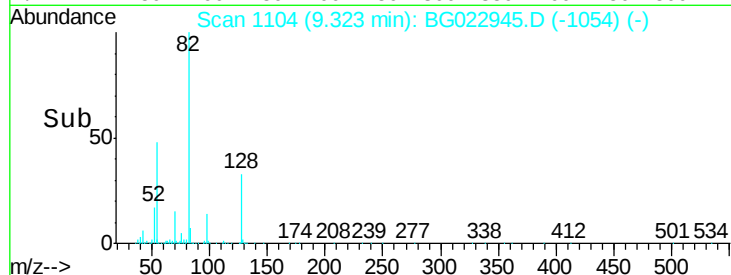
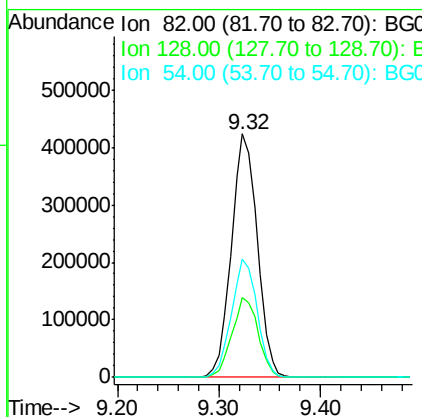
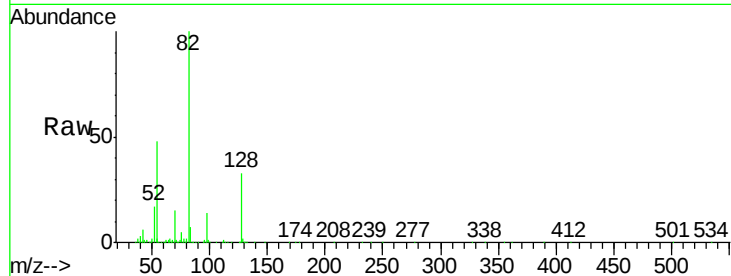




#23
 Nitrobenzene-d5
 Concen: 62.64 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022945.D
 Acq: 9 Jul 2016 00:45

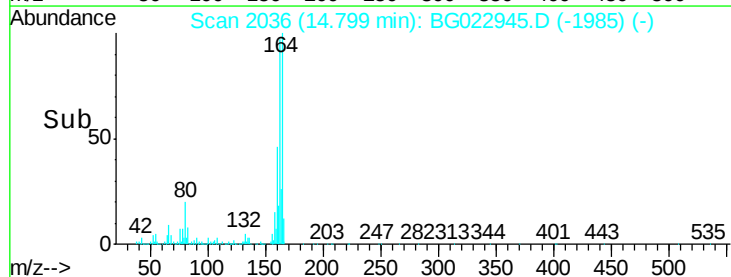
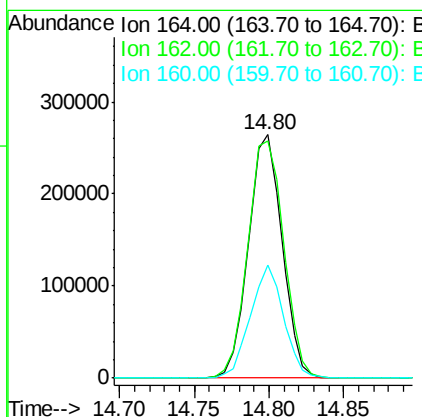
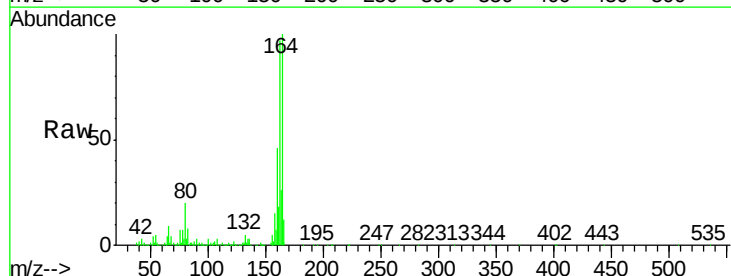
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-16A

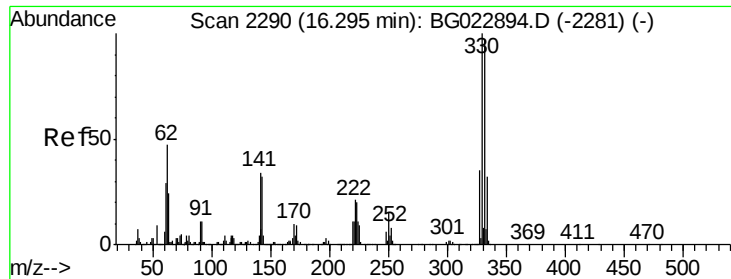
Tot Ion: 82 Resp: 750600
 Ion Ratio Lower Upper
 82 100
 128 32.8 24.4 36.6
 54 48.4 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022945.D
 Acq: 9 Jul 2016 00:45

Tgt Ion: 164 Resp: 410479
 Ion Ratio Lower Upper
 164 100
 162 97.4 87.7 131.5
 160 46.5 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 85.99 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG022945.D

Acq: 9 Jul 2016 00:45

Instrument :

BNA_G

ClientSampleId :

LOCATION-16A

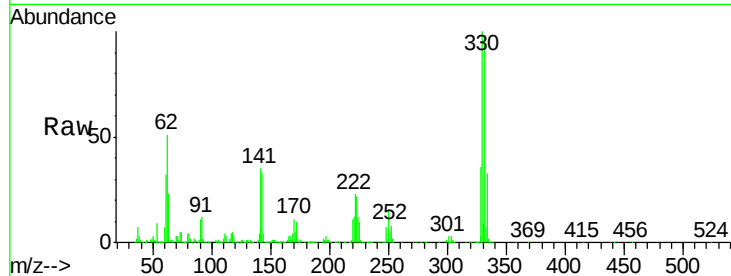
Tot Ion:330 Resp: 634342

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

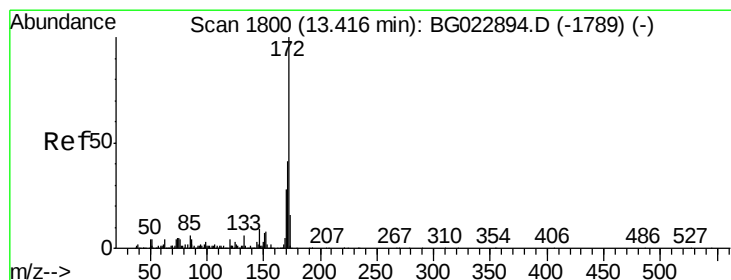
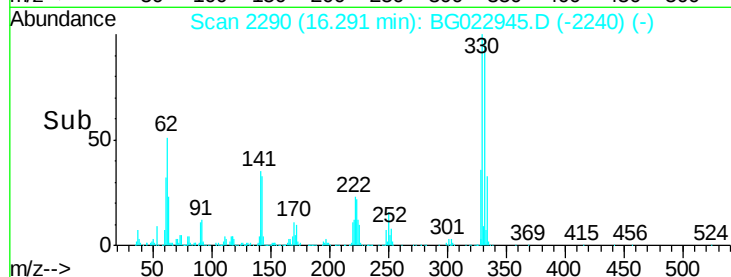
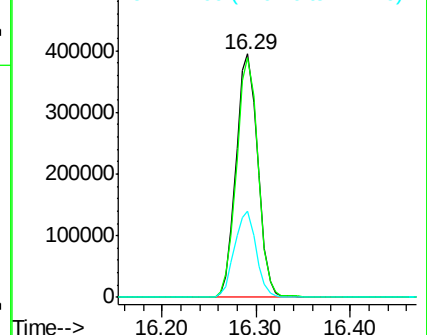
141 35.5 31.7 47.5



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: 60.88 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG022945.D

Acq: 9 Jul 2016 00:45

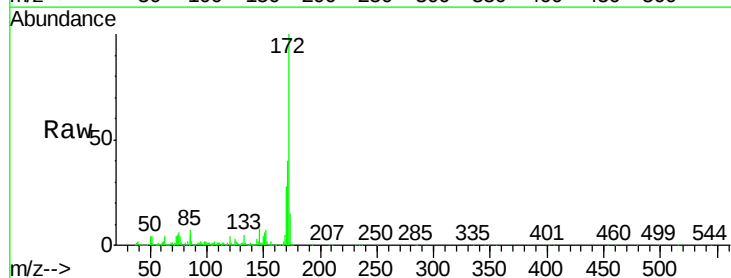
Tgt Ion:172 Resp: 1586418

Ion Ratio Lower Upper

172 100

171 39.7 31.6 47.4

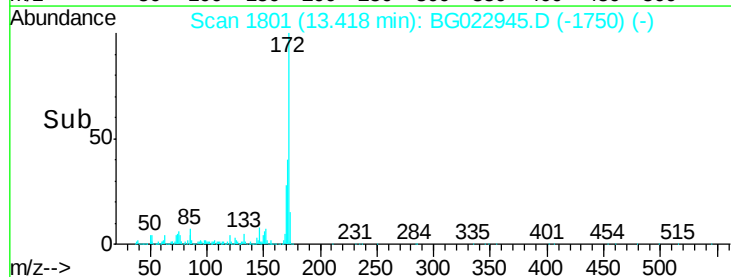
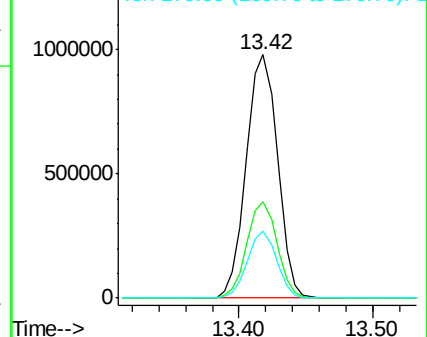
170 27.7 21.3 31.9



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

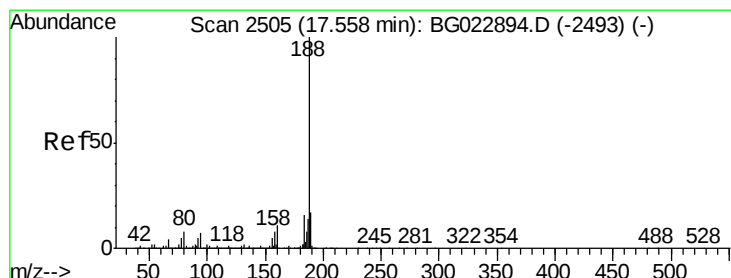
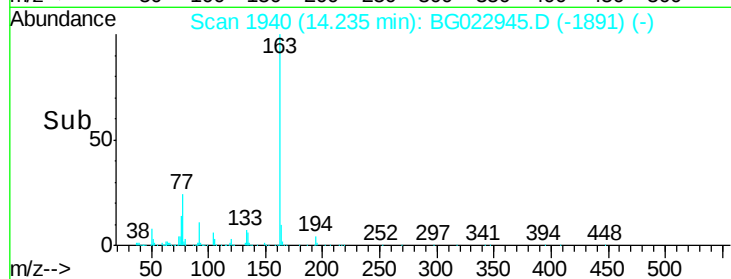
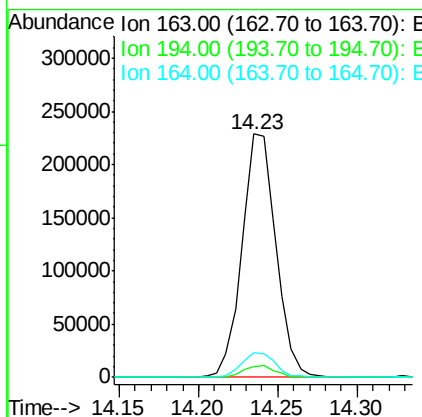
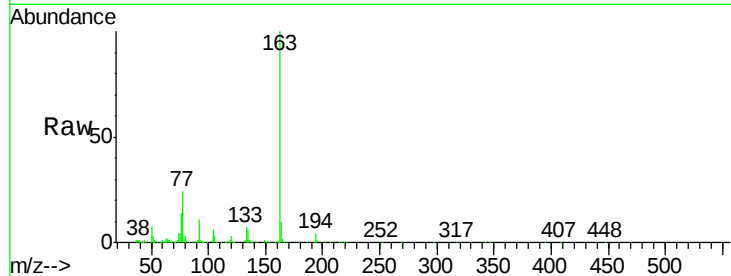




#49
Dimethylphthalate
Concen: 10.15 ng
RT: 14.23 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022945.D
Acq: 9 Jul 2016 00:45

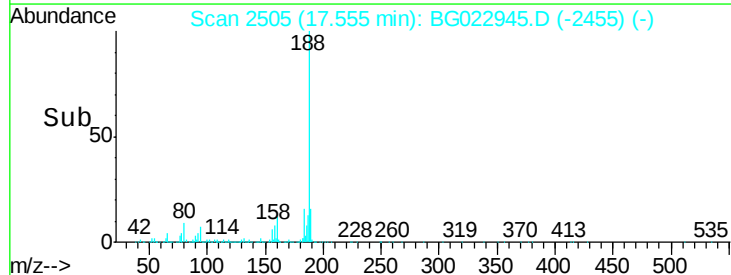
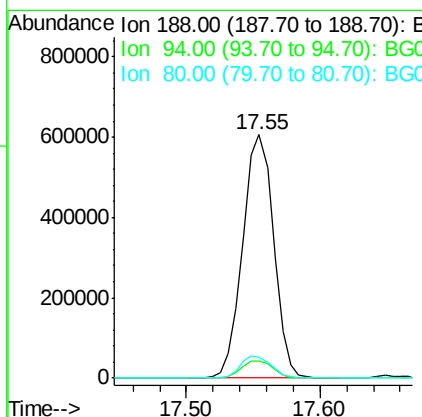
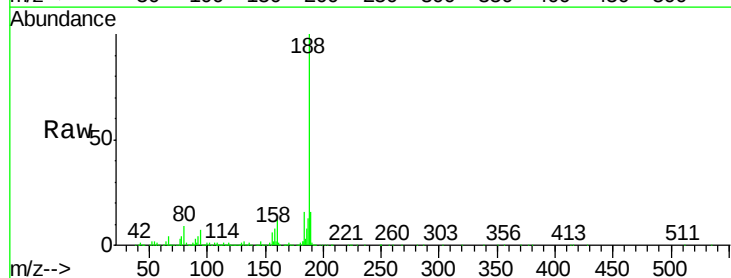
Instrument :
BNA_G
ClientSampleId :
LOCATION-16A

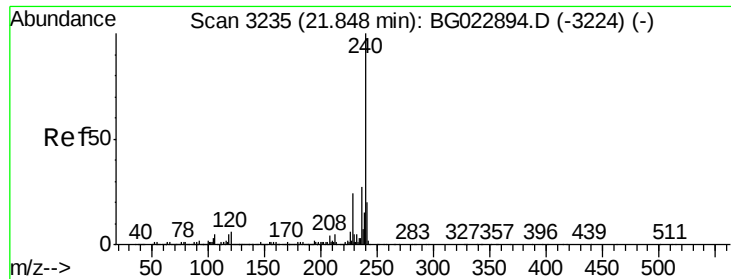
Tot Ion	163	Resp	340186
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.3	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022945.D
Acq: 9 Jul 2016 00:45

Tgt Ion	188	Resp	968804
Ion Ratio	Lower	Upper	
188	100		
94	7.0	5.2	7.8
80	8.7	7.2	10.8





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022945.D

Acq: 9 Jul 2016 00:45

Instrument :

BNA_G

ClientSampleId :

LOCATION-16A

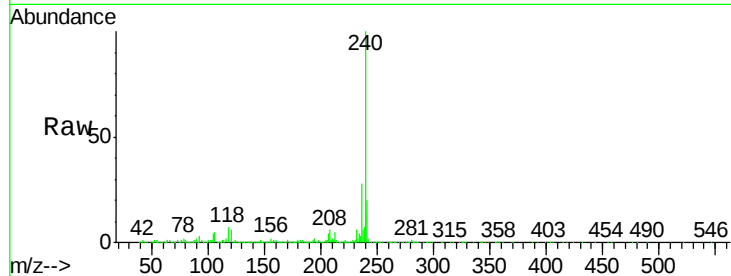
Tot Ion:240 Resp: 1055570

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1#

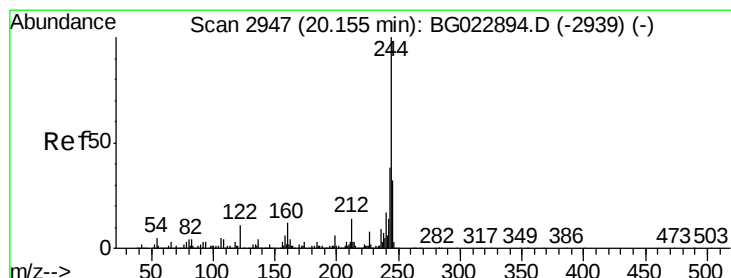
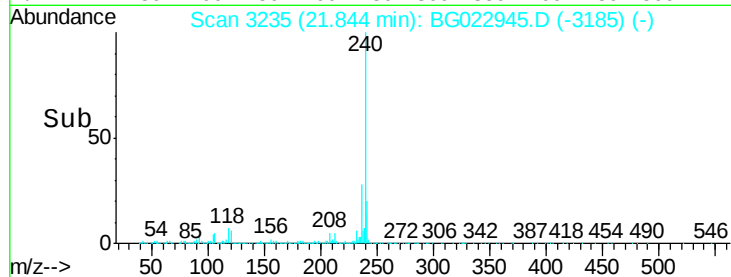
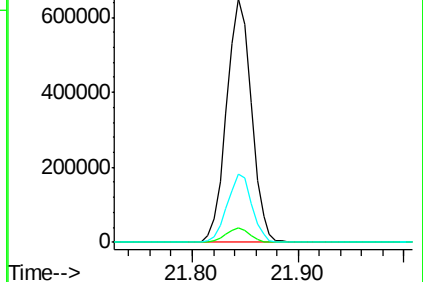
236 28.0 21.1 31.7



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: 61.12 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022945.D

Acq: 9 Jul 2016 00:45

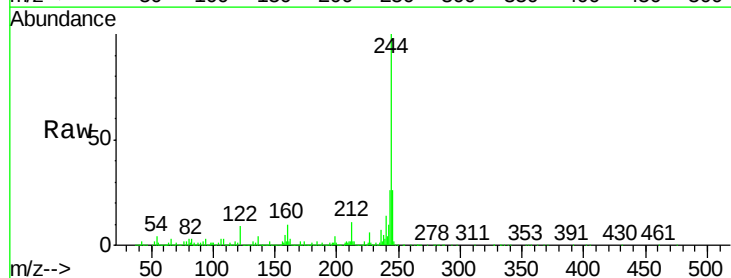
Tgt Ion:244 Resp: 2269227

Ion Ratio Lower Upper

244 100

212 11.5 10.8 16.2

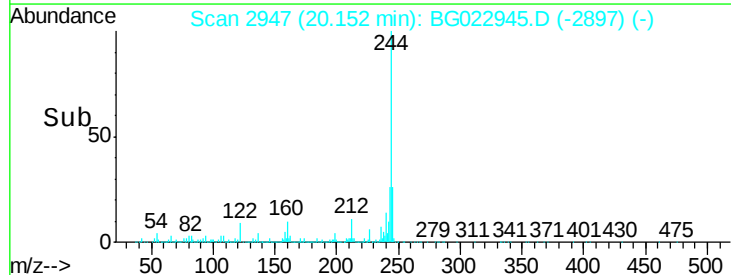
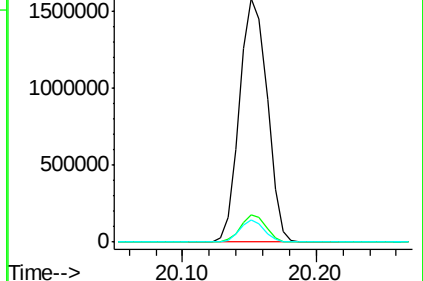
122 8.9 8.0 12.0

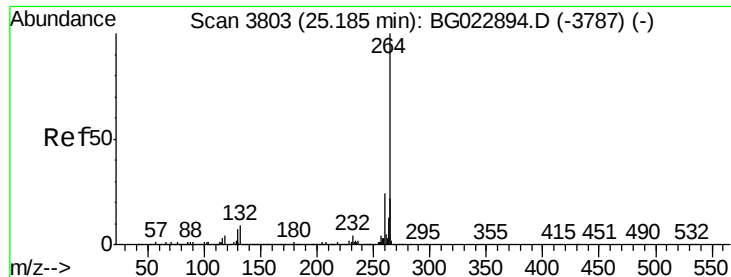


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.20 min Scan# 3806
Delta R.T. 0.01 min
Lab File: BG022945.D
Acq: 9 Jul 2016 00:45

Instrument :
BNA_G
ClientSampleId :
LOCATION-16A

Tot Ion:264 Resp: 1086234

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	21.8	18.9	28.3

