

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023027.D
 Acq On : 12 Jul 2016 8:37
 Operator : UM/SJ
 Sample : H3936-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(9-10)

Quant Time: Jul 12 15:42:57 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

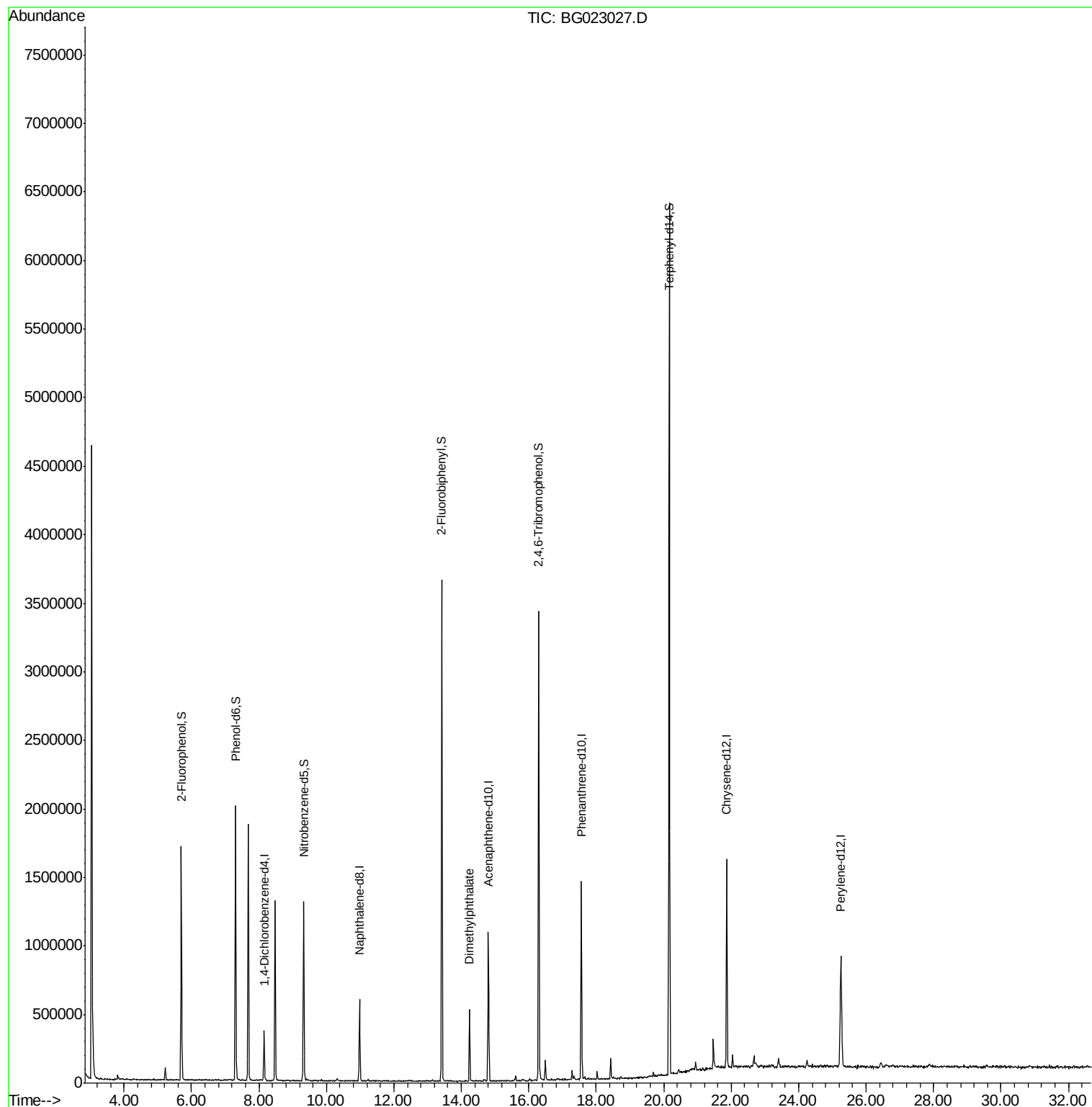
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	96462	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	476577	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	365067	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	852387	20.00	ng	0.00
75) Chrysene-d12	21.87	240	938444	20.00	ng	0.02
86) Perylene-d12	25.25	264	956090	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	697618	118.28	ng	0.00
7) Phenol-d6	7.30	99	1149944	124.48	ng	0.00
23) Nitrobenzene-d5	9.32	82	827883	74.38	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	625697	95.36	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1740219	75.08	ng	0.00
78) Terphenyl-d14	20.16	244	2519579	85.25	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	332557	11.15	ng	# 97

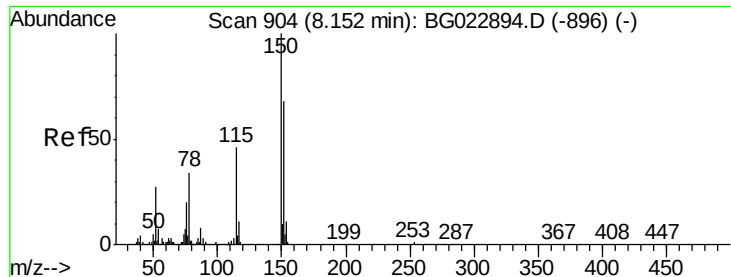
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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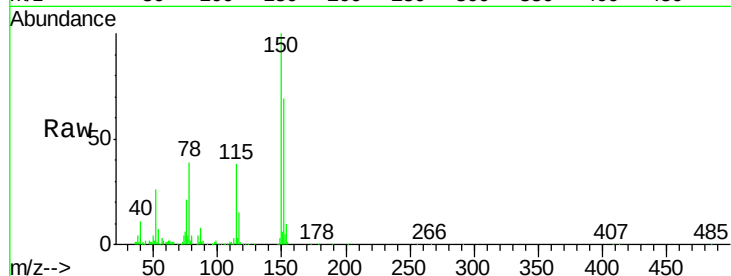


#1

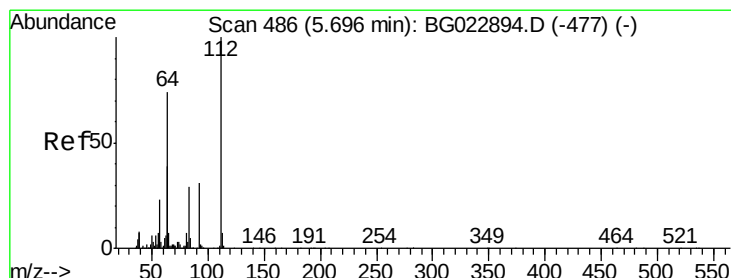
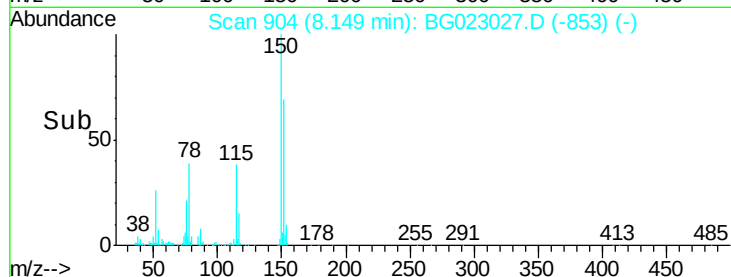
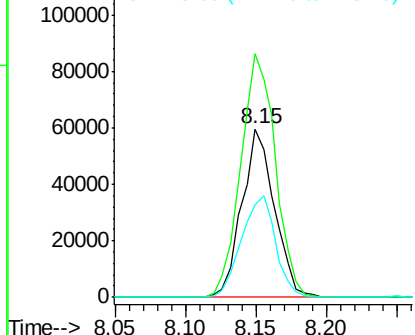
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023027.D
Acq: 12 Jul 2016 8:37

Instrument :
BNA_G
ClientSampleId :
SB-1(9-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	144.7	217.1
115	55.2	64.0	96.0#



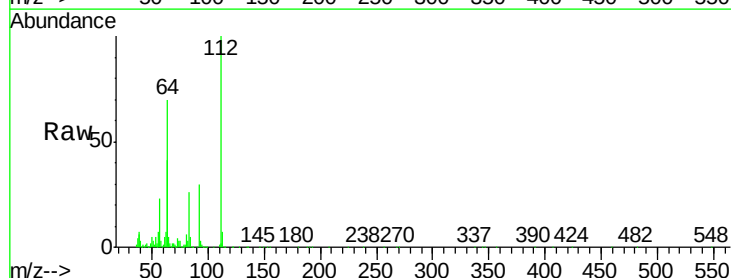
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



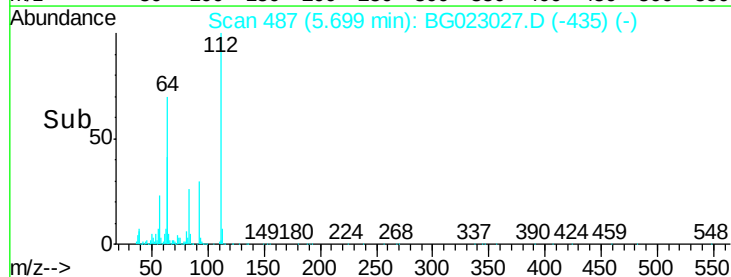
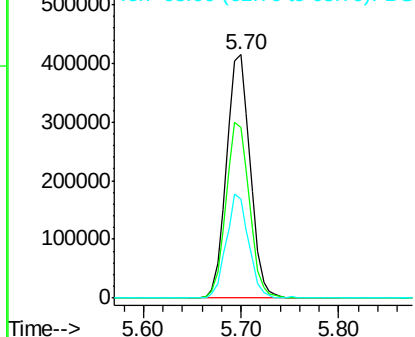
#5

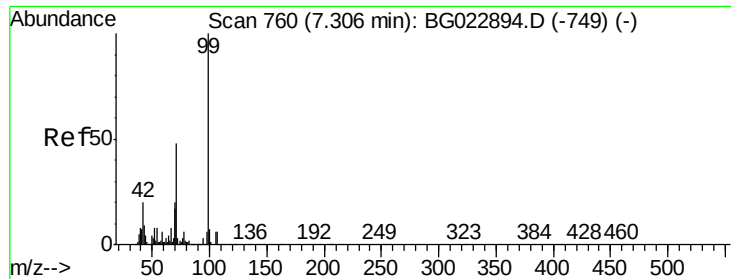
2-Fluorophenol
Concen: 118.28 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023027.D
Acq: 12 Jul 2016 8:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	59.0	88.4
63	40.6	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 124.48 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023027.D

Acq: 12 Jul 2016 8:37

Instrument :

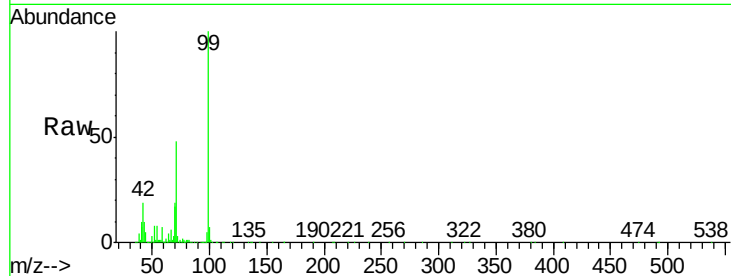
BNA_G

ClientSampleId :

SB-1(9-10)

Tot Ion: 99 Resp: 1149944

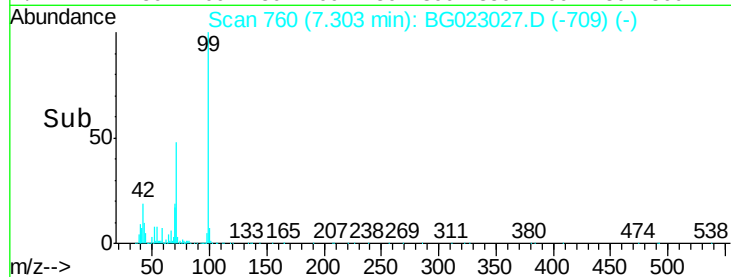
Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.8	26.6
71	48.3	41.5	62.3



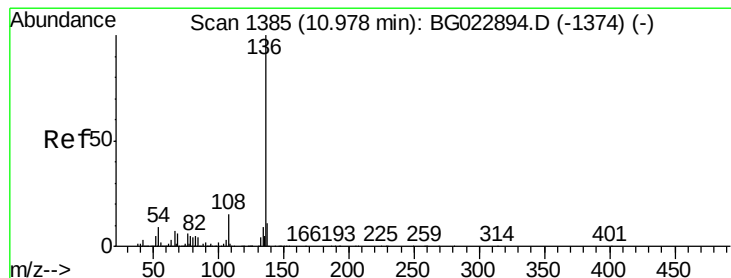
Abundance Ion 99.00 (98.70 to 99.70): BGC

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

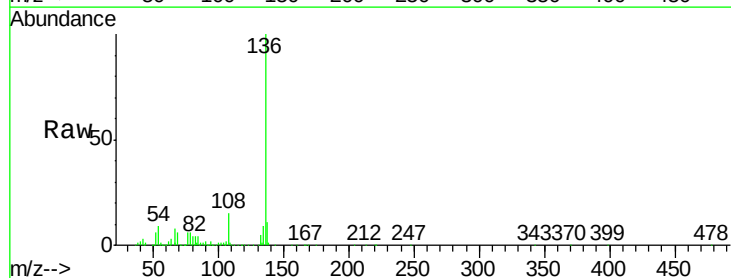
Delta R.T. 0.00 min

Lab File: BG023027.D

Acq: 12 Jul 2016 8:37

Tgt Ion: 136 Resp: 476577

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	9.3	7.3	10.9
68	6.0	5.3	7.9

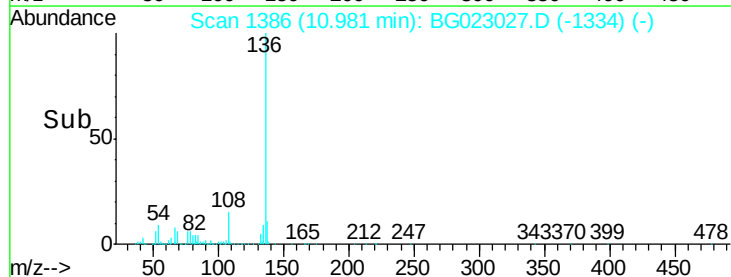


Abundance Ion 136.00 (135.70 to 136.70): BGC

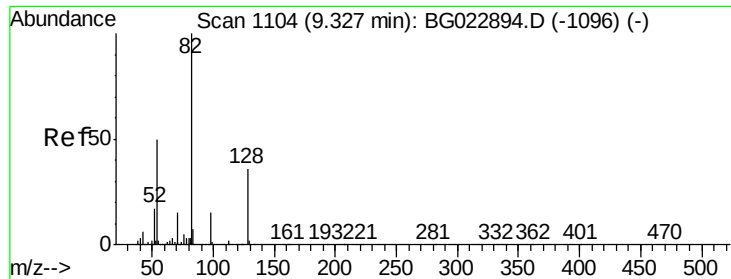
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



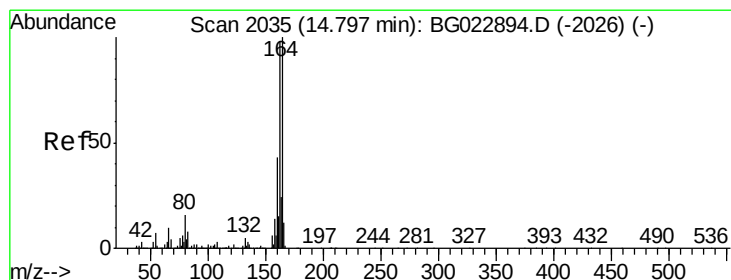
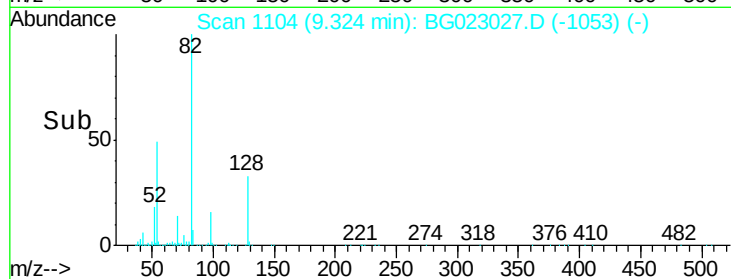
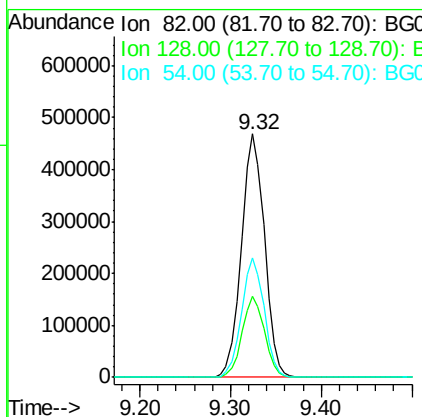
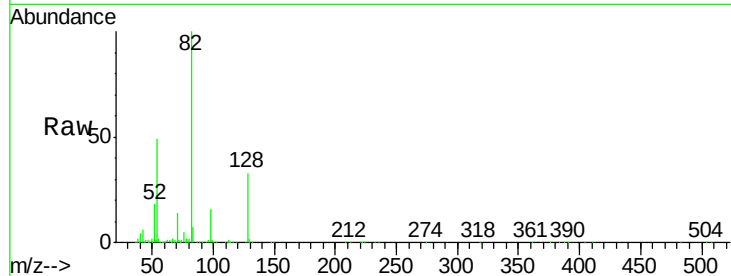
Time-->



#23
 Nitrobenzene-d5
 Concen: 74.38 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023027.D
 Acq: 12 Jul 2016 8:37

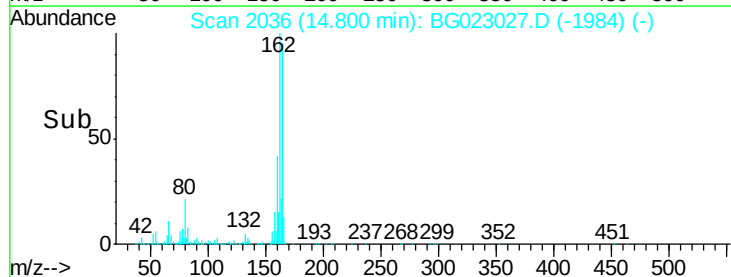
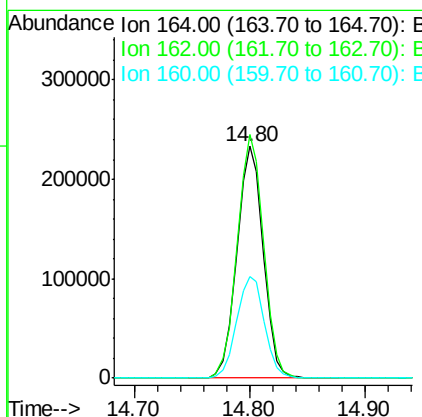
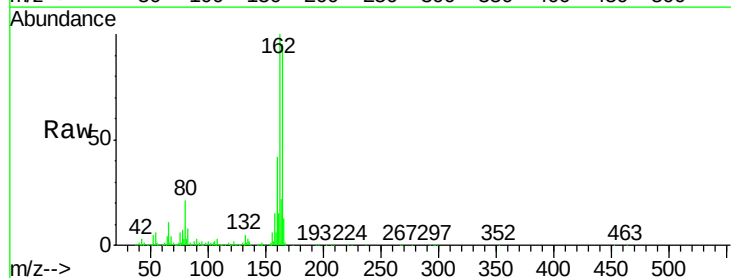
Instrument :
 BNA_G
 ClientSampleId :
 SB-1(9-10)

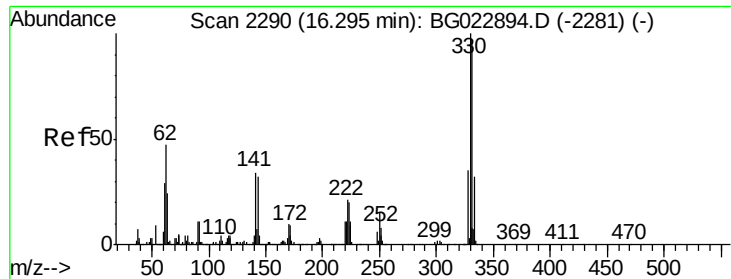
Tot Ion	82	Resp	827883
Ion Ratio	Lower	Upper	
82	100		
128	33.0	24.4	36.6
54	49.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023027.D
 Acq: 12 Jul 2016 8:37

Tgt Ion	164	Resp	365067
Ion Ratio	Lower	Upper	
164	100		
162	105.0	87.7	131.5
160	44.0	37.2	55.8

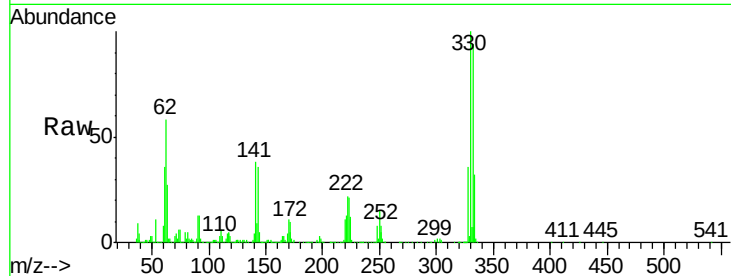




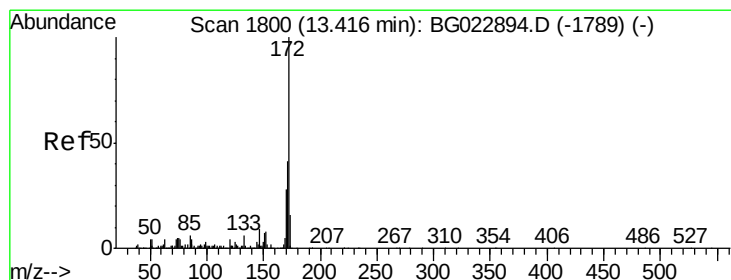
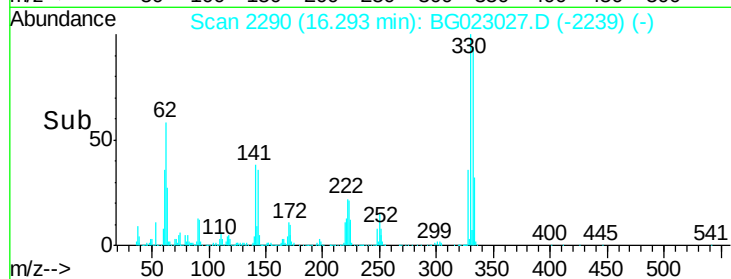
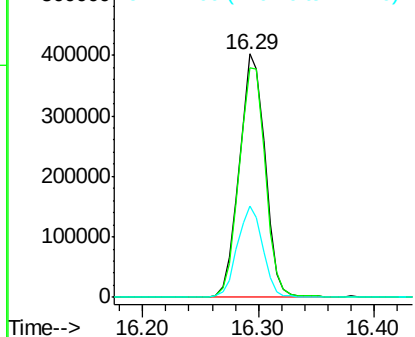
#41
 2,4,6-Tribromophenol
 Concen: 95.36 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023027.D
 Acq: 12 Jul 2016 8:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(9-10)

Tot Ion:330 Resp: 625697
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 36.9 31.7 47.5

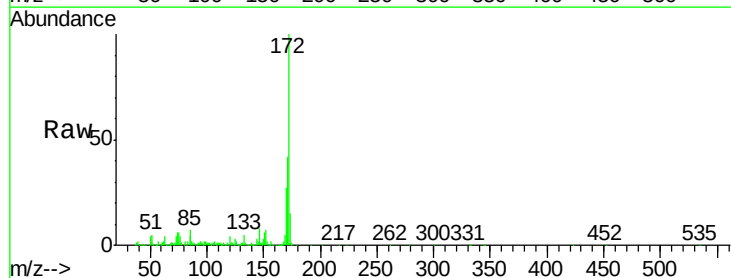


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

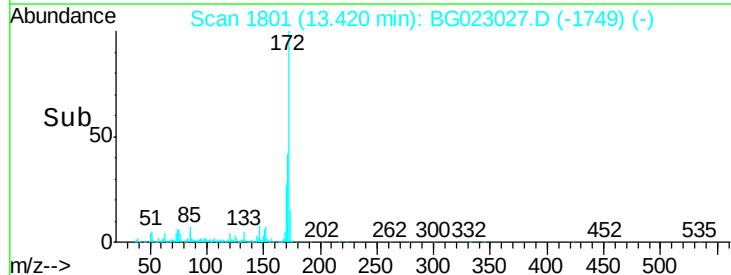
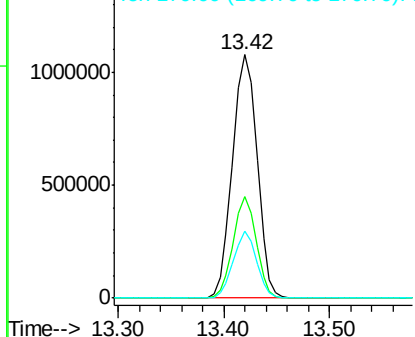


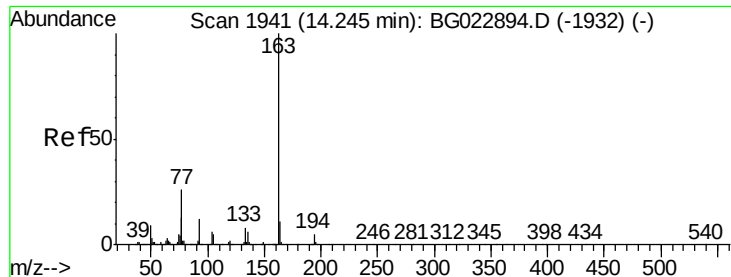
#44
 2-Fluorobiphenyl
 Concen: 75.08 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023027.D
 Acq: 12 Jul 2016 8:37

Tgt Ion:172 Resp: 1740219
 Ion Ratio Lower Upper
 172 100
 171 41.7 31.6 47.4
 170 27.3 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: 11.15 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023027.D

Acq: 12 Jul 2016 8:37

Instrument :

BNA_G

ClientSampleId :

SB-1(9-10)

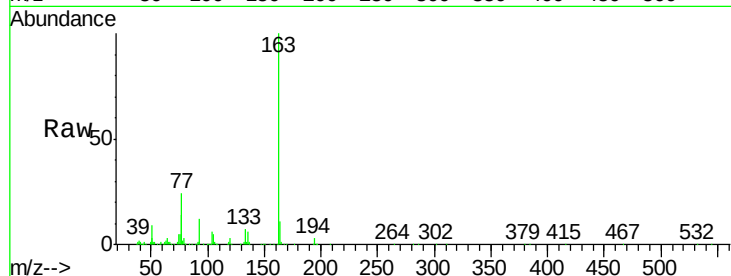
Tot Ion:163 Resp: 332557

Ion Ratio Lower Upper

163 100

194 3.0 3.6 5.4#

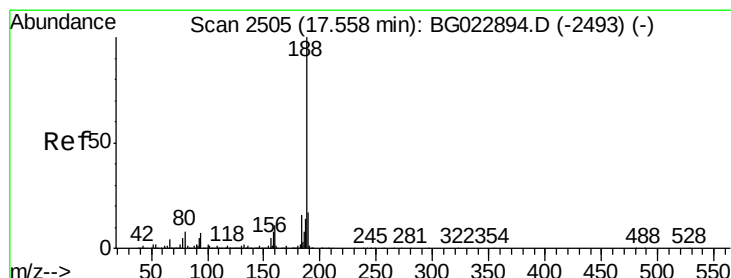
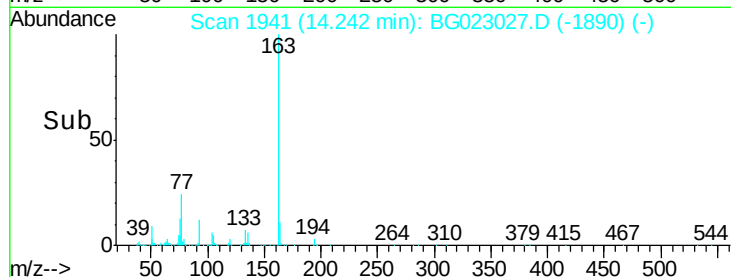
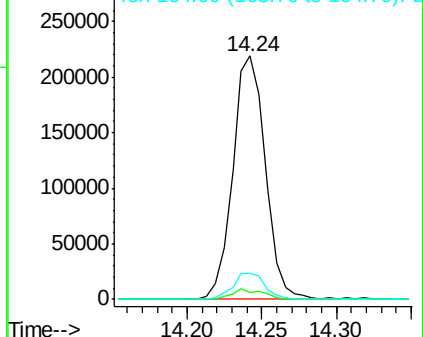
164 10.7 8.1 12.1



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: BG023027.D

Acq: 12 Jul 2016 8:37

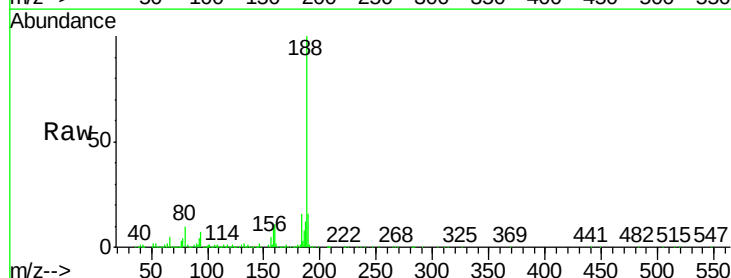
Tgt Ion:188 Resp: 852387

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

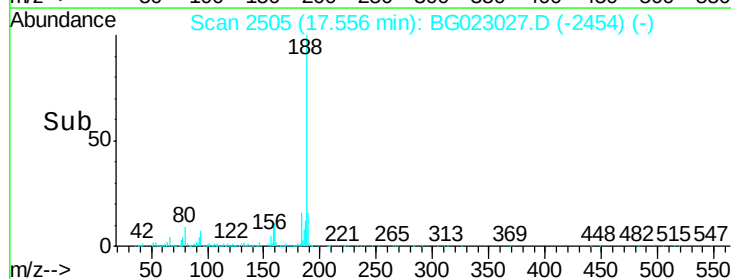
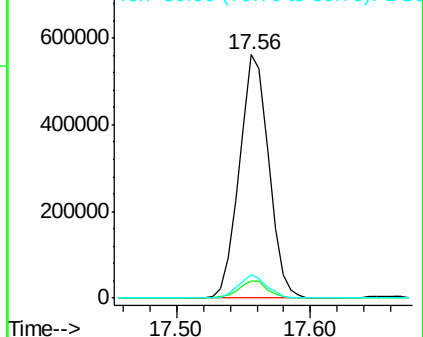
80 9.5 7.2 10.8

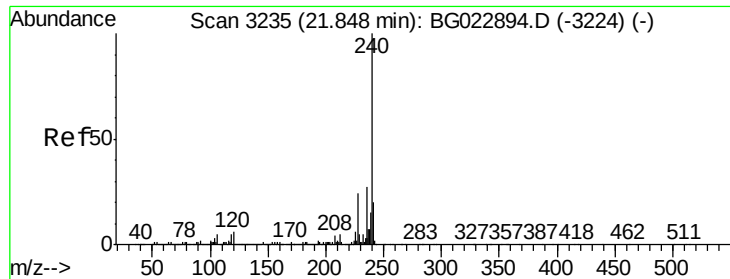


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

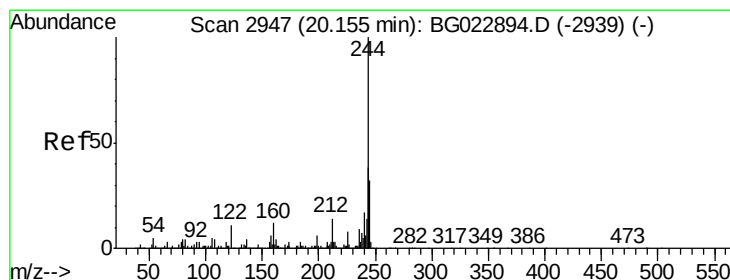
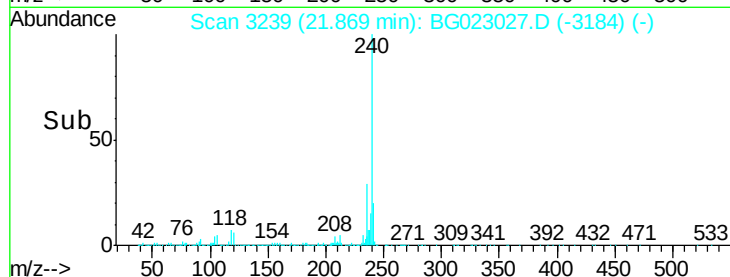
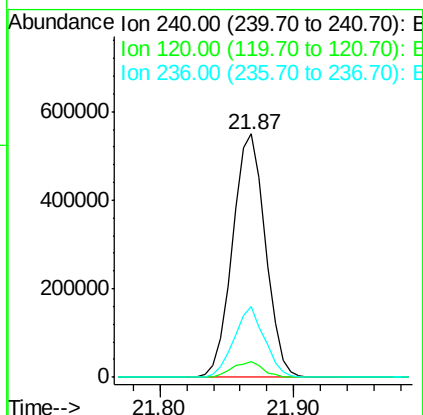
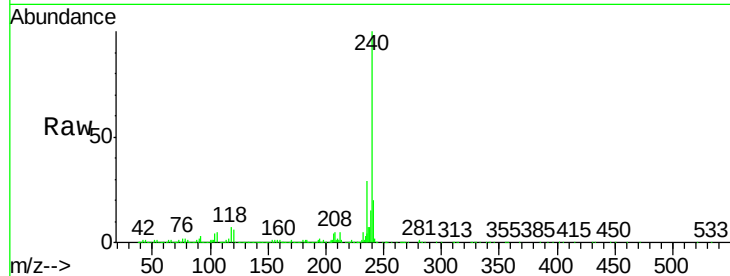




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023027.D
Acq: 12 Jul 2016 8:37

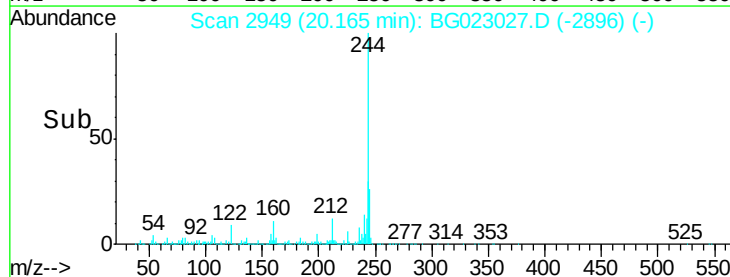
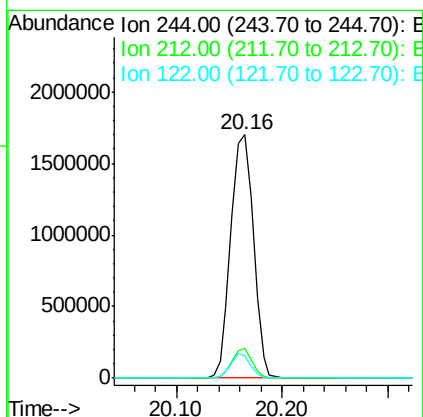
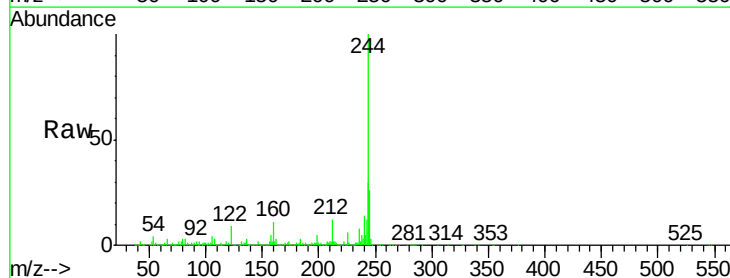
Instrument :
BNA_G
ClientSampleId :
SB-1(9-10)

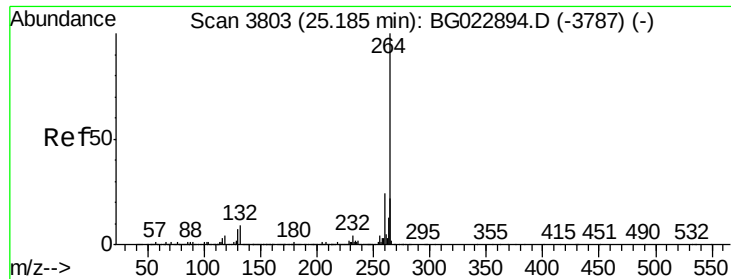
Tot Ion:240 Resp: 938444
Ion Ratio Lower Upper
240 100
120 6.3 4.1 6.1#
236 29.0 21.1 31.7



#78
Terphenyl-d14
Concen: 85.25 ng
RT: 20.16 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BG023027.D
Acq: 12 Jul 2016 8:37

Tgt Ion:244 Resp: 2519579
Ion Ratio Lower Upper
244 100
212 12.4 10.8 16.2
122 9.2 8.0 12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3814
Delta R.T. 0.06 min
Lab File: BG023027.D
Acq: 12 Jul 2016 8:37

Instrument :
BNA_G
ClientSampleId :
SB-1(9-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	21.9	18.9	28.3

