

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023028.D
 Acq On : 12 Jul 2016 9:20
 Operator : UM/SJ
 Sample : H3936-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 15:43:10 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

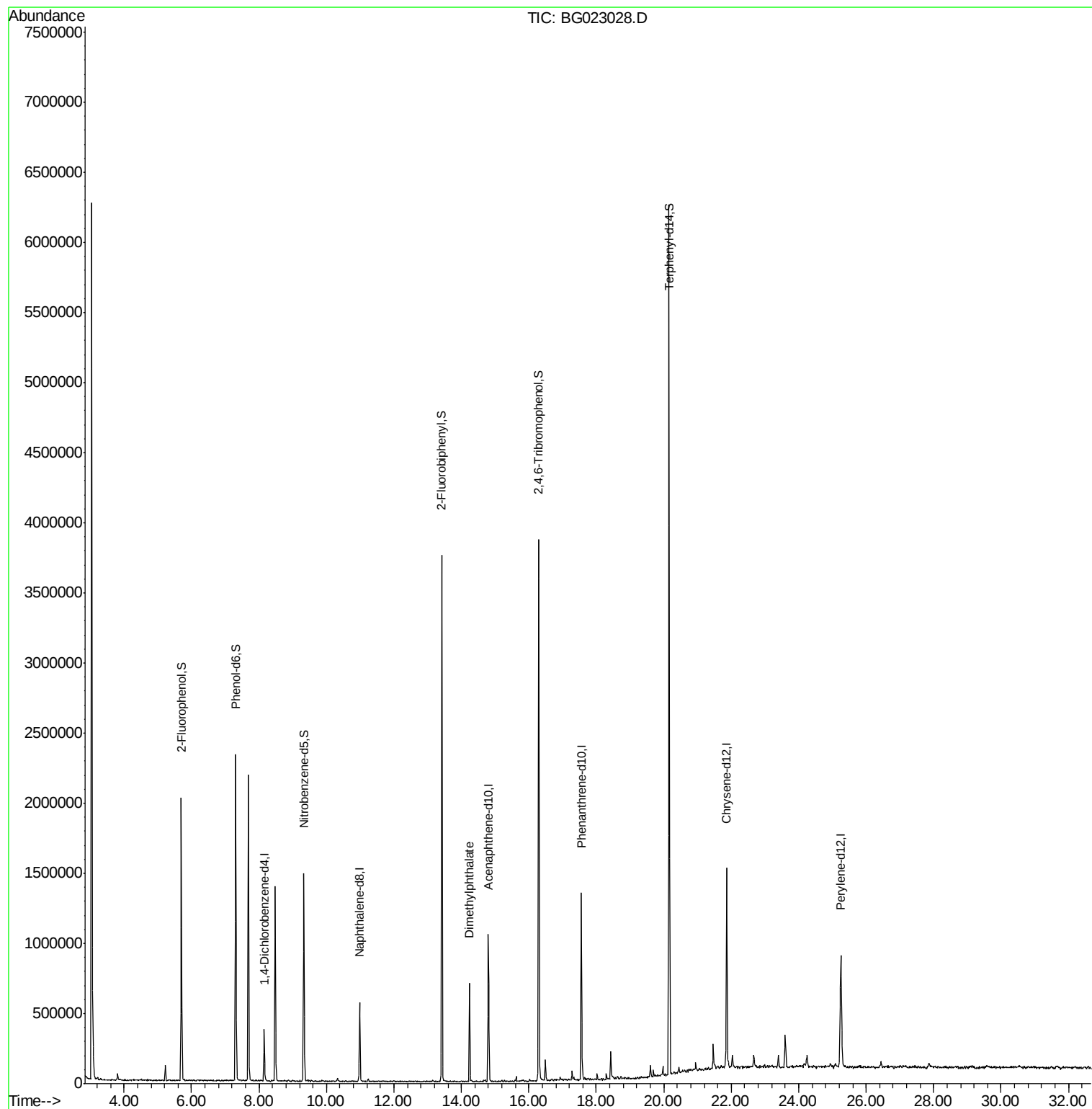
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	92486	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	443739	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	358603	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	822404	20.00	ng	0.00
75) Chrysene-d12	21.87	240	888227	20.00	ng	0.02
86) Perylene-d12	25.25	264	902940	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	790772	139.84	ng	0.00
7) Phenol-d6	7.31	99	1311141	148.04	ng	0.00
23) Nitrobenzene-d5	9.33	82	949887	91.66	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	702930	109.07	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1859712	81.69	ng	0.00
78) Terphenyl-d14	20.16	244	2483796	91.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	428721	14.64	ng	Qvalue 99

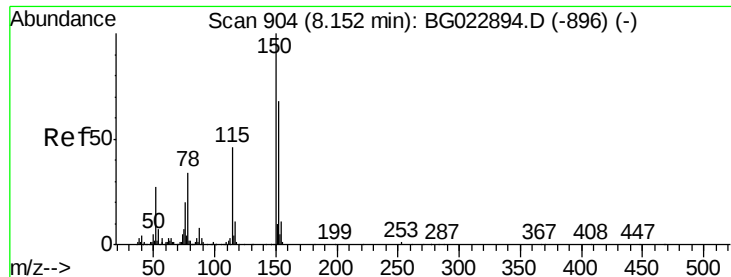
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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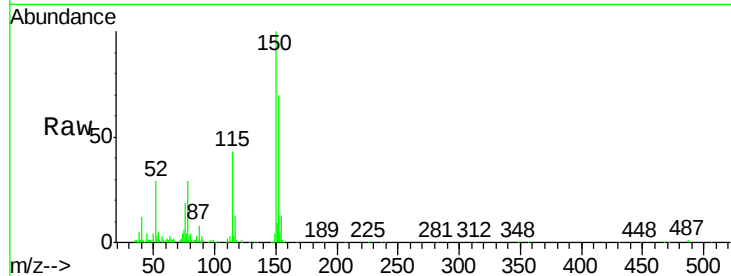


#1

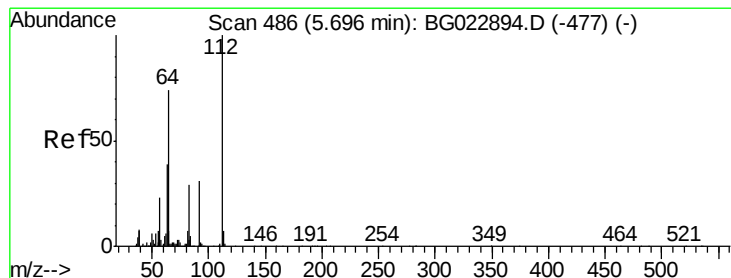
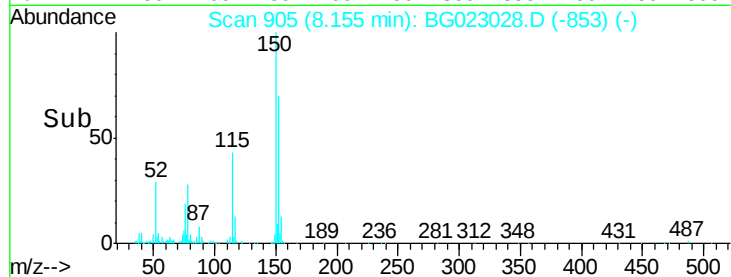
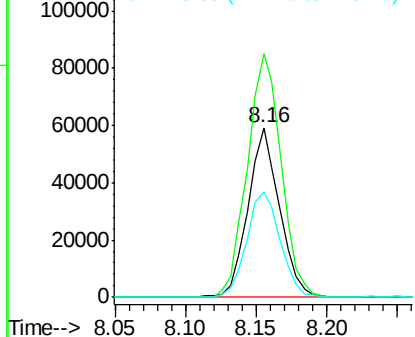
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023028.D
Acq: 12 Jul 2016 9:20

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	144.7	217.1#
115	62.3	64.0	96.0#



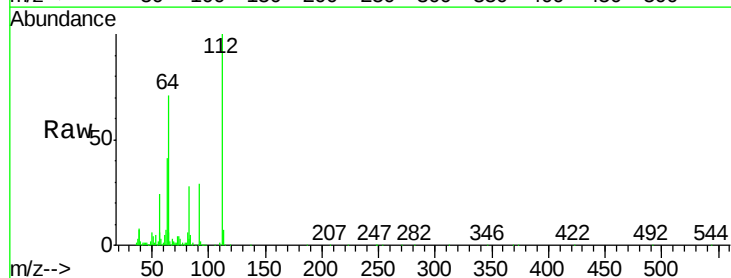
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



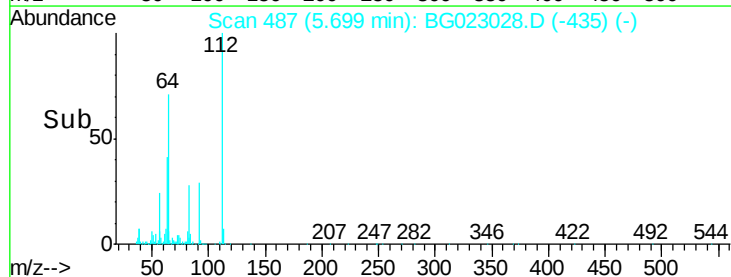
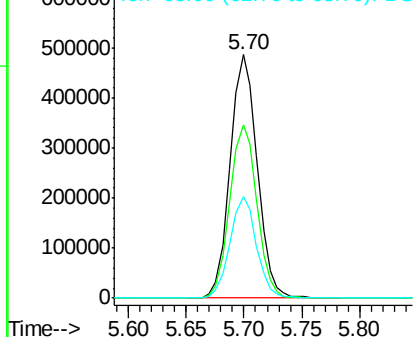
#5

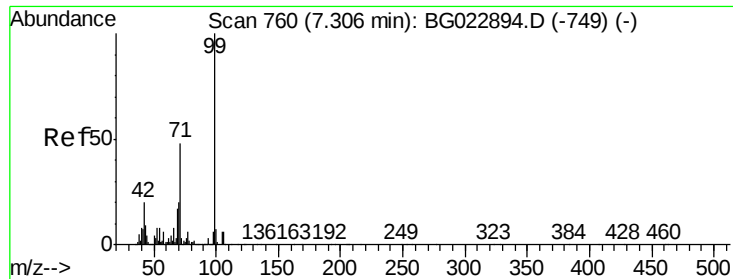
2-Fluorophenol
Concen: 139.84 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023028.D
Acq: 12 Jul 2016 9:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	59.0	88.4
63	41.5	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: 148.04 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023028.D

Acq: 12 Jul 2016 9:20

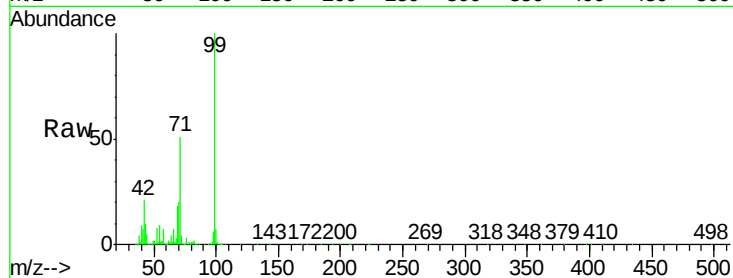
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1311141

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	50.8	41.5	62.3

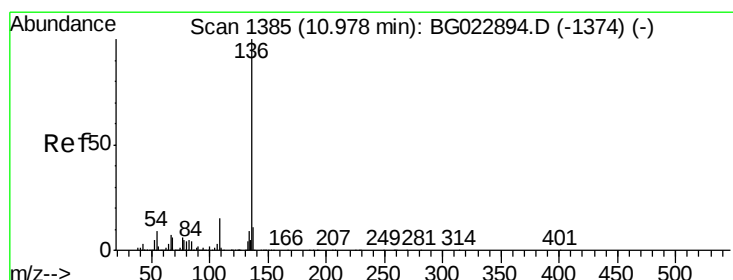
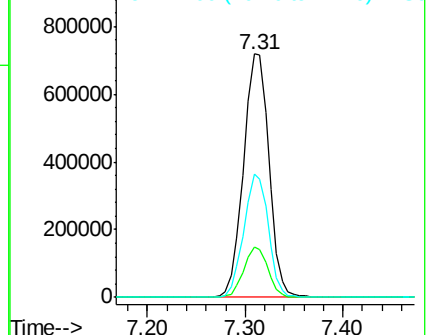
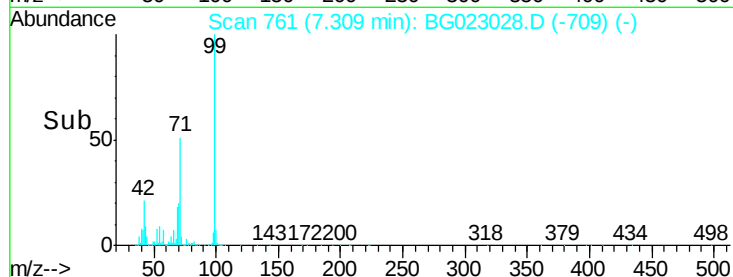


Abundance

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: 10.99 min Scan# 1387

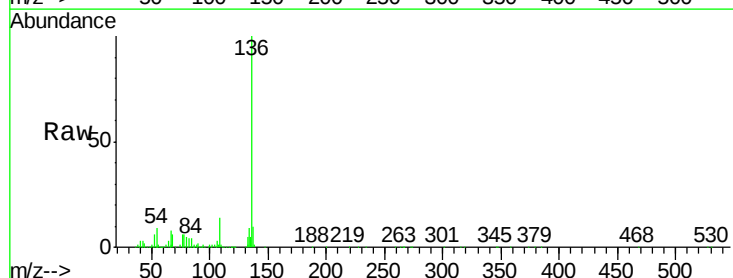
Delta R.T. 0.01 min

Lab File: BG023028.D

Acq: 12 Jul 2016 9:20

Tgt Ion: 136 Resp: 443739

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	8.7	7.3	10.9
68	5.8	5.3	7.9



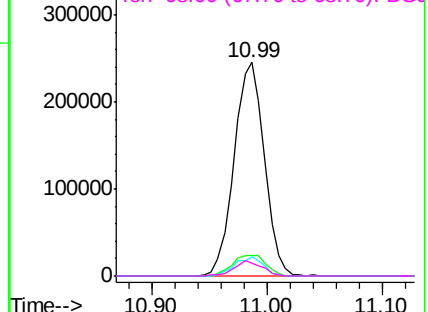
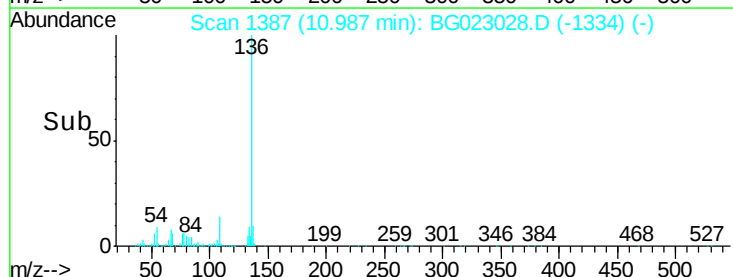
Abundance

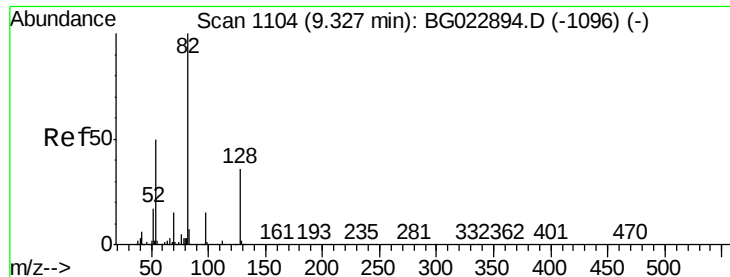
Ion 136.00 (135.70 to 136.70): BGC

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

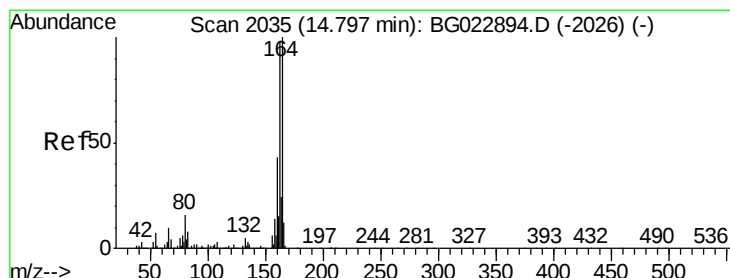
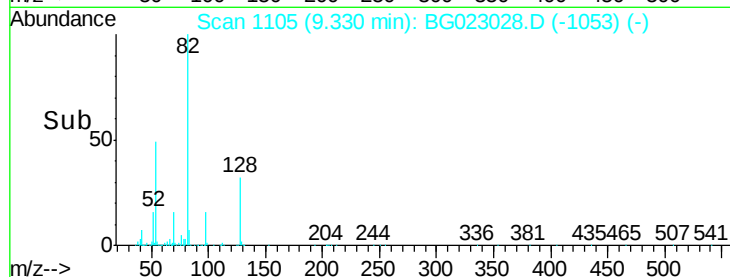
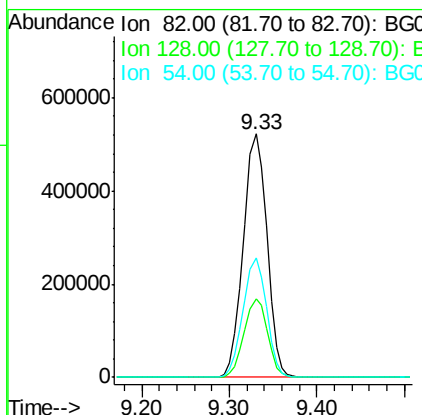
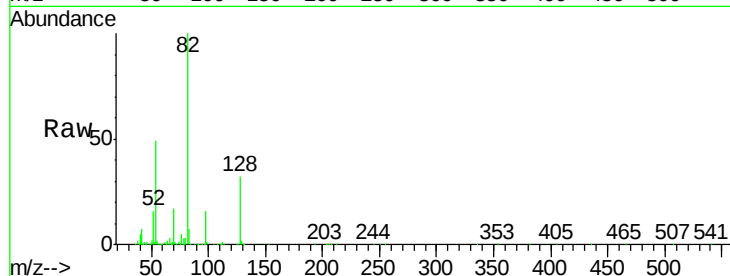




#23
 Nitrobenzene-d5
 Concen: 91.66 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023028.D
 Acq: 12 Jul 2016 9:20

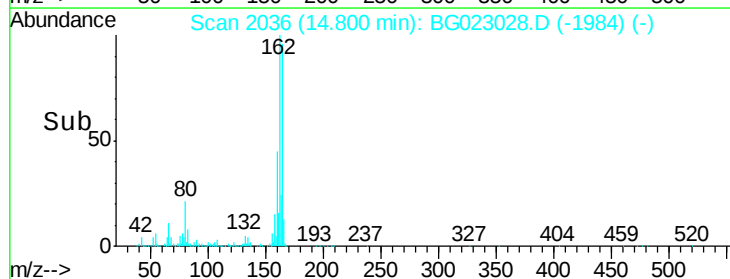
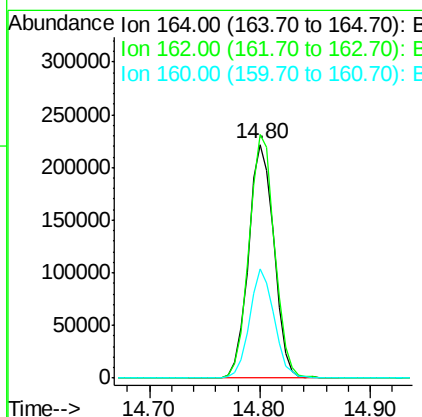
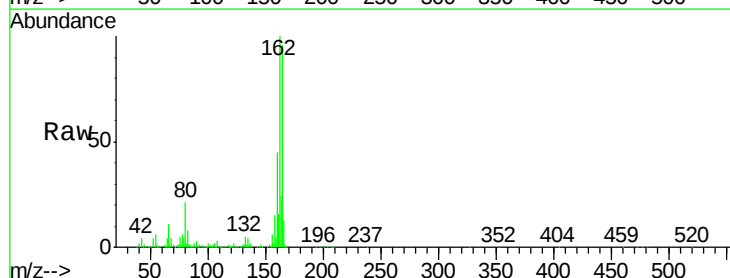
Instrument :
 BNA_G
 ClientSampleId :

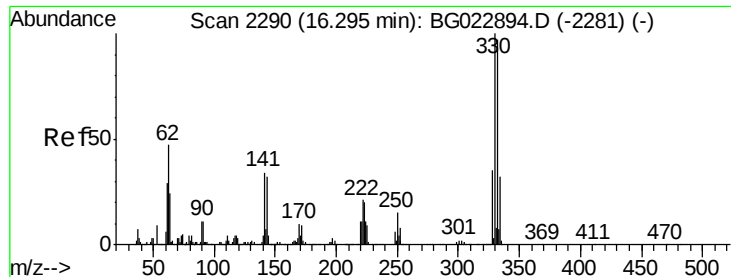
Tot Ion	82	Resp	949887
Ion Ratio	Lower	Upper	
82	100		
128	32.3	24.4	36.6
54	49.1	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023028.D
 Acq: 12 Jul 2016 9:20

Tgt Ion	164	Resp	358603
Ion Ratio	Lower	Upper	
164	100		
162	104.2	87.7	131.5
160	46.6	37.2	55.8

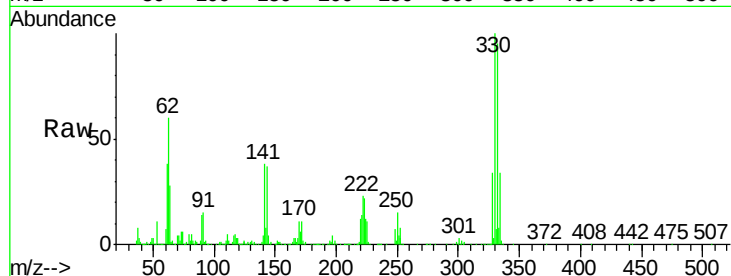




#41
2,4,6-Tribromophenol
Concen: 109.07 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG023028.D
Acq: 12 Jul 2016 9:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	38.6	31.7	47.5

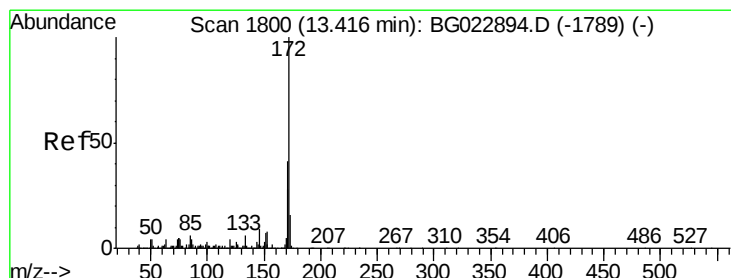
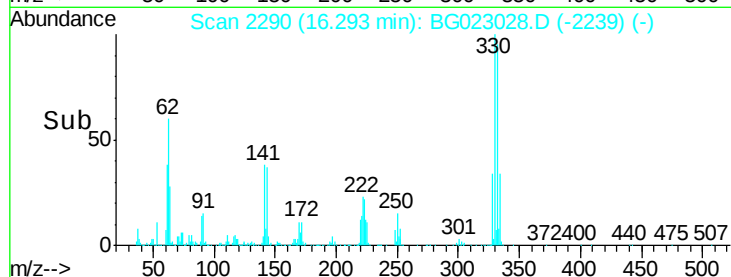
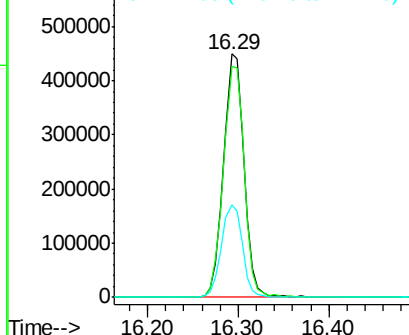


Abundance

Ion 329.80 (329.50 to 330.50): E

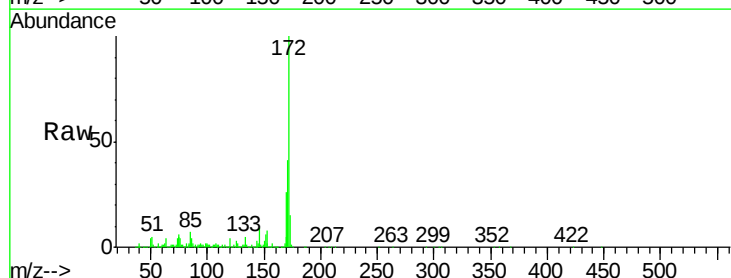
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 81.69 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023028.D
Acq: 12 Jul 2016 9:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.9	31.6	47.4
170	25.9	21.3	31.9

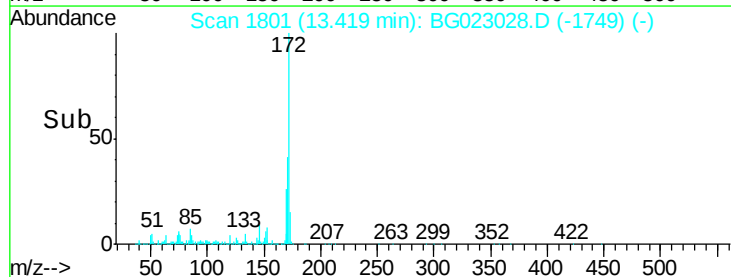
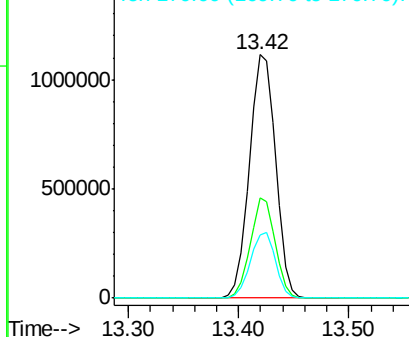


Abundance

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: 14.64 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023028.D

Acq: 12 Jul 2016 9:20

Instrument :

BNA_G

ClientSampleId :

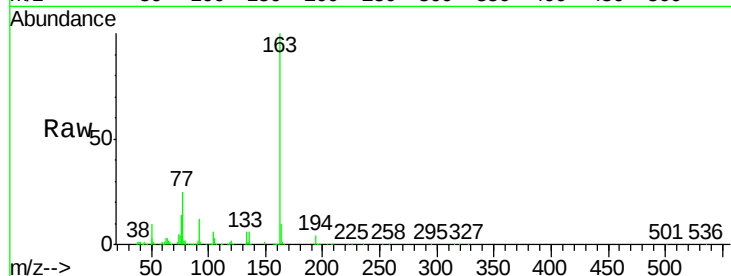
Tot Ion:163 Resp: 428721

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

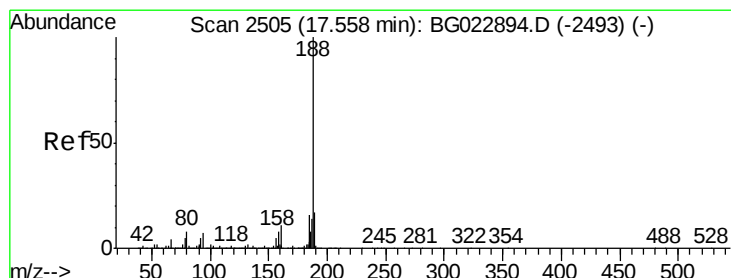
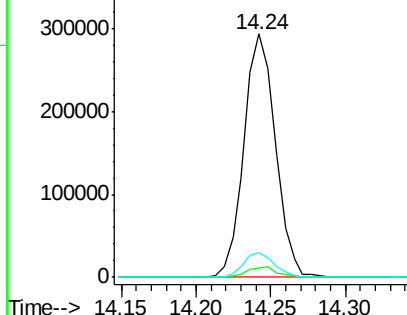
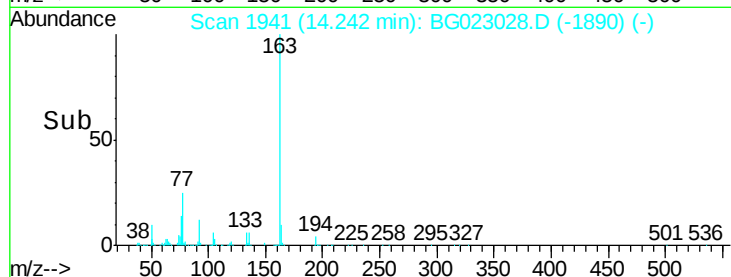
164 10.0 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023028.D

Acq: 12 Jul 2016 9:20

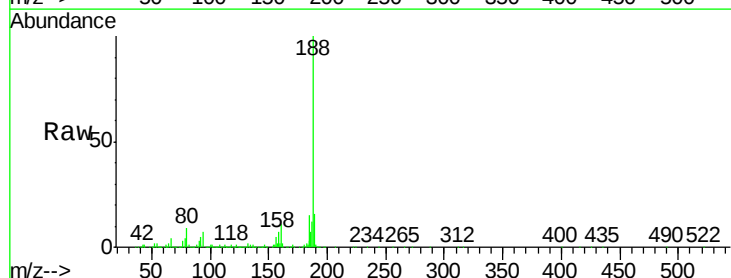
Tgt Ion:188 Resp: 822404

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

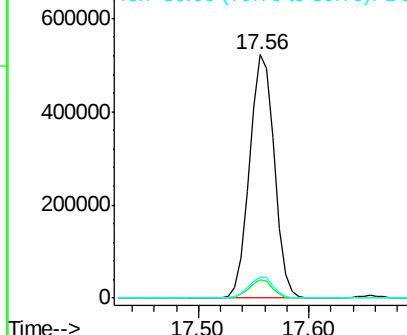
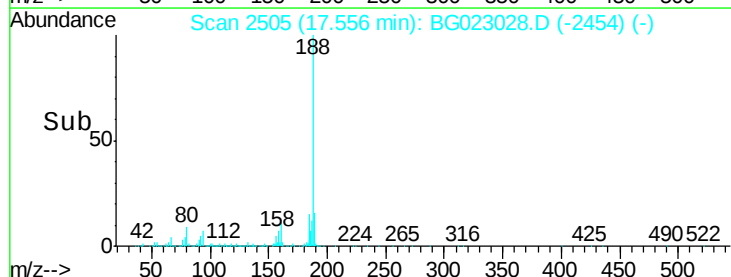
80 8.7 7.2 10.8

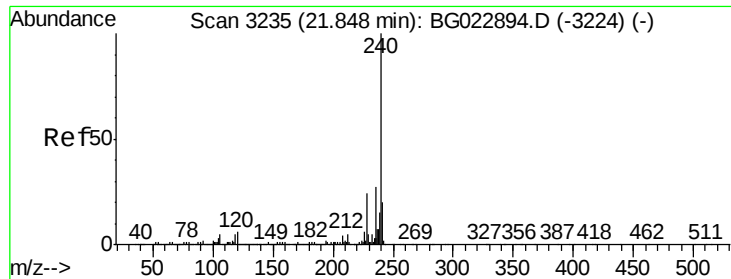


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023028.D

Acq: 12 Jul 2016 9:20

Instrument :

BNA_G

ClientSampleId :

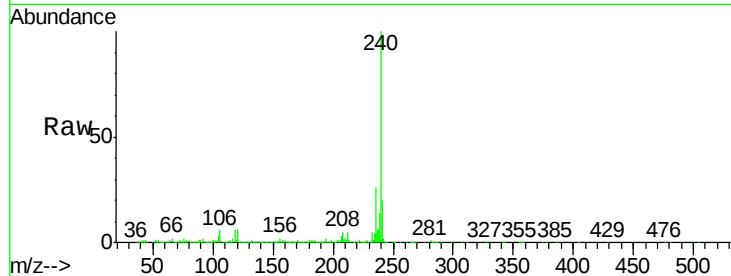
Tot Ion:240 Resp: 888227

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

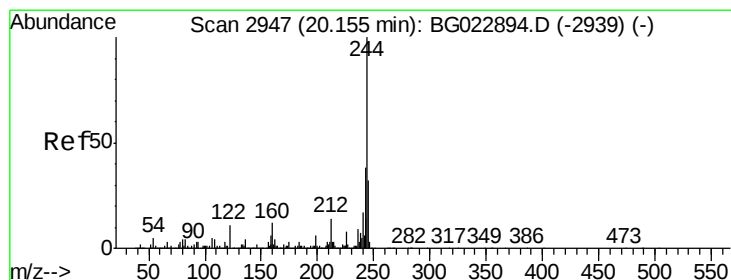
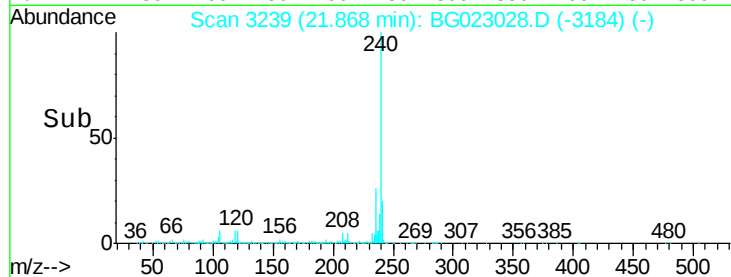
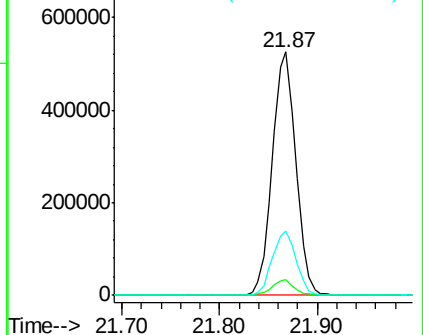
236 26.2 21.1 31.7



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: 91.17 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023028.D

Acq: 12 Jul 2016 9:20

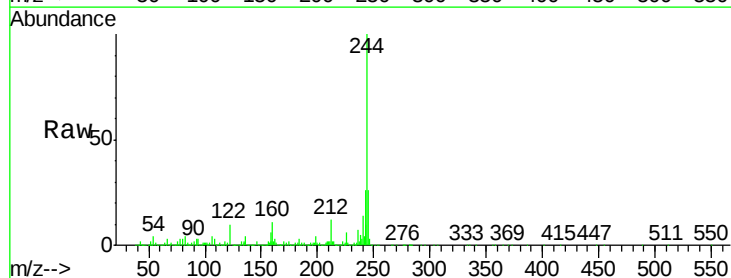
Tgt Ion:244 Resp: 2483796

Ion Ratio Lower Upper

244 100

212 12.3 10.8 16.2

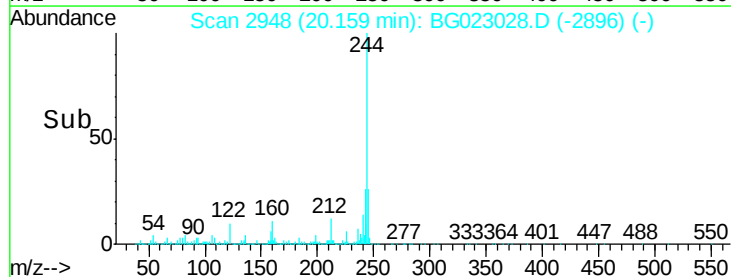
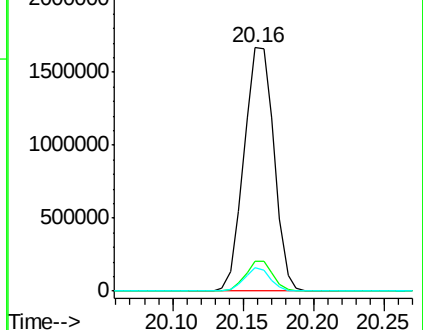
122 9.6 8.0 12.0

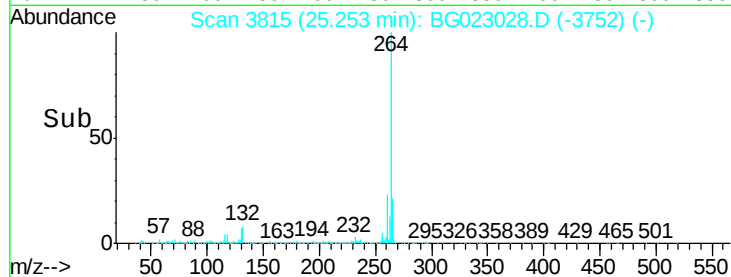
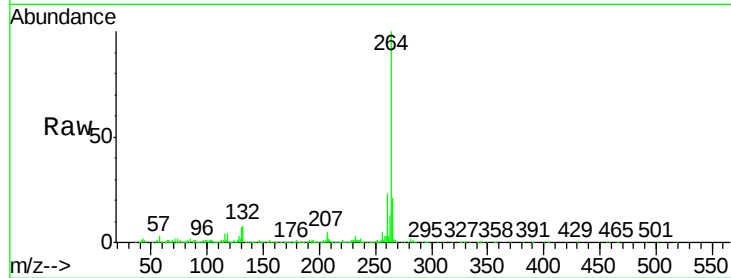
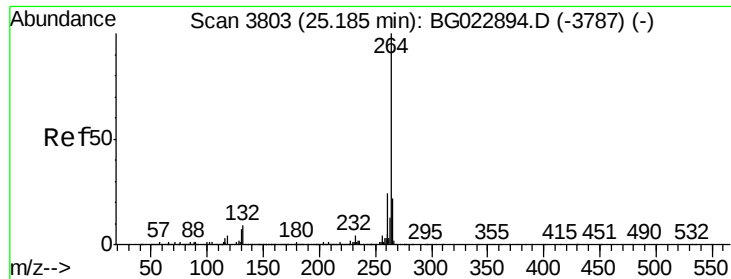


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023028.D

Acq: 12 Jul 2016 9:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 264 Resp: 902940

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 20.7 18.9 28.3

