

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
 Data File : BG023106.D
 Acq On : 14 Jul 2016 18:13
 Operator : UM/SJ
 Sample : H3996-29
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D8-B2(5-11)C

Quant Time: Jul 14 18:53:01 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

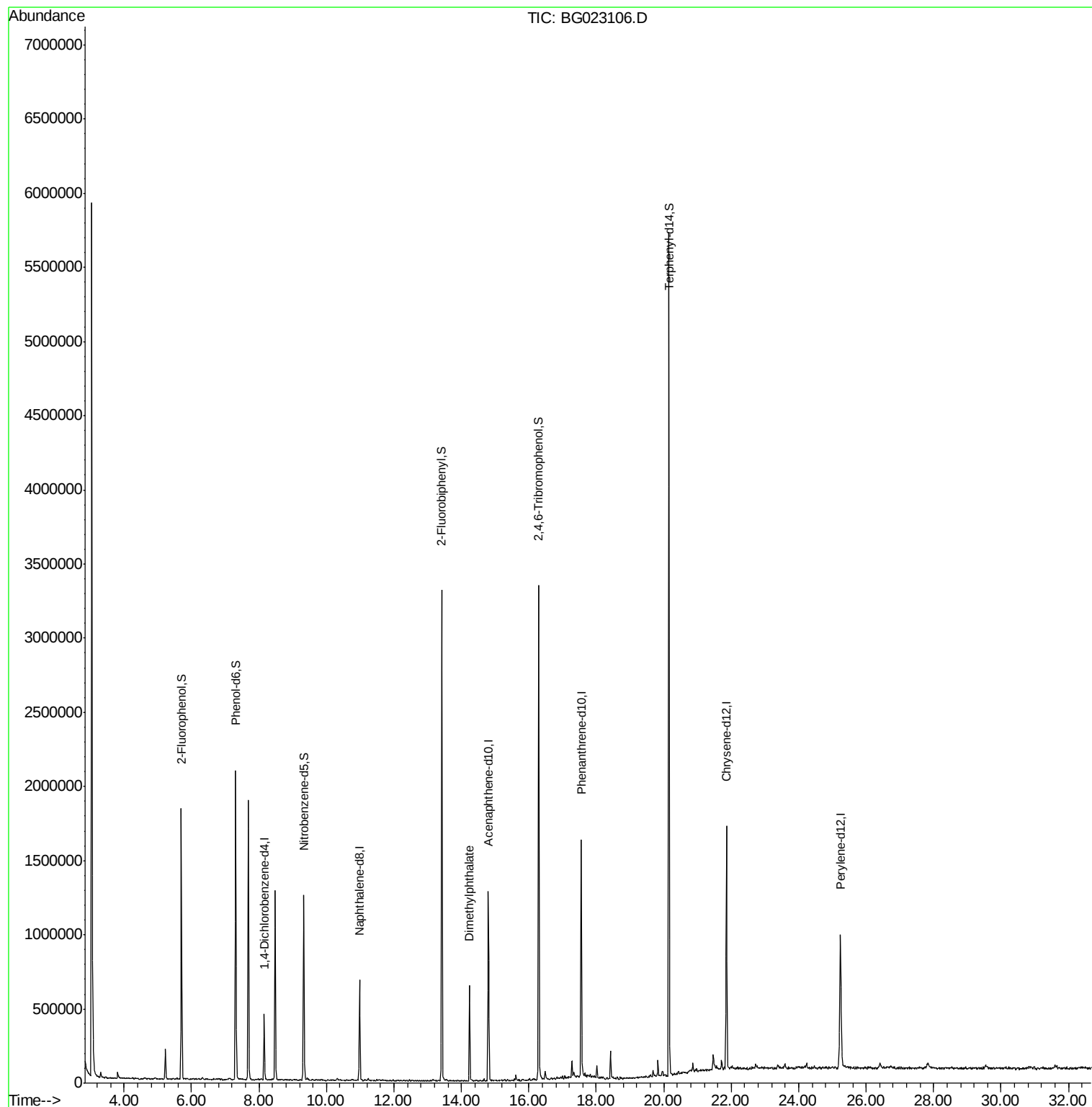
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	112524	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	532142	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	428960	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	982240	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1058473	20.00	ng	0.00
86) Perylene-d12	25.24	264	1066422	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	720584	104.74	ng	0.00
7) Phenol-d6	7.31	99	1158044	107.47	ng	0.00
23) Nitrobenzene-d5	9.32	82	836683	67.32	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	599054	77.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1605096	58.94	ng	0.00
78) Terphenyl-d14	20.15	244	2221018	59.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	385967	11.01	ng	Qvalue # 95

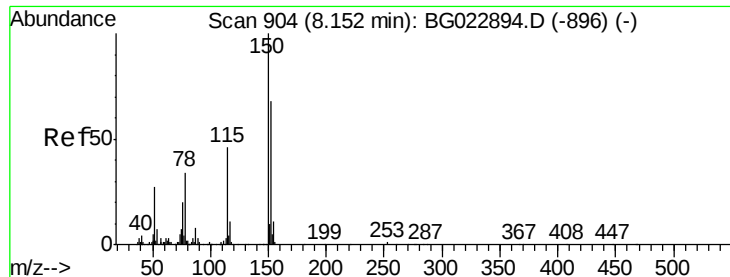
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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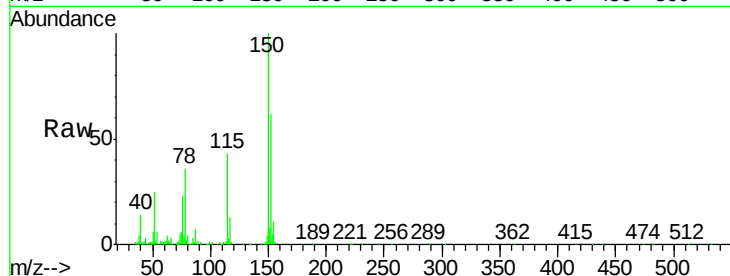


#1

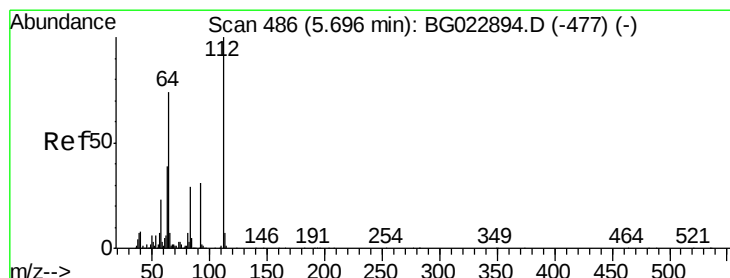
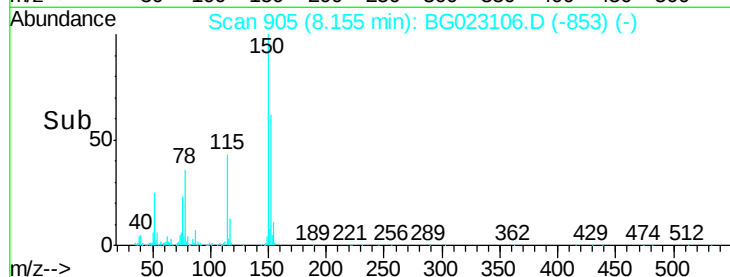
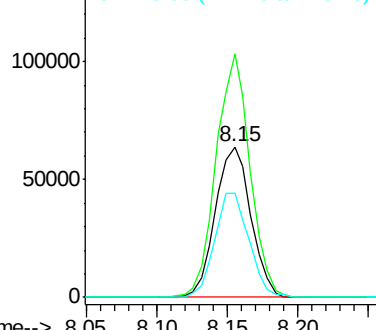
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023106.D
Acq: 14 Jul 2016 18:13

Instrument :
BNA_G
ClientSampleId :
D8-B2(5-11)C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.9	144.7	217.1
115	68.8	64.0	96.0



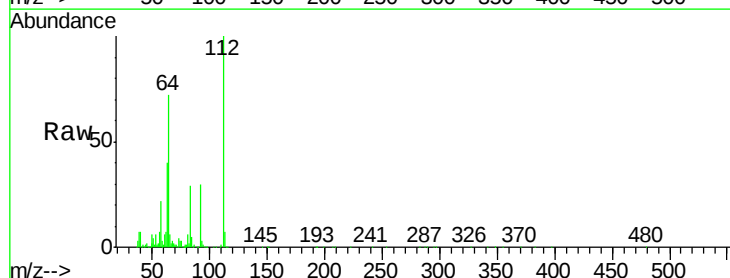
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



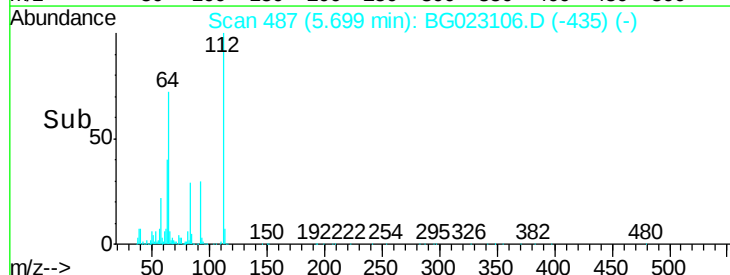
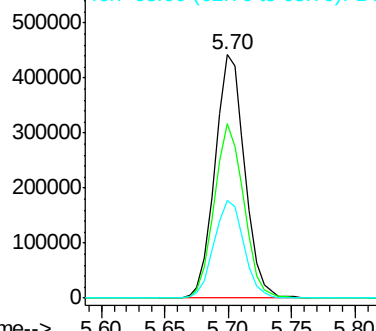
#5

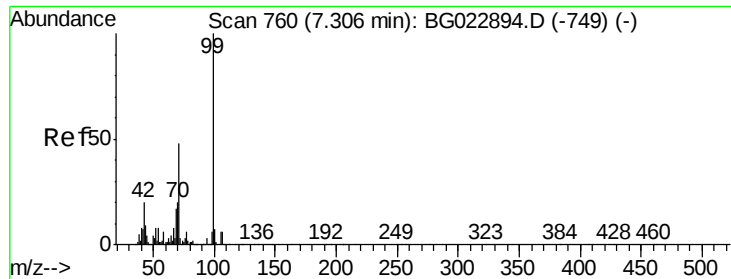
2-Fluorophenol
Concen: 104.74 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023106.D
Acq: 14 Jul 2016 18:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	59.0	88.4
63	40.3	37.8	56.8



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





#7

Phenol-d6

Concen: 107.47 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023106.D

Acq: 14 Jul 2016 18:13

Instrument :

BNA_G

ClientSampleId :

D8-B2(5-11)C

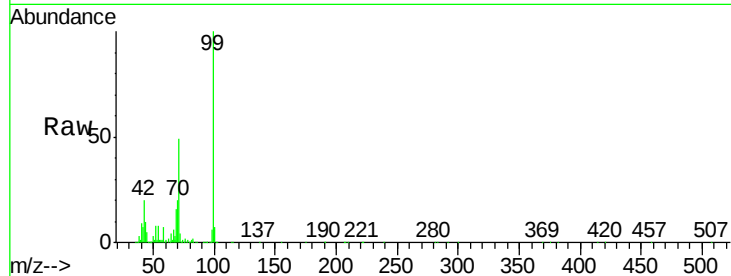
Tgt Ion: 99 Resp: 1158044

Ion Ratio Lower Upper

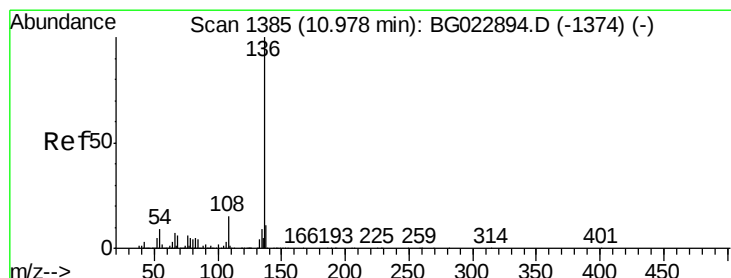
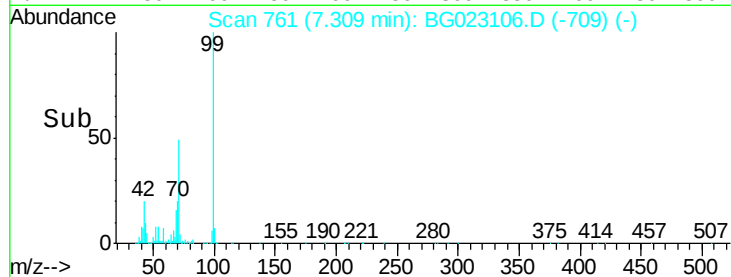
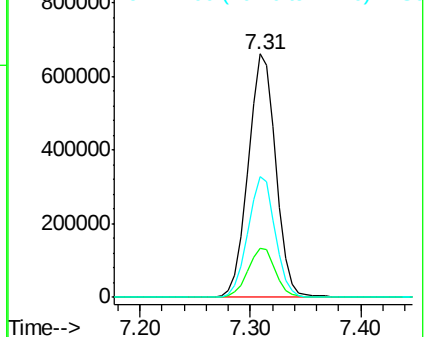
99 100

42 20.4 17.8 26.6

71 49.4 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: BG023106.D

Acq: 14 Jul 2016 18:13

Tgt Ion: 136 Resp: 532142

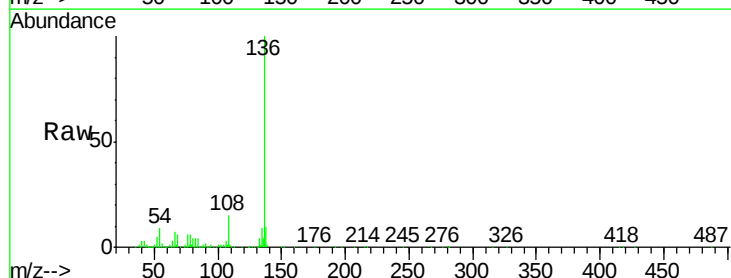
Ion Ratio Lower Upper

136 100

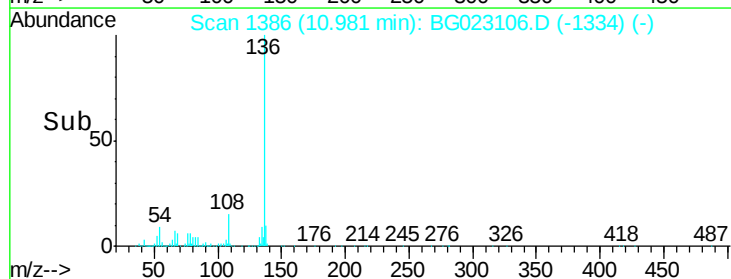
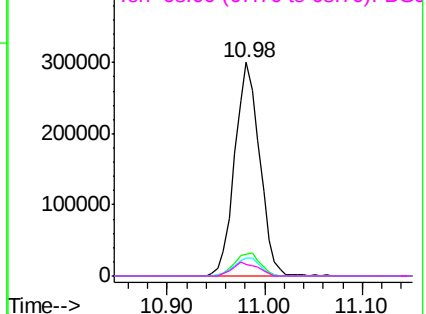
137 10.5 9.6 14.4

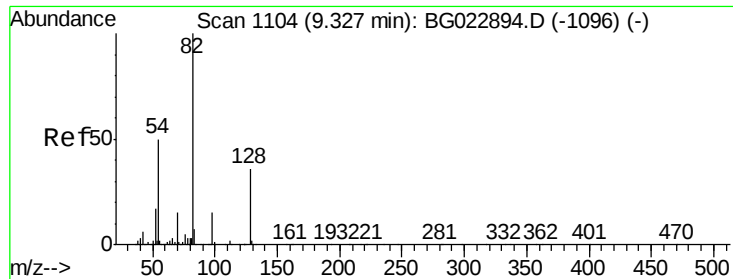
54 8.5 7.3 10.9

68 5.7 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

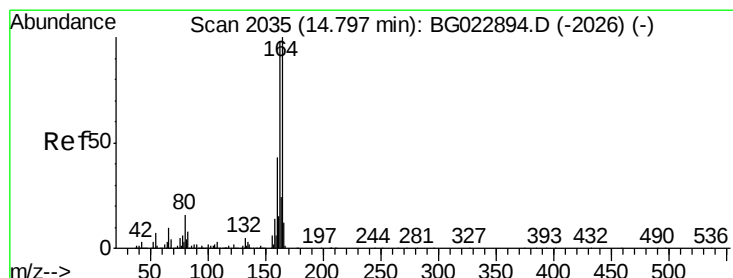
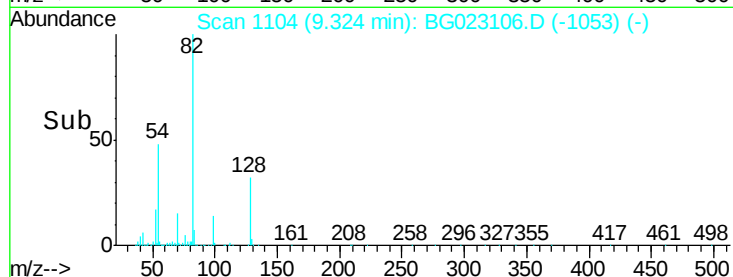
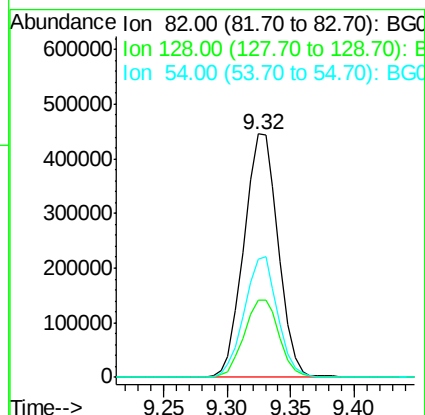
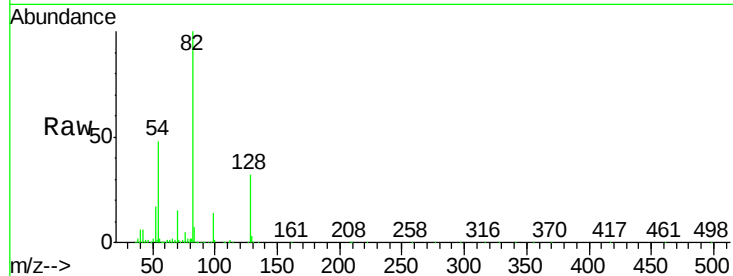




#23
 Nitrobenzene-d5
 Concen: 67.32 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023106.D
 Acq: 14 Jul 2016 18:13

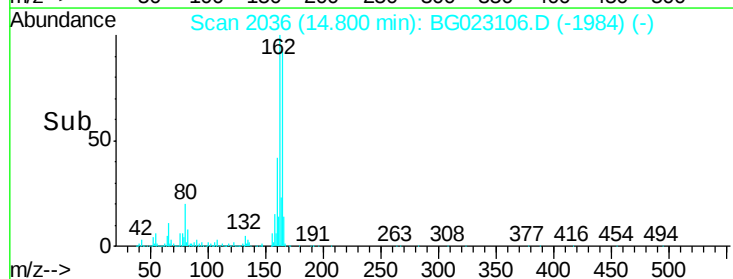
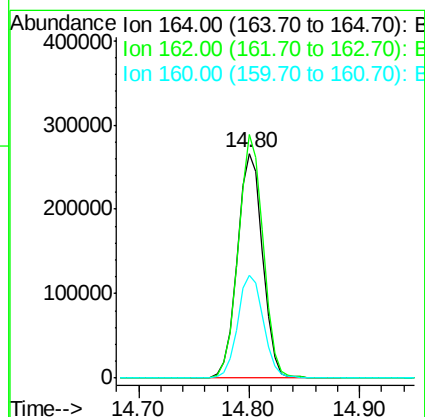
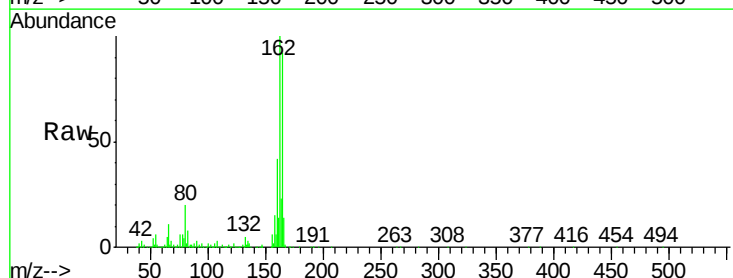
Instrument :
 BNA_G
 ClientSampleId :
 D8-B2(5-11)C

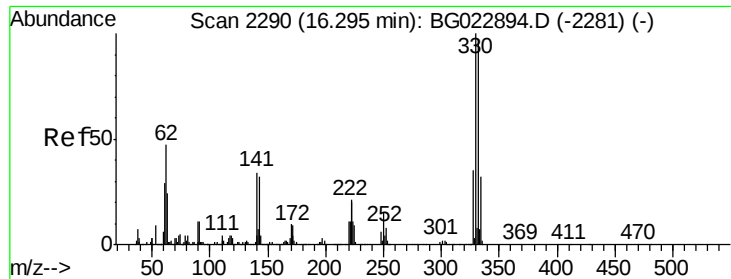
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.4	36.6
54	48.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023106.D
 Acq: 14 Jul 2016 18:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	87.7	131.5
160	45.6	37.2	55.8

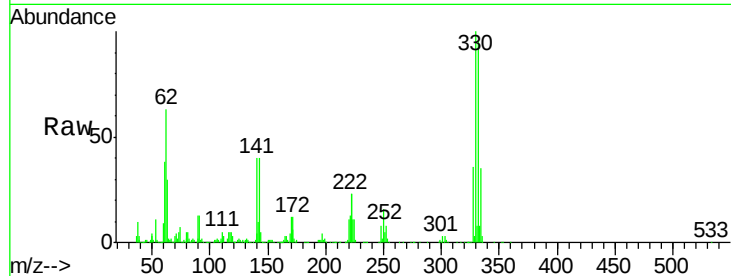




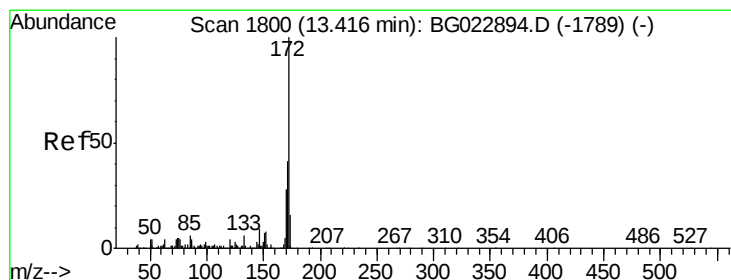
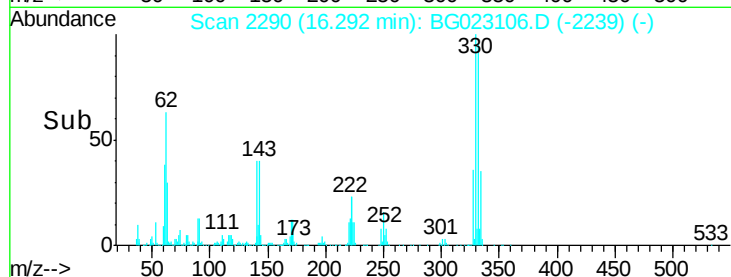
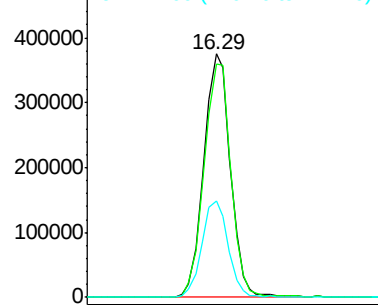
#41
 2,4,6-Tribromophenol
 Concen: 77.70 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023106.D
 Acq: 14 Jul 2016 18:13

Instrument :
 BNA_G
 ClientSampleId :
 D8-B2(5-11)C

Tgt Ion:330 Resp: 599054
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 39.3 31.7 47.5

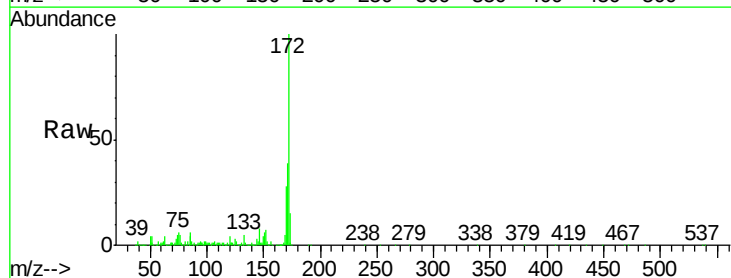


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

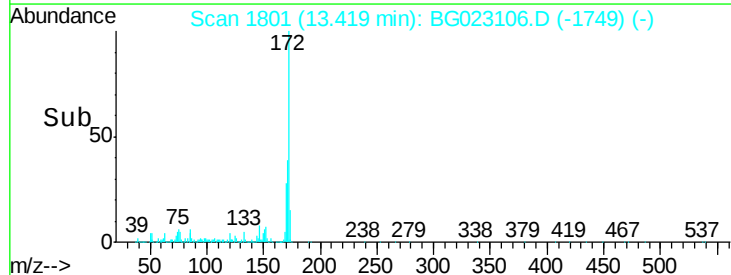
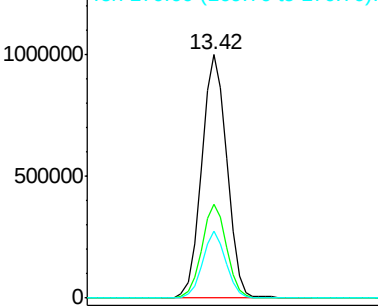


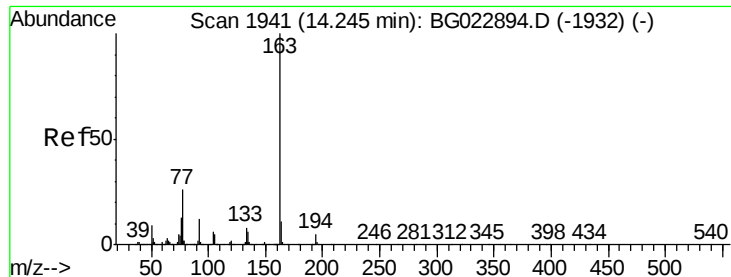
#44
 2-Fluorobiphenyl
 Concen: 58.94 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023106.D
 Acq: 14 Jul 2016 18:13

Tgt Ion:172 Resp: 1605096
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.6 47.4
 170 27.6 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: 11.01 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023106.D

Acq: 14 Jul 2016 18:13

Instrument :

BNA_G

ClientSampleId :

D8-B2(5-11)C

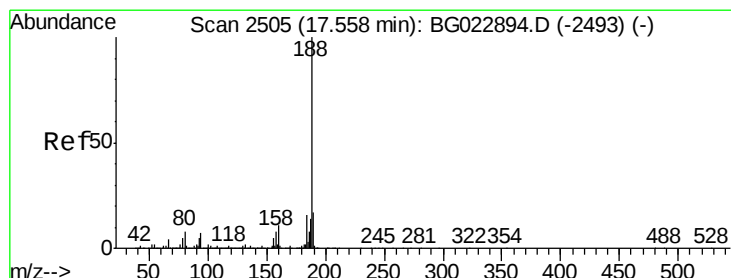
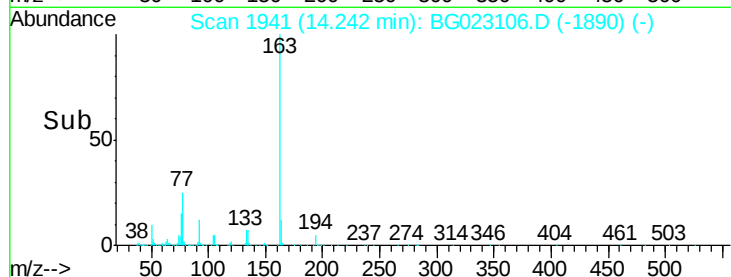
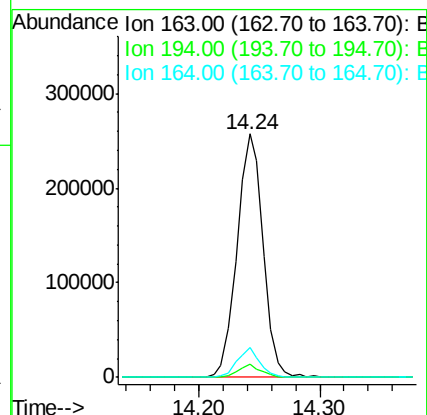
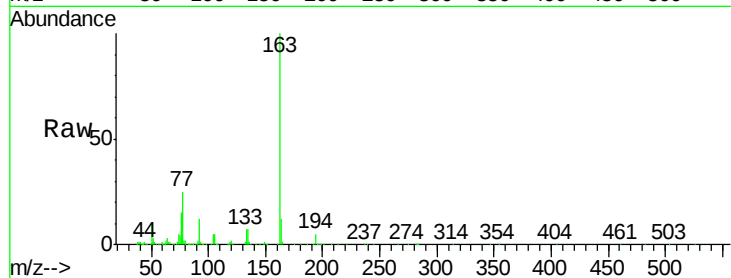
Tgt Ion:163 Resp: 385967

Ion Ratio Lower Upper

163 100

194 5.3 3.6 5.4

164 12.2 8.1 12.1#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023106.D

Acq: 14 Jul 2016 18:13

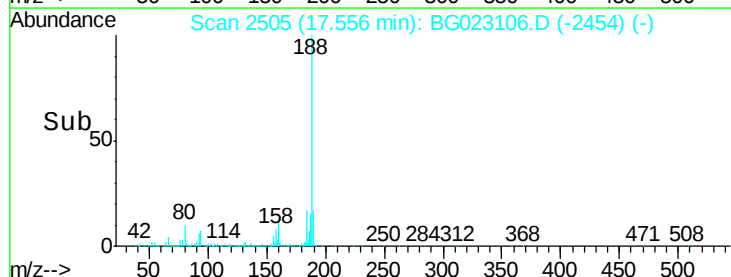
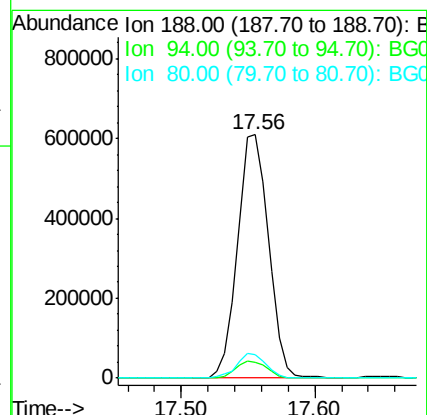
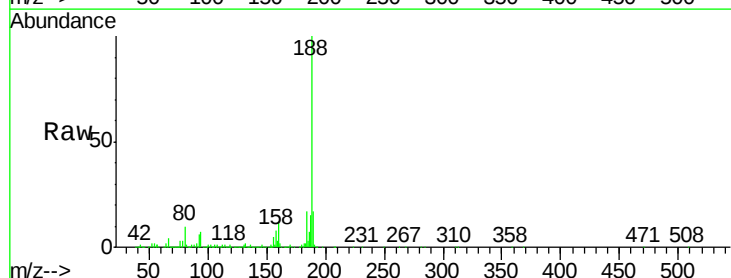
Tgt Ion:188 Resp: 982240

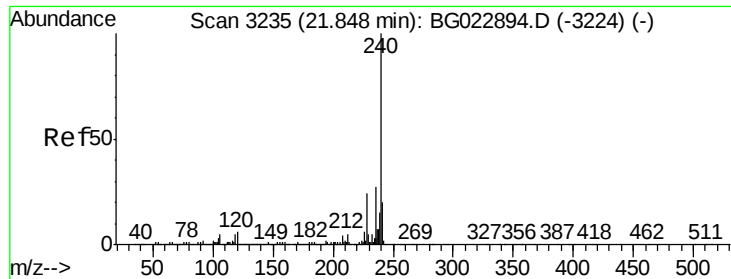
Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

80 9.7 7.2 10.8

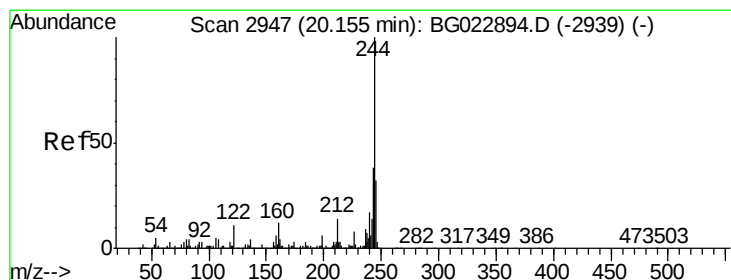
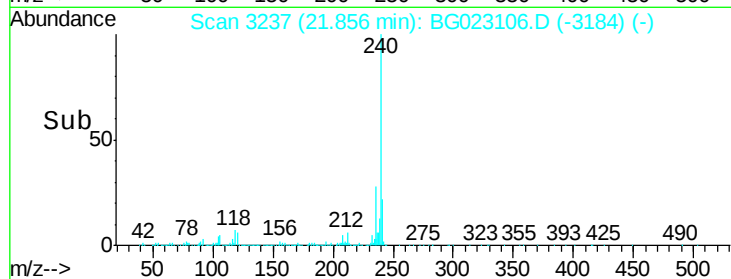
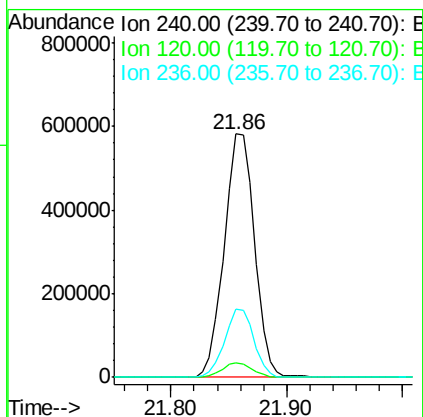
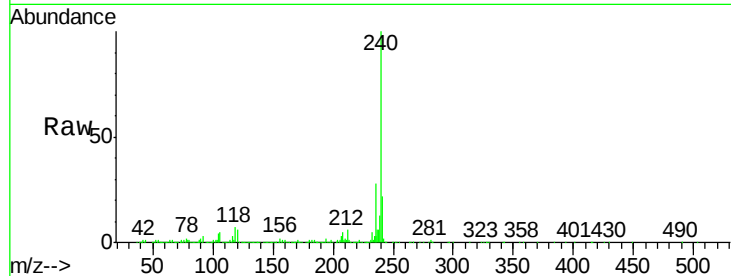




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG023106.D
Acq: 14 Jul 2016 18:13

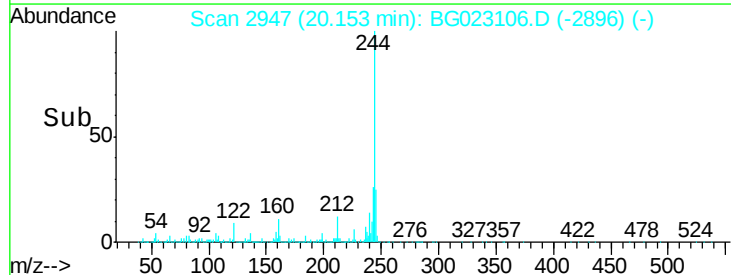
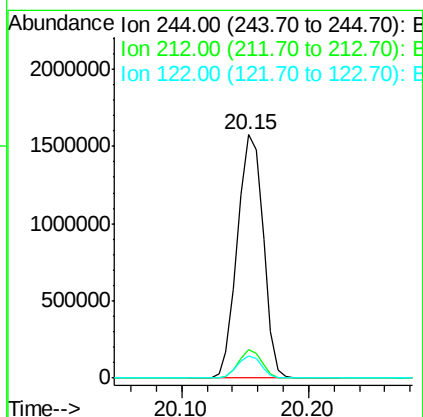
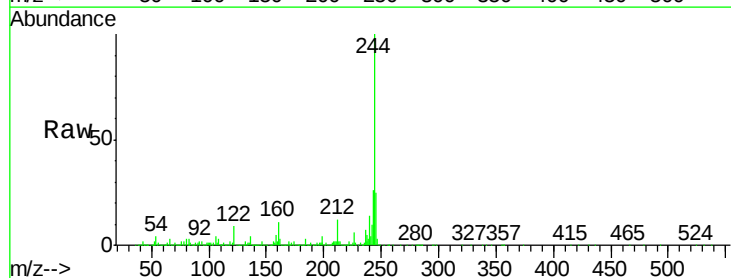
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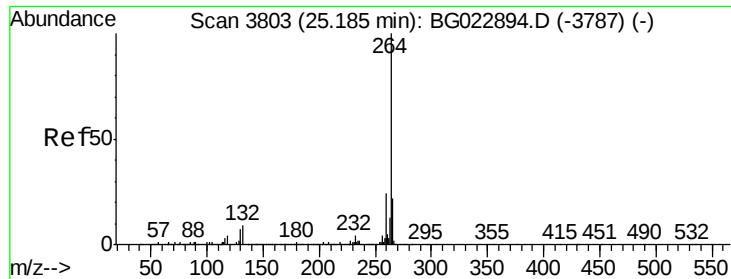
Tgt Ion:240 Resp: 1058473
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 27.9 21.1 31.7



#78
Terphenyl-d14
Concen: 59.07 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023106.D
Acq: 14 Jul 2016 18:13

Tgt Ion:244 Resp: 2221018
Ion Ratio Lower Upper
244 100
212 11.8 10.8 16.2
122 9.2 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023106.D

Acq: 14 Jul 2016 18:13

Instrument :

BNA_G

ClientSampleId :

D8-B2(5-11)C

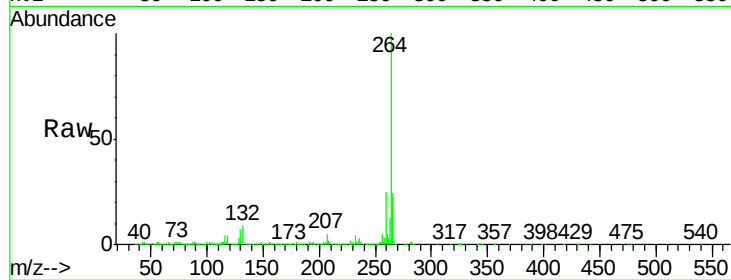
Tgt Ion:264 Resp: 1066422

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 23.7 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

