

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071316\
 Data File : BG023075.D
 Acq On : 13 Jul 2016 18:30
 Operator : UM/SJ
 Sample : H3946-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)C

Quant Time: Jul 14 00:59:55 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

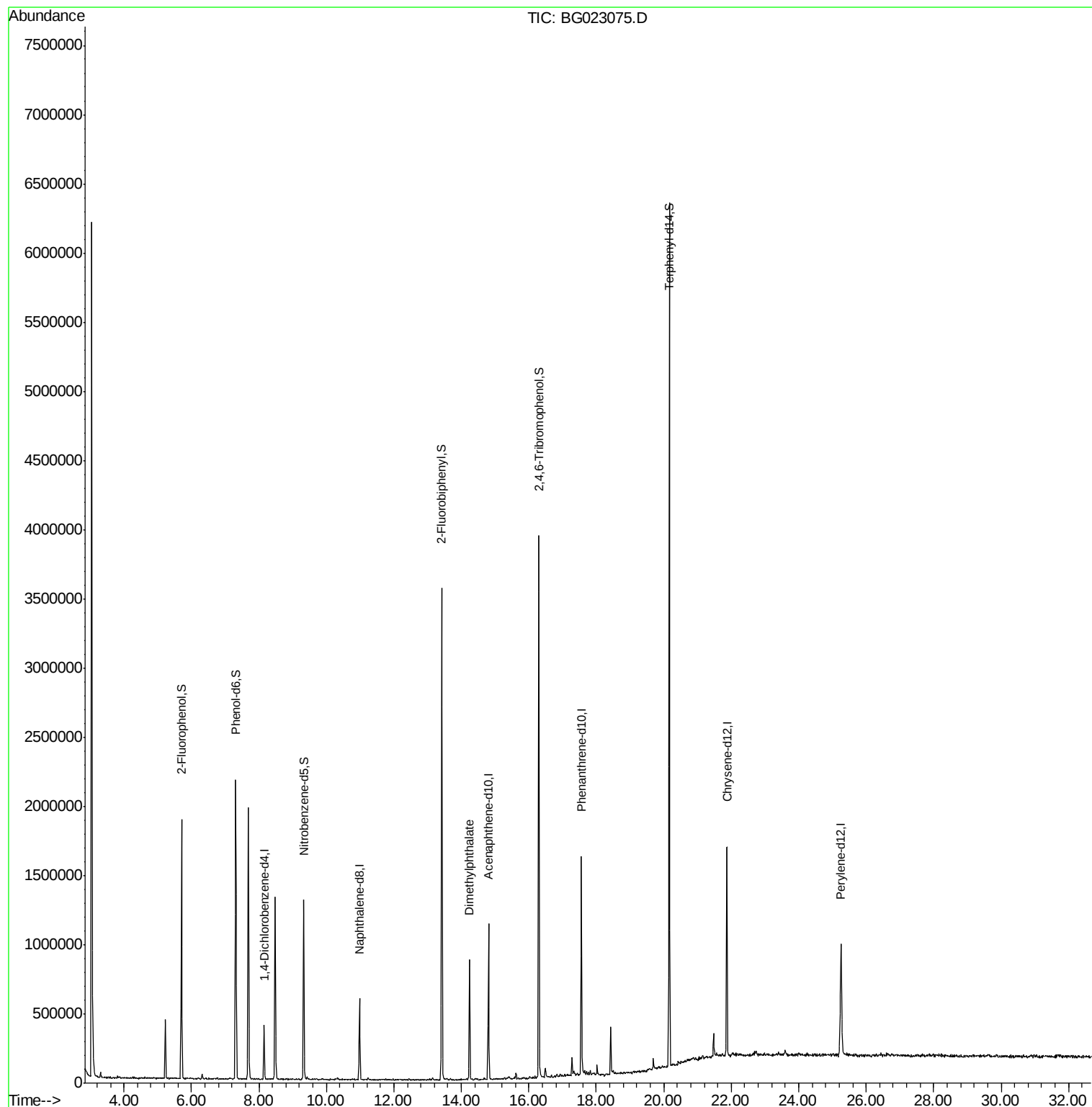
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	98322	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	472875	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	387350	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	946257	20.00	ng	0.00
75) Chrysene-d12	21.86	240	960572	20.00	ng	0.02
86) Perylene-d12	25.25	264	975018	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	738834	122.90	ng	0.00
7) Phenol-d6	7.31	99	1187180	126.08	ng	0.00
23) Nitrobenzene-d5	9.33	82	857035	77.61	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	704552	101.21	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1804376	73.37	ng	0.00
78) Terphenyl-d14	20.16	244	2401448	76.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	532691	16.84	ng	Qvalue 98

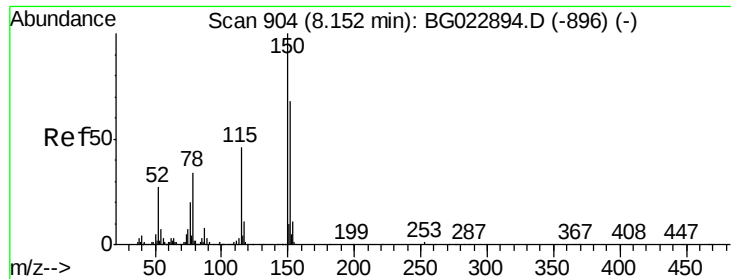
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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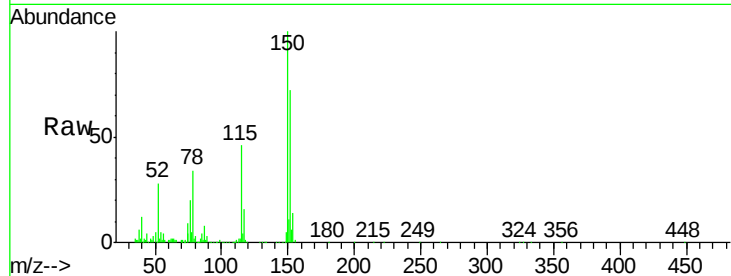


#1

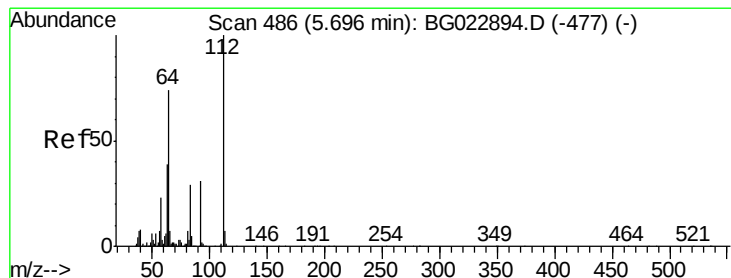
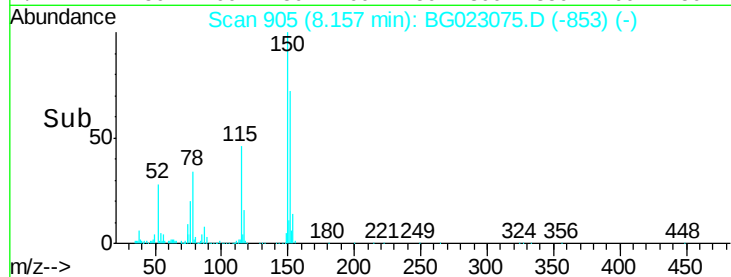
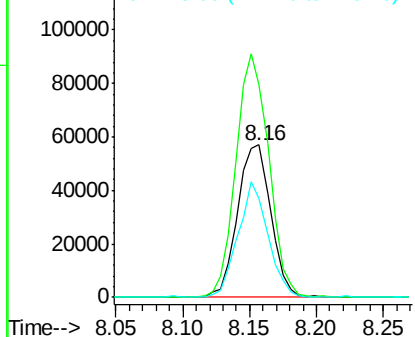
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BG023075.D
 Acq: 13 Jul 2016 18:30

Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	139.9	144.7	217.1#
115	64.7	64.0	96.0



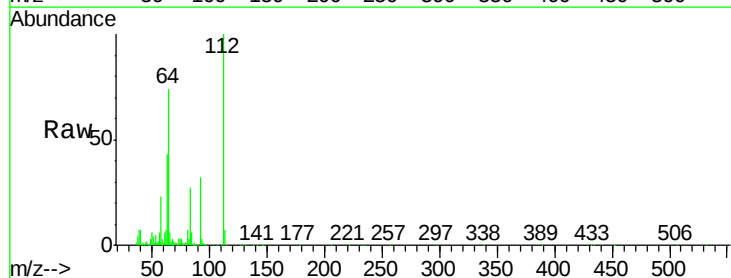
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



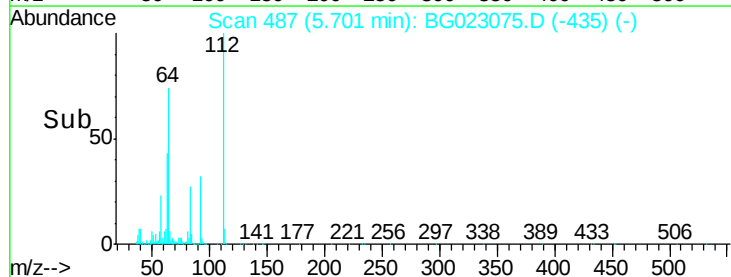
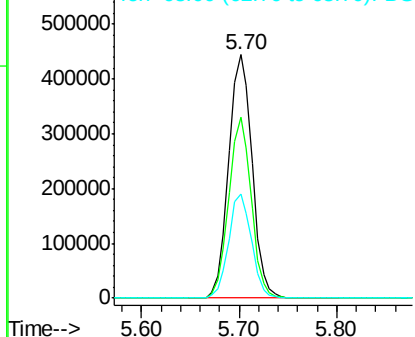
#5

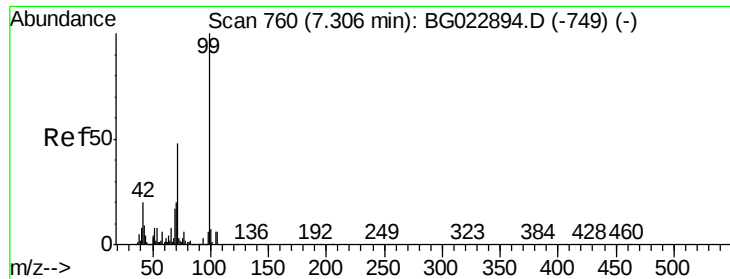
2-Fluorophenol
 Concen: 122.90 ng
 RT: 5.70 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BG023075.D
 Acq: 13 Jul 2016 18:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.5	59.0	88.4
63	43.0	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: 126.08 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023075.D

Acq: 13 Jul 2016 18:30

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)C

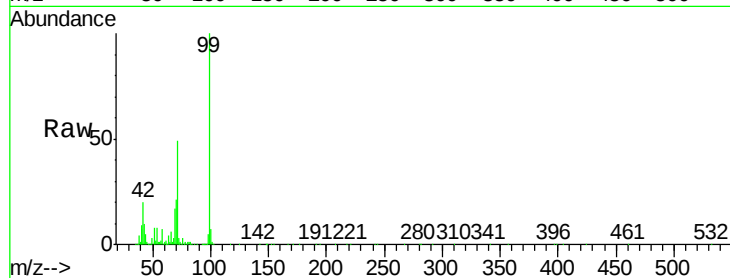
Tgt Ion: 99 Resp: 1187180

Ion Ratio Lower Upper

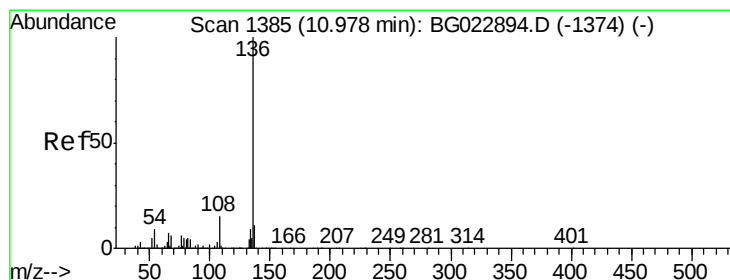
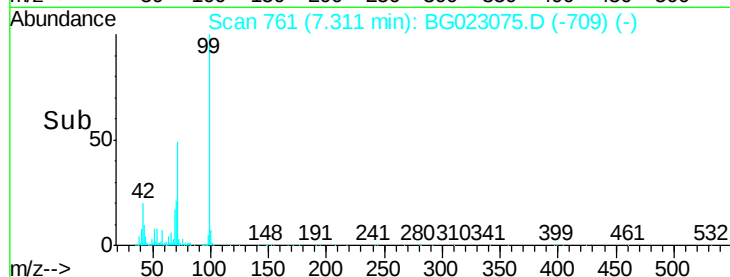
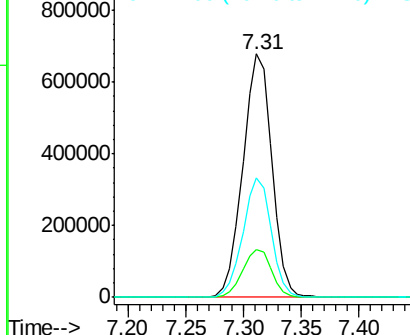
99 100

42 19.5 17.8 26.6

71 49.2 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. 0.01 min

Lab File: BG023075.D

Acq: 13 Jul 2016 18:30

Tgt Ion: 136 Resp: 472875

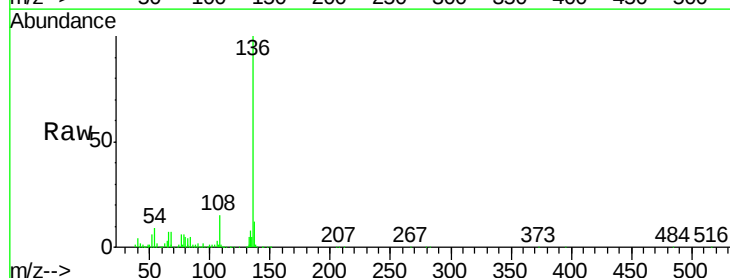
Ion Ratio Lower Upper

136 100

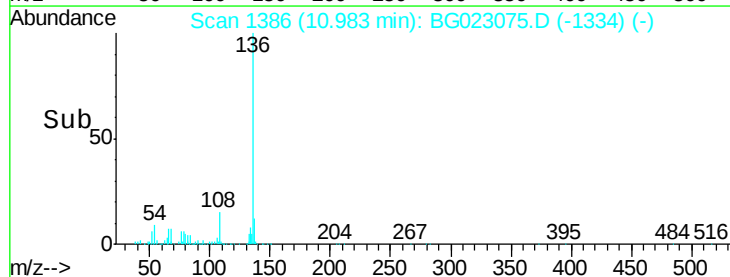
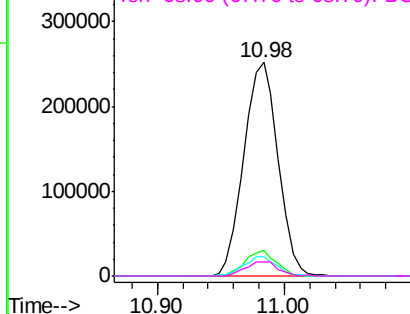
137 12.0 9.6 14.4

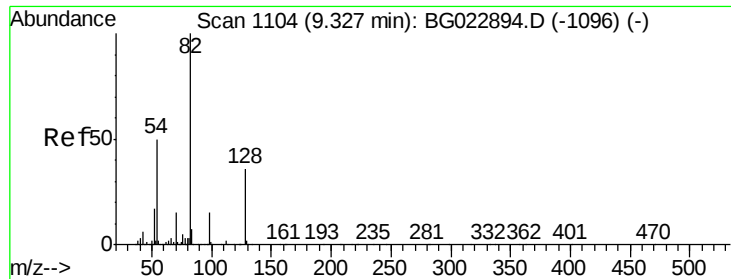
54 9.2 7.3 10.9

68 6.7 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

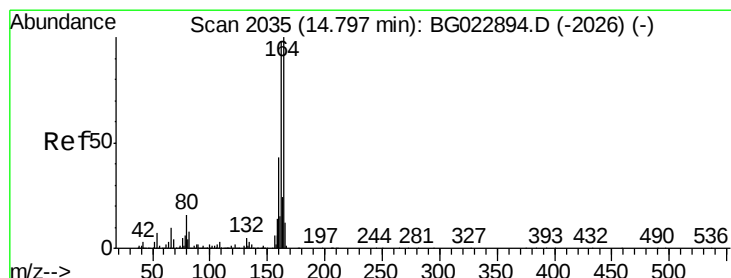
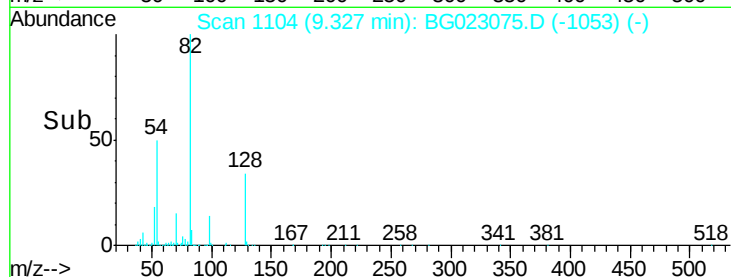
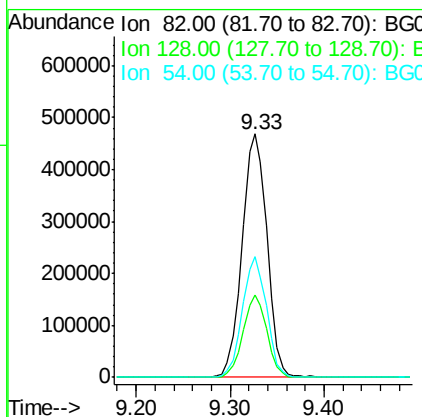
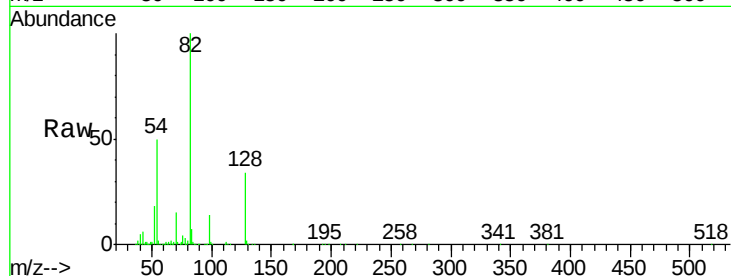




#23
 Nitrobenzene-d5
 Concen: 77.61 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023075.D
 Acq: 13 Jul 2016 18:30

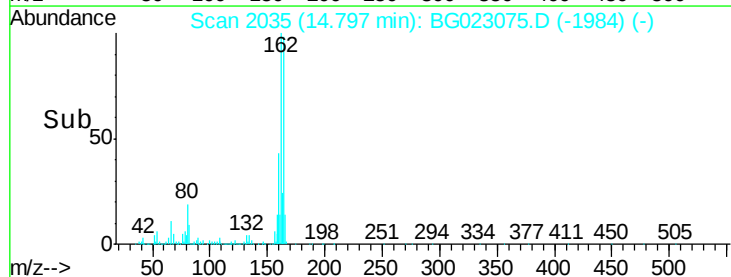
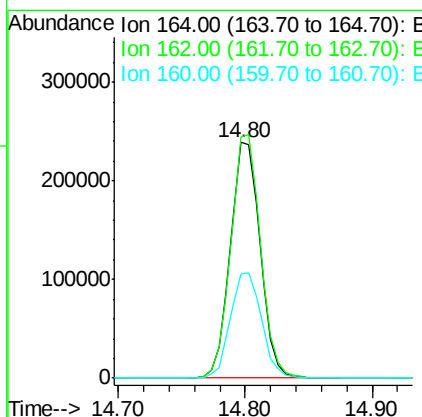
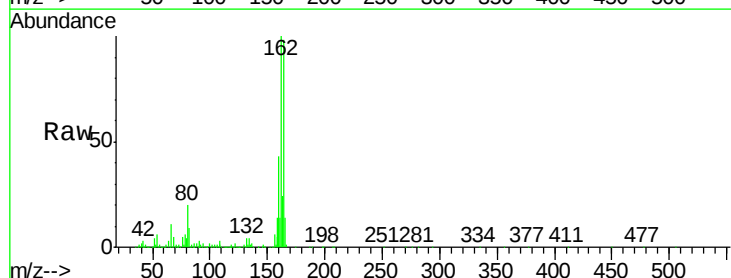
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)C

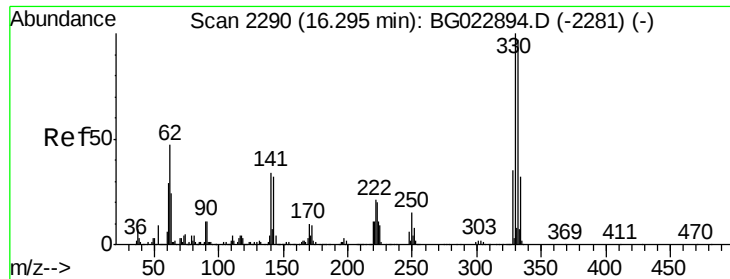
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	24.4	36.6
54	49.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023075.D
 Acq: 13 Jul 2016 18:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	87.7	131.5
160	44.1	37.2	55.8

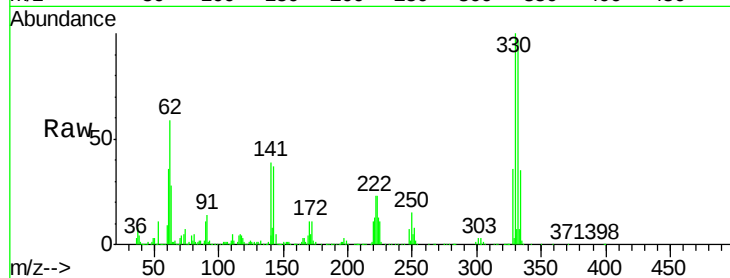




#41
 2,4,6-Tribromophenol
 Concen: 101.21 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023075.D
 Acq: 13 Jul 2016 18:30

Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.2
141	38.3	31.7	47.5

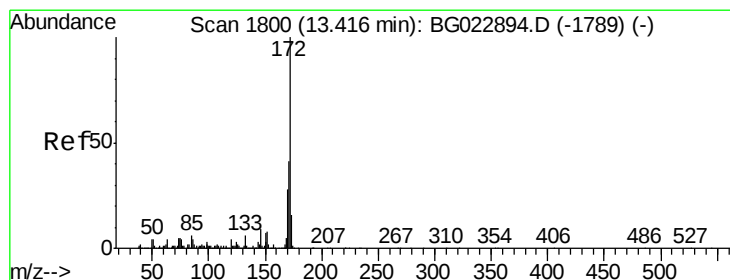
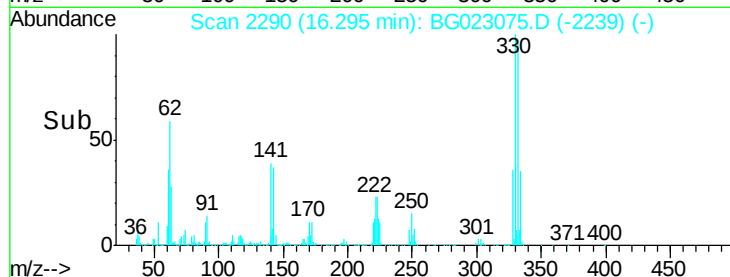
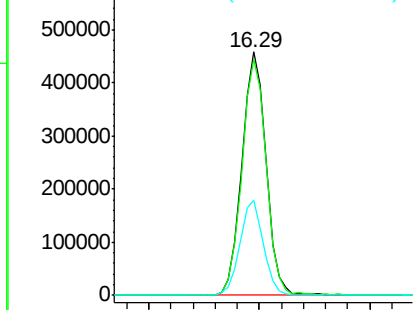


Abundance

Ion 329.80 (329.50 to 330.50): E

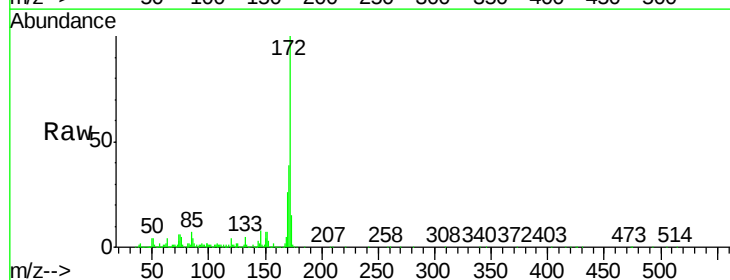
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.37 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023075.D
 Acq: 13 Jul 2016 18:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	25.6	21.3	31.9

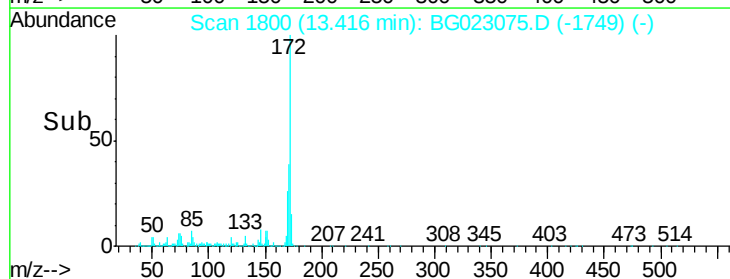
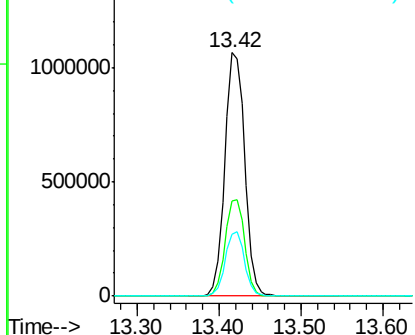


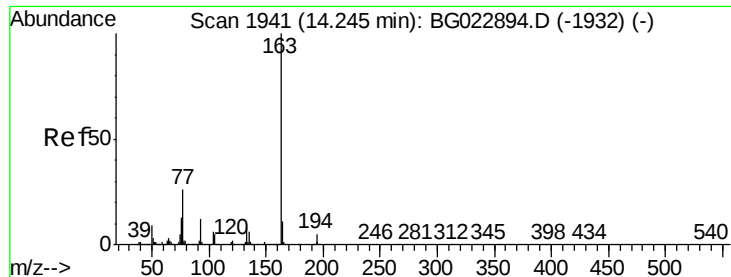
Abundance

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: 16.84 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023075.D

Acq: 13 Jul 2016 18:30

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)C

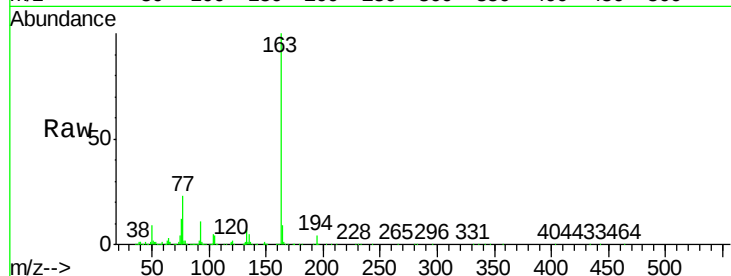
Tgt Ion:163 Resp: 532691

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

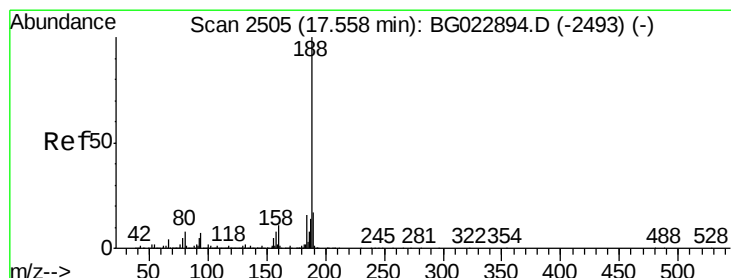
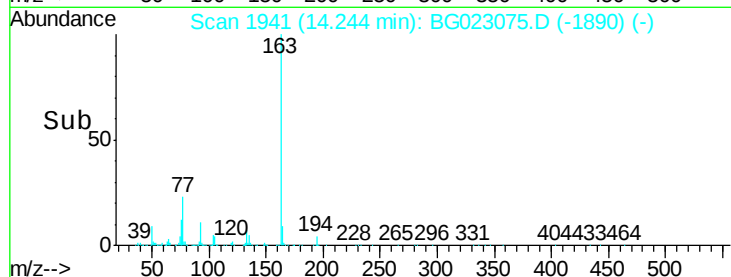
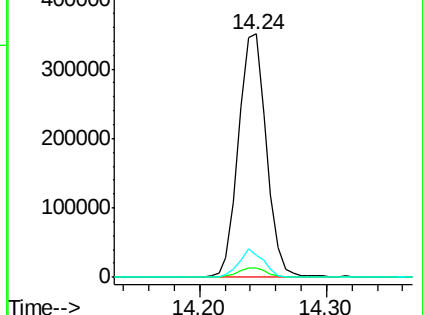
164 9.3 8.1 12.1



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: BG023075.D

Acq: 13 Jul 2016 18:30

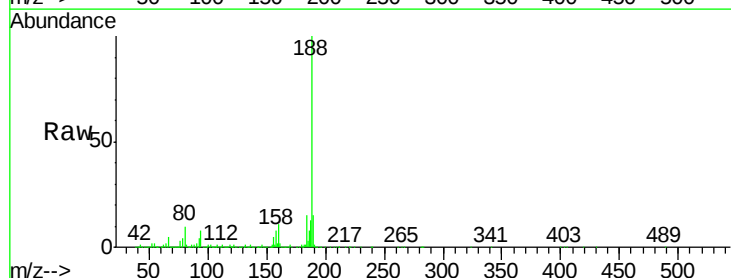
Tgt Ion:188 Resp: 946257

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

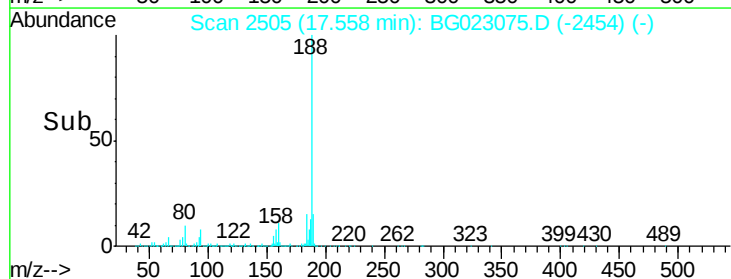
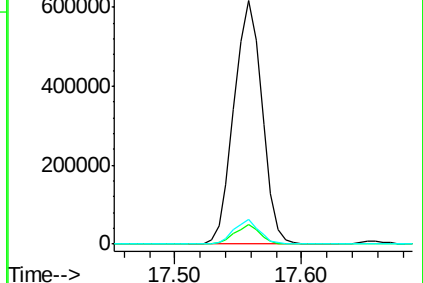
80 10.2 7.2 10.8

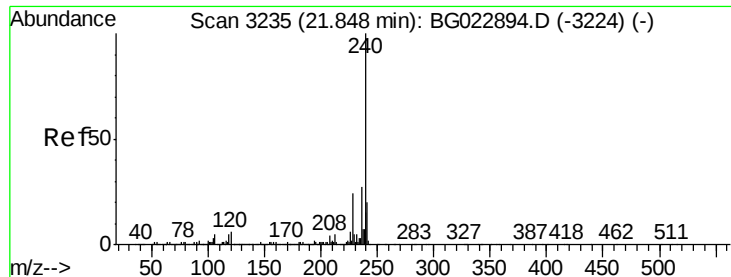


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

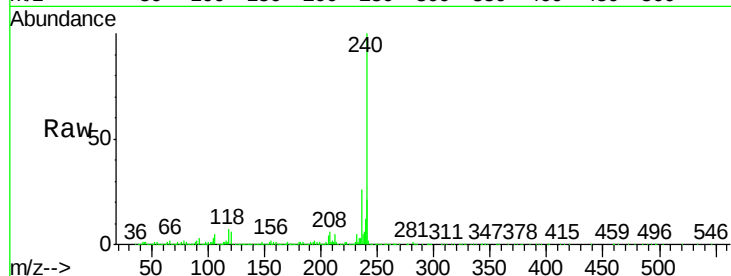




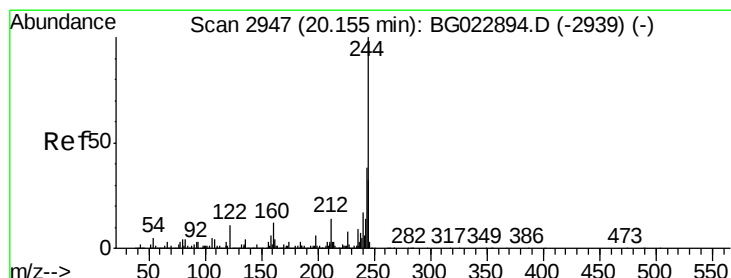
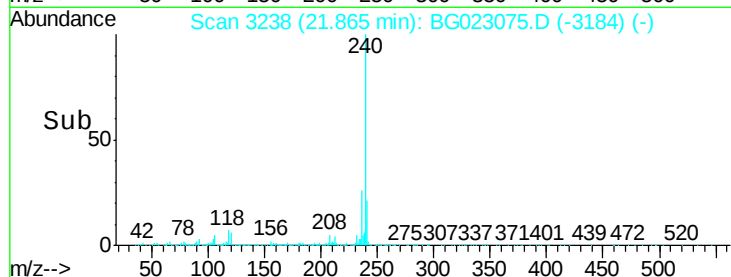
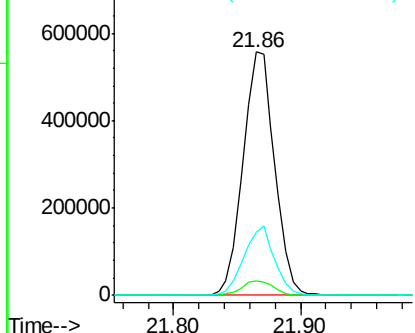
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023075.D
Acq: 13 Jul 2016 18:30

Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)C

Tgt Ion:240 Resp: 960572
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 25.7 21.1 31.7

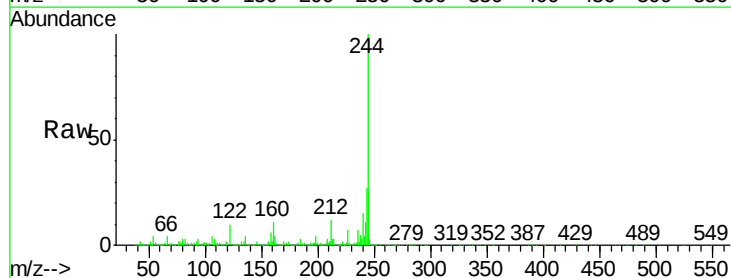


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

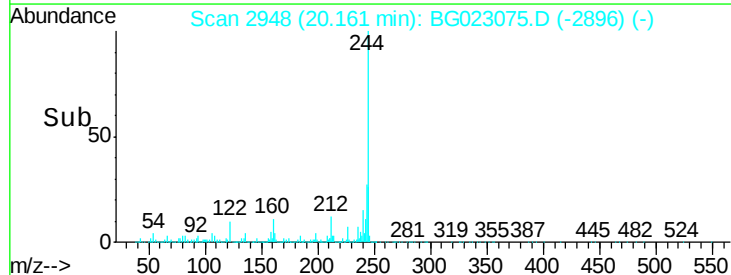
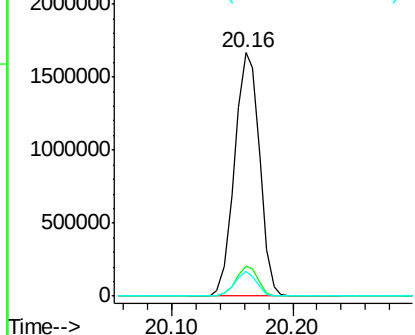


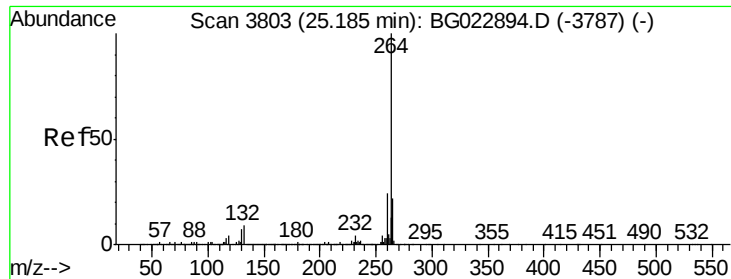
#78
Terphenyl-d14
Concen: 76.24 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG023075.D
Acq: 13 Jul 2016 18:30

Tgt Ion:244 Resp: 2401448
Ion Ratio Lower Upper
244 100
212 12.0 10.8 16.2
122 10.3 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

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023075.D

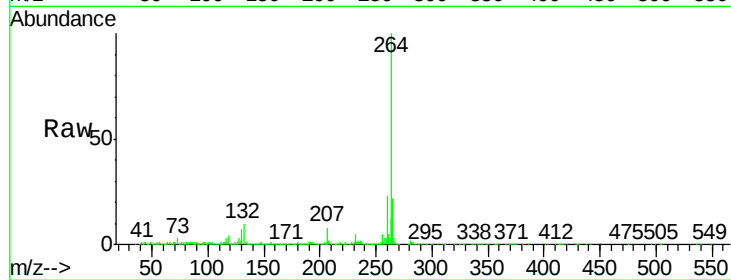
Acq: 13 Jul 2016 18:30

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)C



Tgt Ion: 264 Resp: 975018

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 22.1 18.9 28.3

