

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023029.D
 Acq On : 12 Jul 2016 9:59
 Operator : UM/SJ
 Sample : H3936-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 15:43:23 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

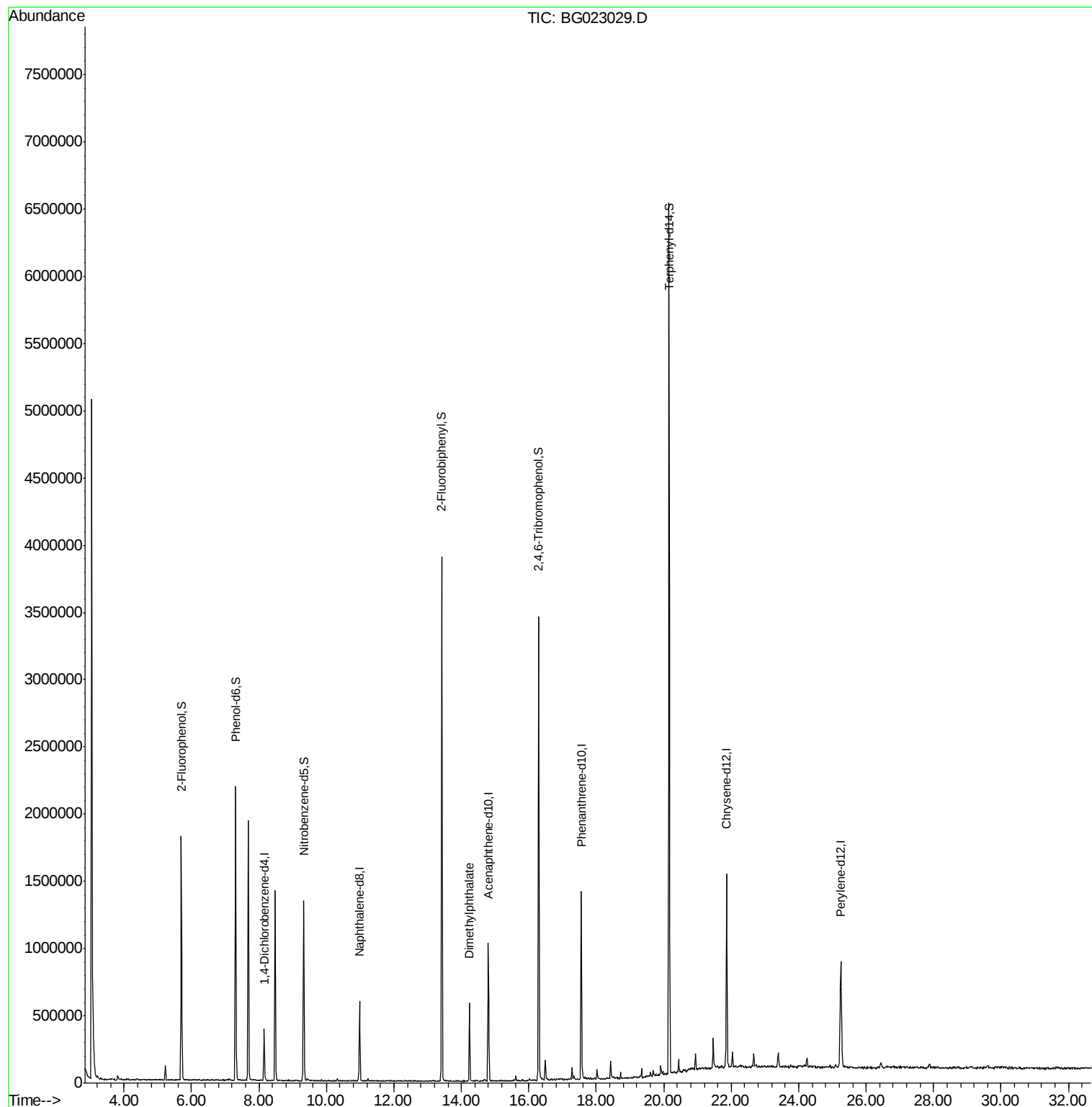
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	98661	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	463082	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	352617	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	834869	20.00	ng	0.00
75) Chrysene-d12	21.86	240	893181	20.00	ng	0.01
86) Perylene-d12	25.25	264	893252	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	745751	123.62	ng	0.00
7) Phenol-d6	7.31	99	1200301	127.04	ng	0.00
23) Nitrobenzene-d5	9.32	82	888018	82.11	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	626872	98.92	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1826368	81.58	ng	0.00
78) Terphenyl-d14	20.16	244	2518333	92.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	360127	12.50	ng	Qvalue # 95

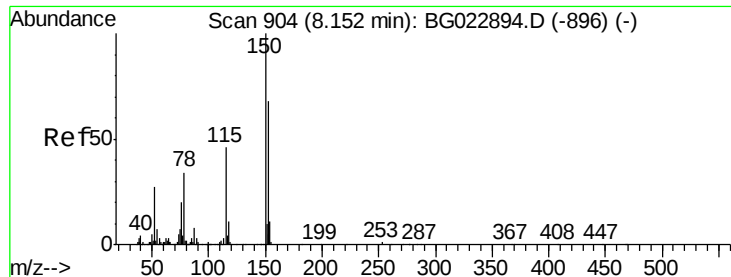
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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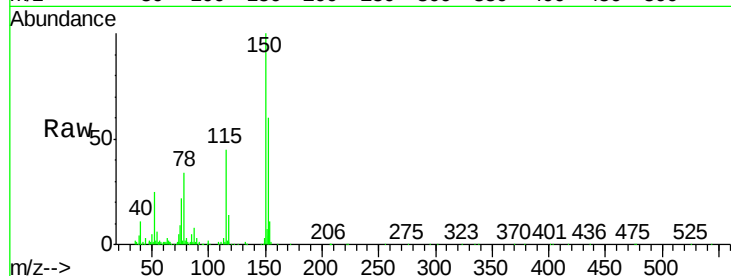


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023029.D
Acq: 12 Jul 2016 9:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	144.7	217.1
115	74.2	64.0	96.0

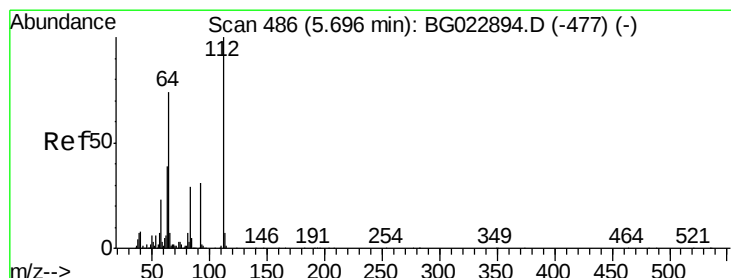
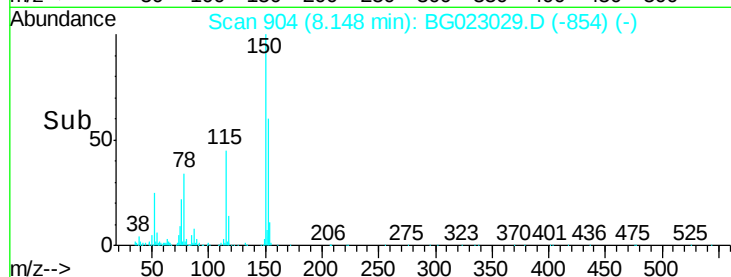
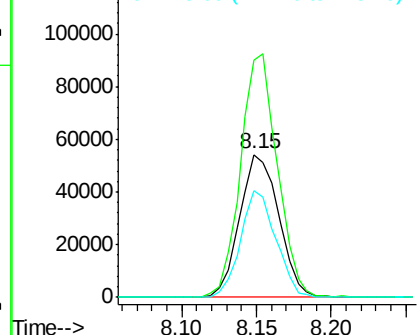


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

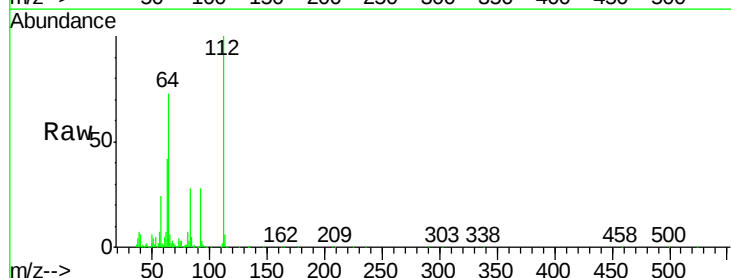
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.62 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023029.D
Acq: 12 Jul 2016 9:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	59.0	88.4
63	42.0	37.8	56.8

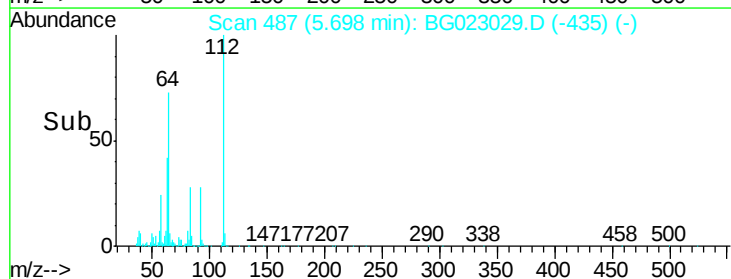
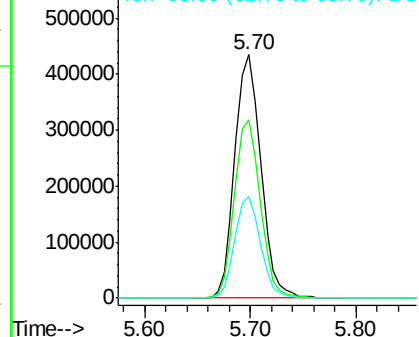


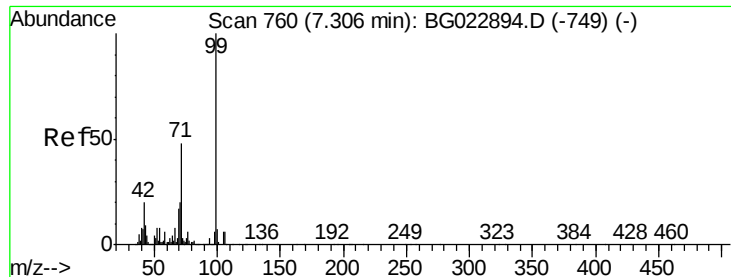
Abundance

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: 127.04 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023029.D

Acq: 12 Jul 2016 9:59

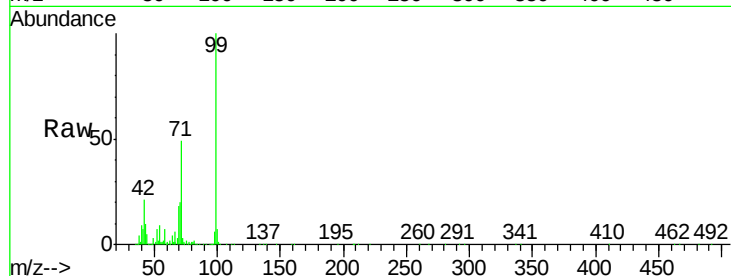
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1200301

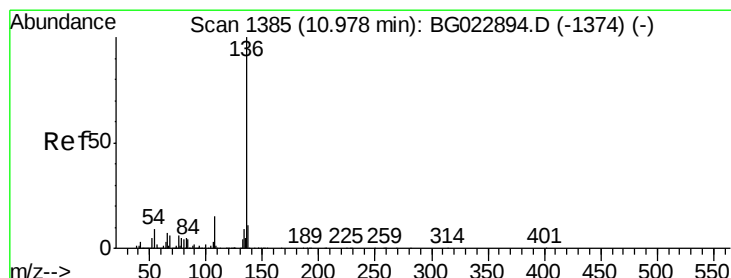
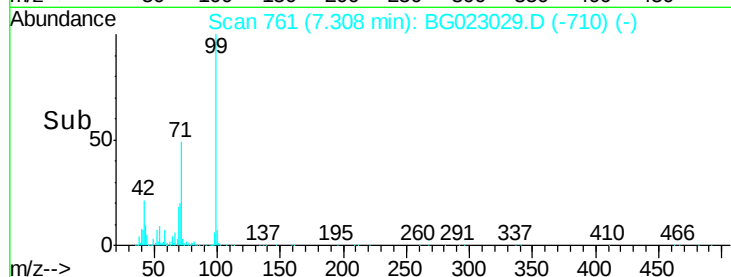
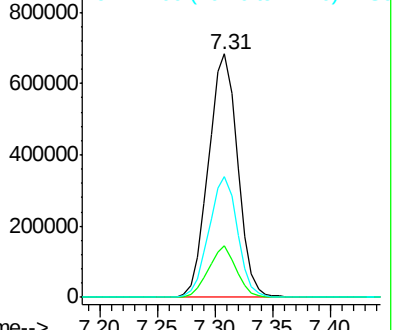
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.8	26.6
71	49.5	41.5	62.3



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: BG023029.D

Acq: 12 Jul 2016 9:59

Tgt Ion: 136 Resp: 463082

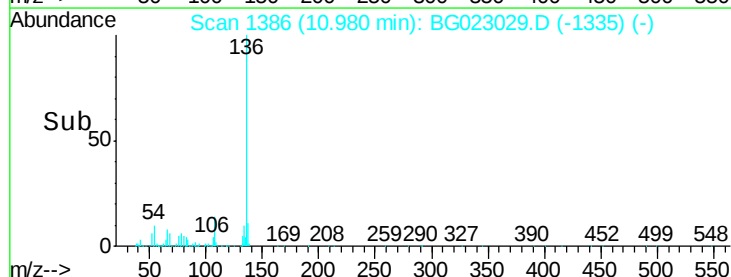
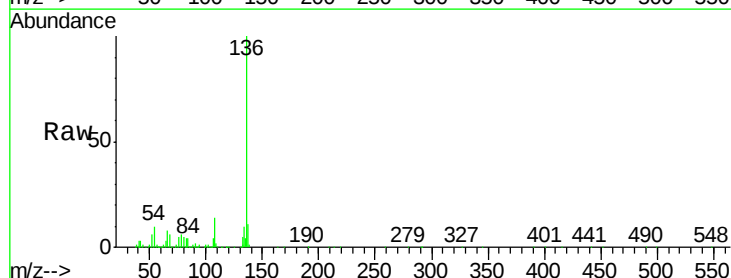
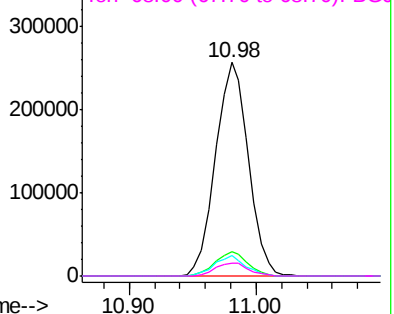
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.7	7.3	10.9
68	5.8	5.3	7.9

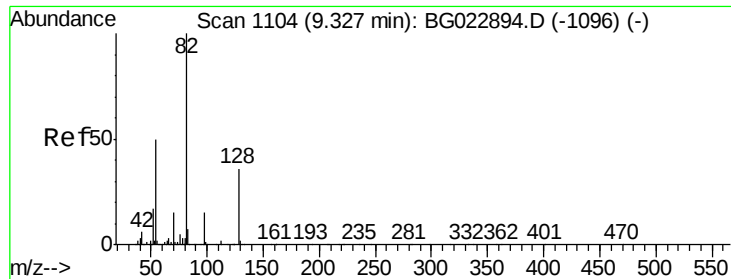
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

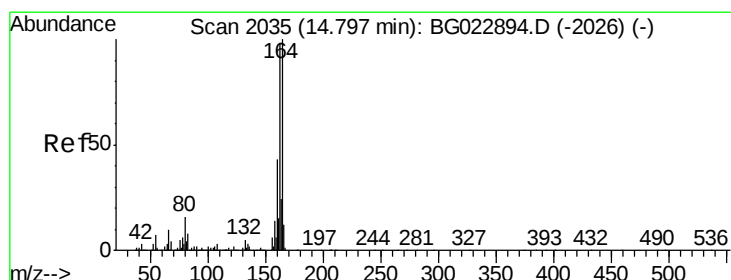
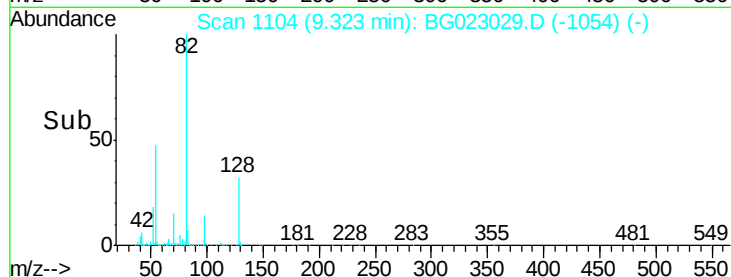
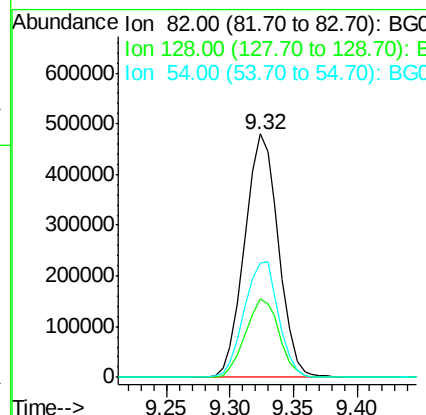
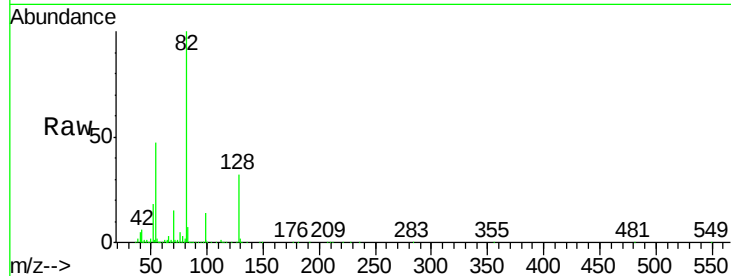




#23
 Nitrobenzene-d5
 Concen: 82.11 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023029.D
 Acq: 12 Jul 2016 9:59

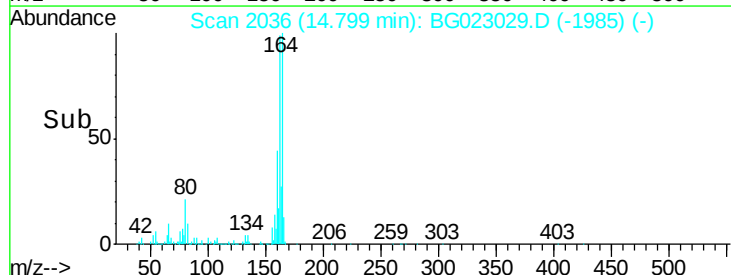
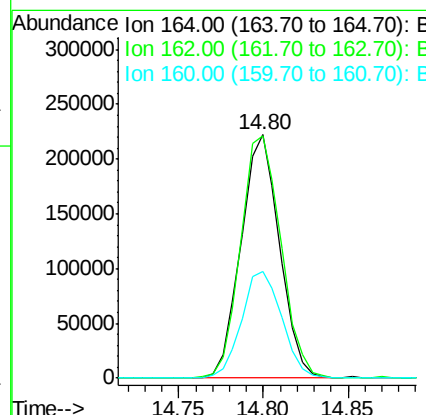
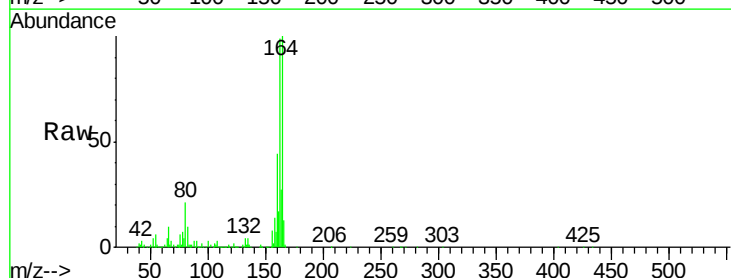
Instrument :
 BNA_G
 ClientSampleId :

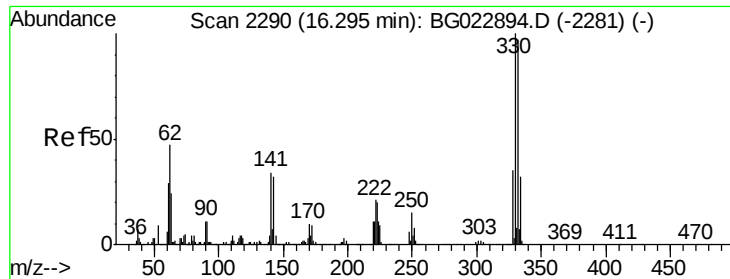
Tot Ion	82	Resp	888018
Ion Ratio	Lower	Upper	
82	100		
128	32.4	24.4	36.6
54	46.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023029.D
 Acq: 12 Jul 2016 9:59

Tgt Ion	164	Resp	352617
Ion Ratio	Lower	Upper	
164	100		
162	99.5	87.7	131.5
160	44.1	37.2	55.8

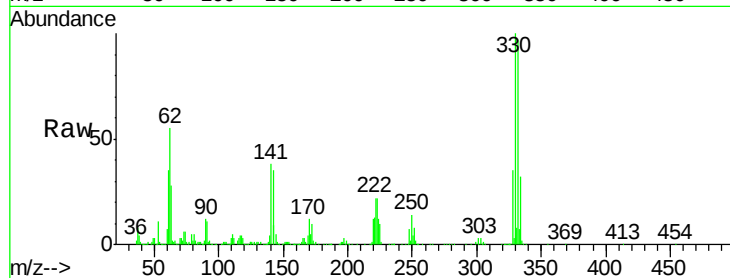




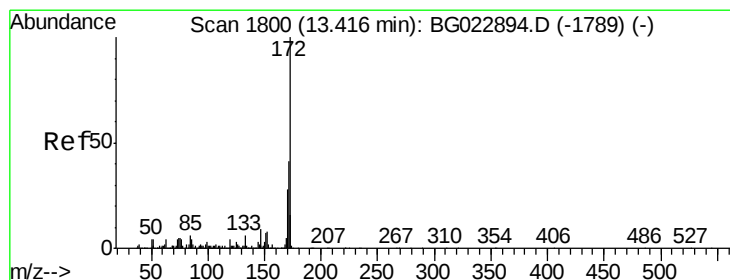
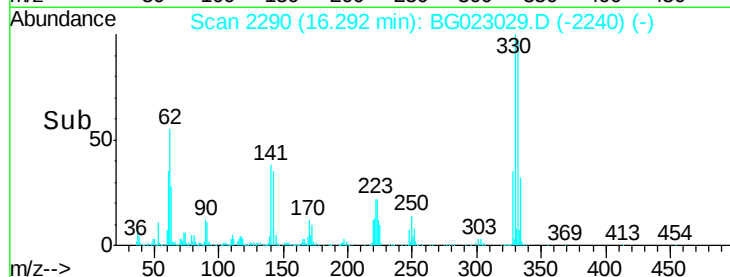
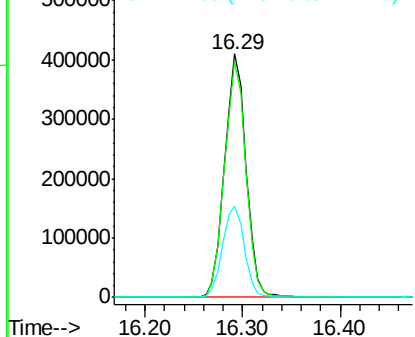
#41
 2,4,6-Tribromophenol
 Concen: 98.92 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023029.D
 Acq: 12 Jul 2016 9:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.4	31.7	47.5

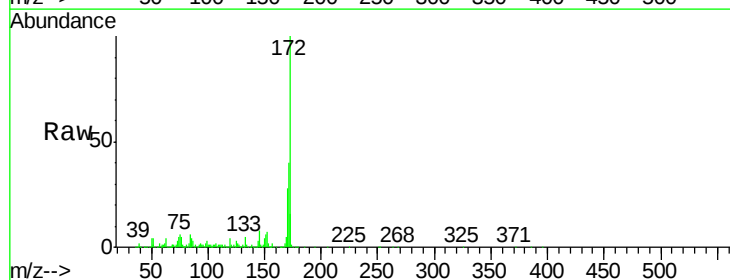


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

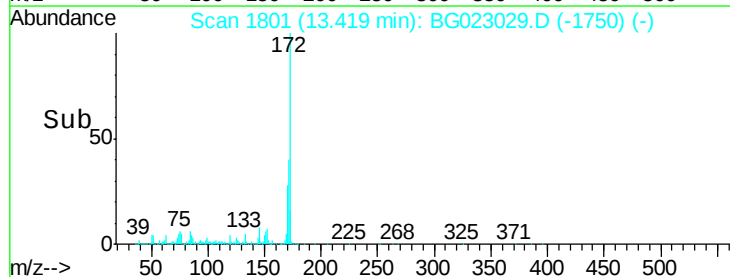
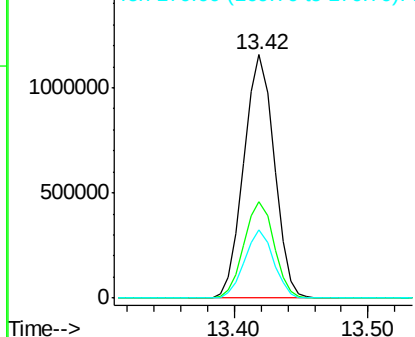


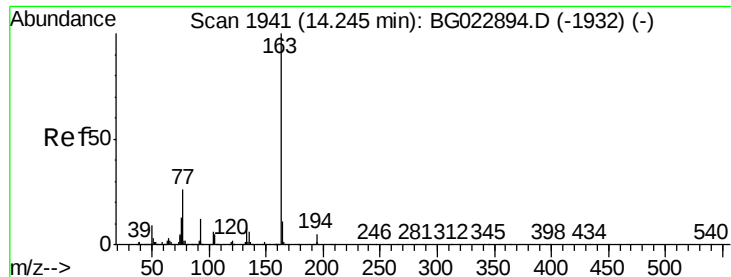
#44
 2-Fluorobiphenyl
 Concen: 81.58 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023029.D
 Acq: 12 Jul 2016 9:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.6	47.4
170	27.9	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

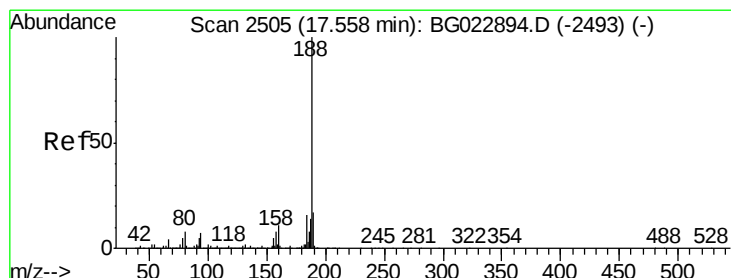
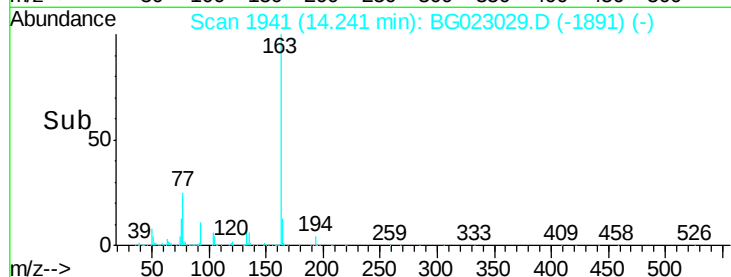
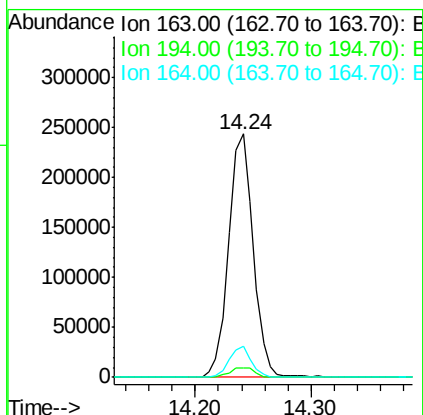
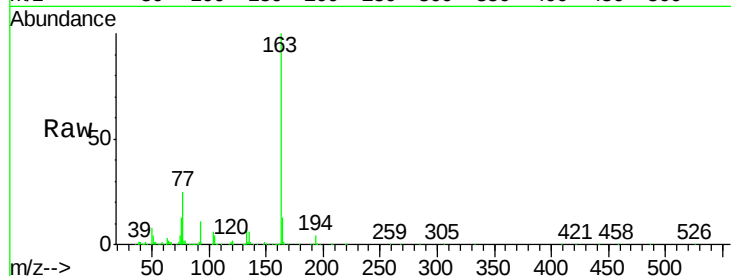




#49
Dimethylphthalate
Concen: 12.50 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023029.D
Acq: 12 Jul 2016 9:59

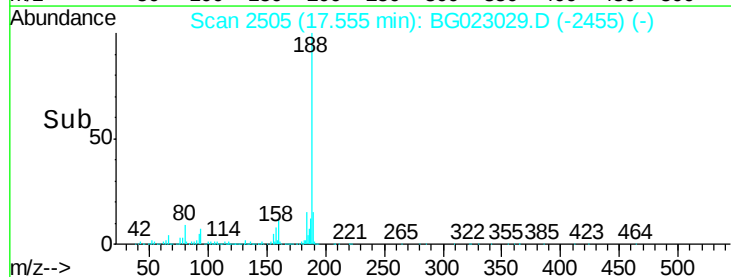
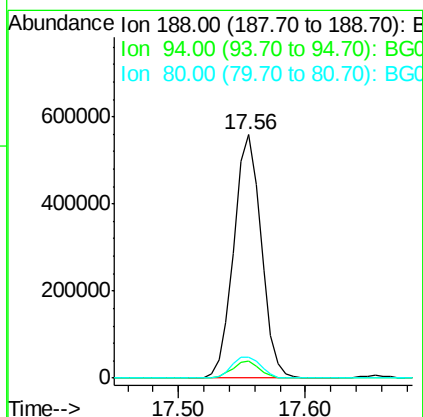
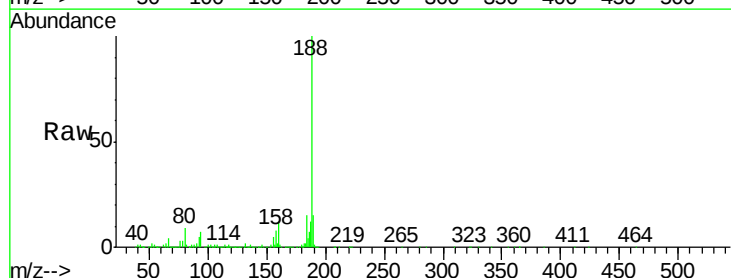
Instrument :
BNA_G
ClientSampleId :

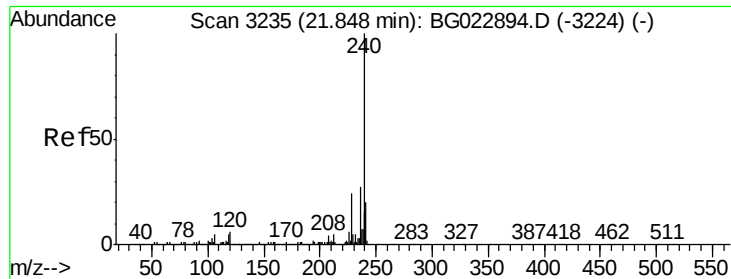
Tot Ion:163 Resp: 360127
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 12.8 8.1 12.1#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023029.D
Acq: 12 Jul 2016 9:59

Tgt Ion:188 Resp: 834869
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 8.6 7.2 10.8

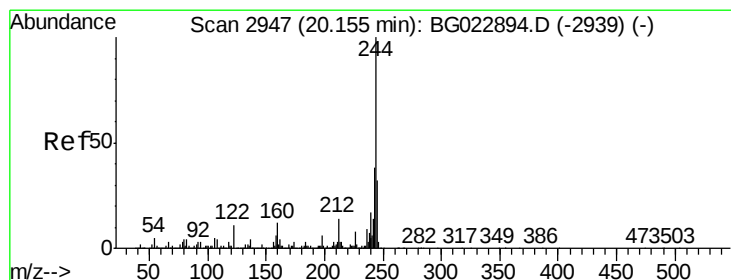
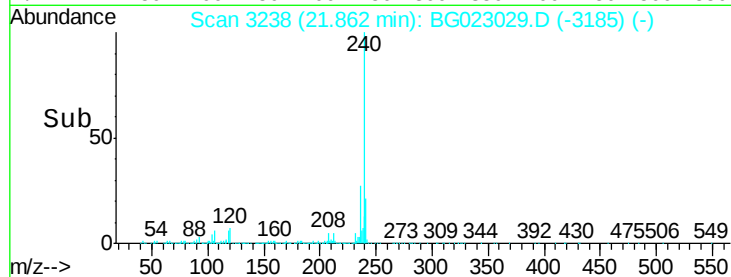
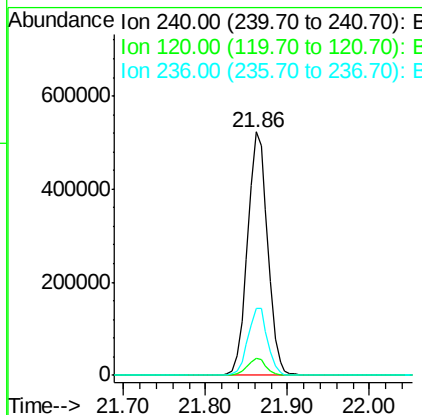
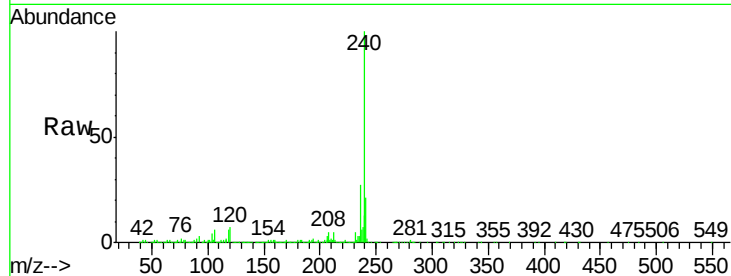




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.01 min
 Lab File: BG023029.D
 Acq: 12 Jul 2016 9:59

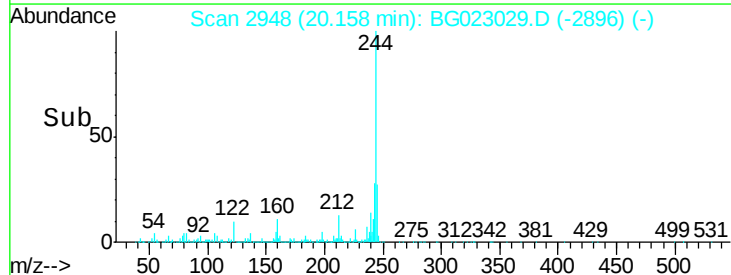
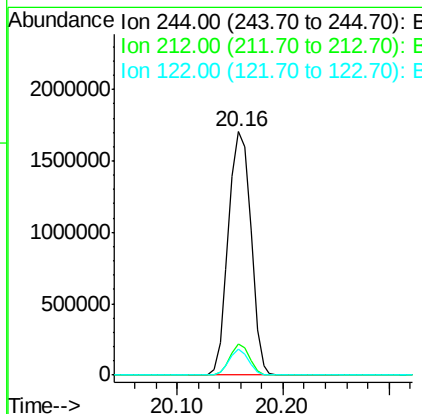
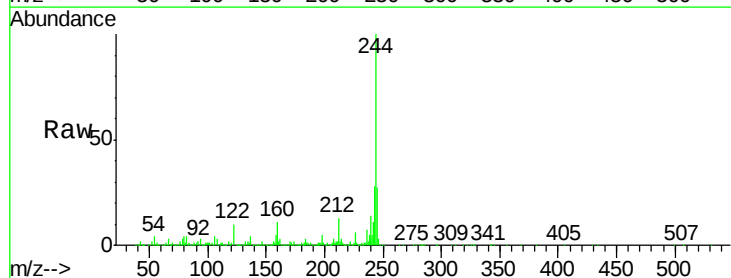
Instrument :
 BNA_G
 ClientSampleId :

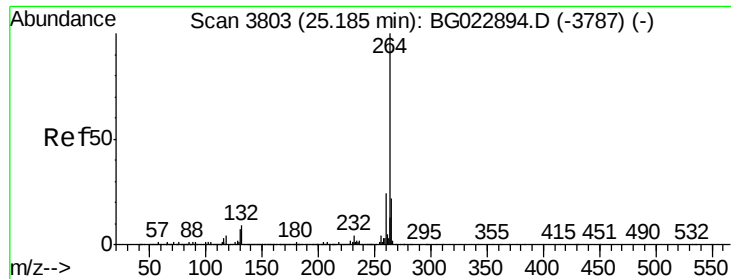
Tot Ion:240 Resp: 893181
 Ion Ratio Lower Upper
 240 100
 120 6.8 4.1 6.1#
 236 27.4 21.1 31.7



#78
 Terphenyl-d14
 Concen: 92.46 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG023029.D
 Acq: 12 Jul 2016 9:59

Tgt Ion:244 Resp: 2518333
 Ion Ratio Lower Upper
 244 100
 212 12.6 10.8 16.2
 122 10.4 8.0 12.0

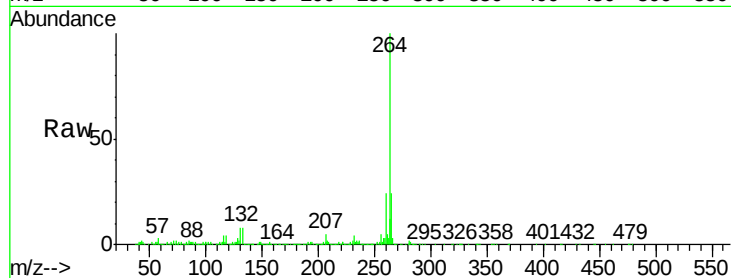




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023029.D
 Acq: 12 Jul 2016 9:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	23.9	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

