

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023115.D
 Acq On : 15 Jul 2016 16:06
 Operator : UM/SJ
 Sample : H4016-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-19

Quant Time: Jul 15 23:08:11 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

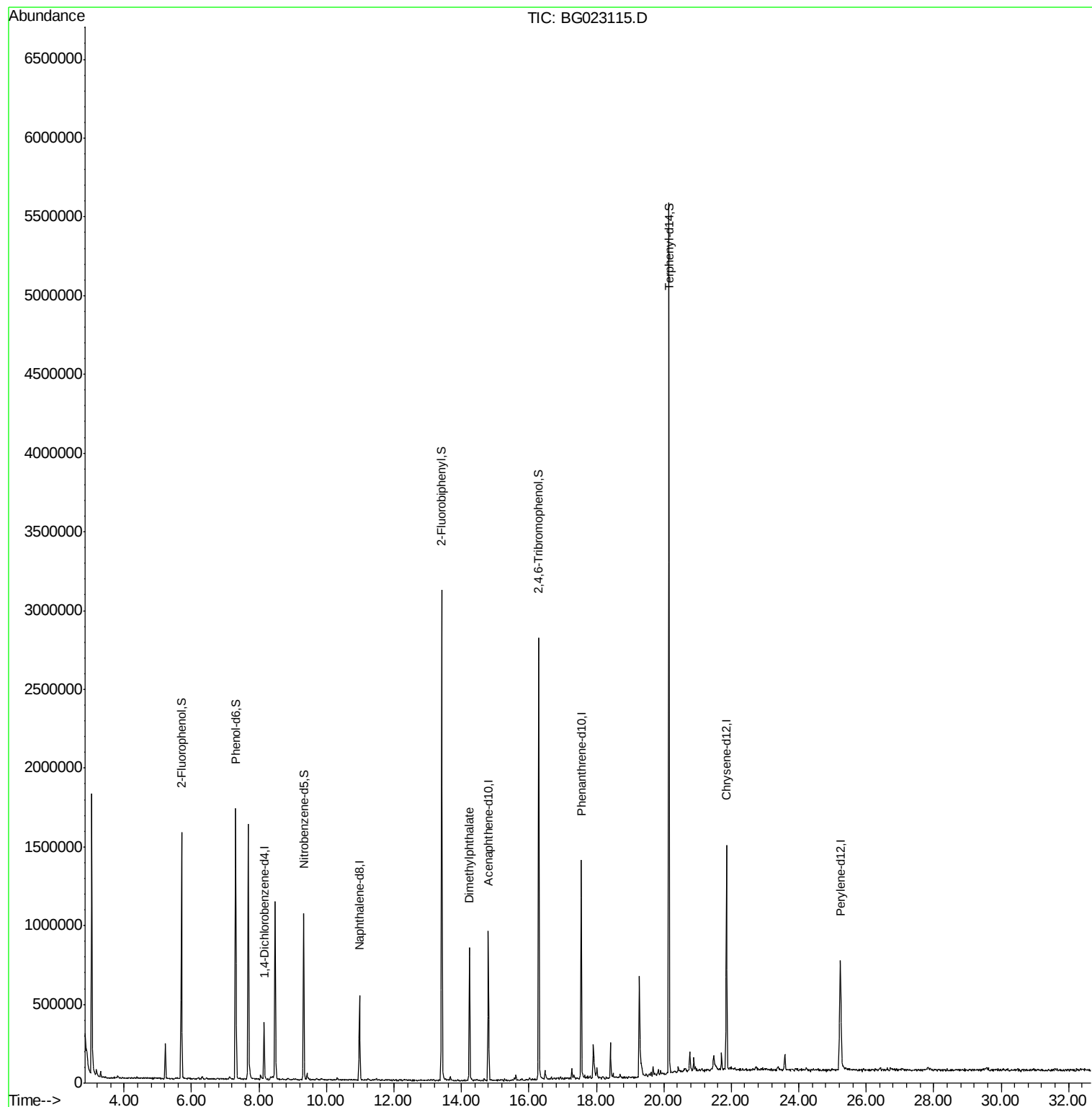
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91215	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	433950	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	336815	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	835677	20.00	ng	0.00
75) Chrysene-d12	21.86	240	897907	20.00	ng	0.01
86) Perylene-d12	25.23	264	891673	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	615135	110.30	ng	0.00
7) Phenol-d6	7.31	99	967882	110.80	ng	0.00
23) Nitrobenzene-d5	9.33	82	692594	68.34	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	505435	83.50	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1477833	69.11	ng	0.00
78) Terphenyl-d14	20.15	244	2186751	73.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	516202	18.76	ng	Qvalue 99

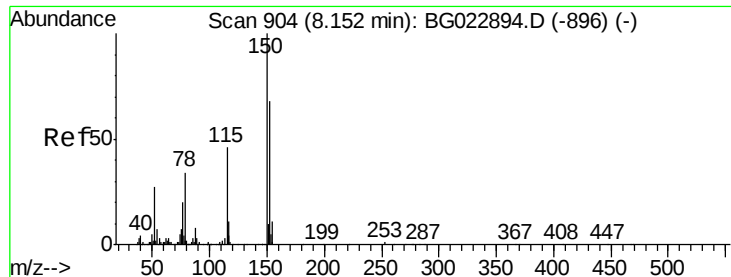
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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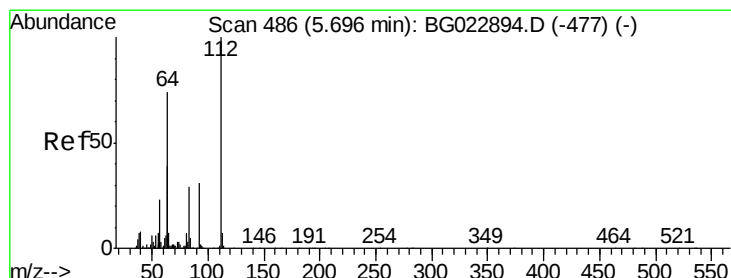
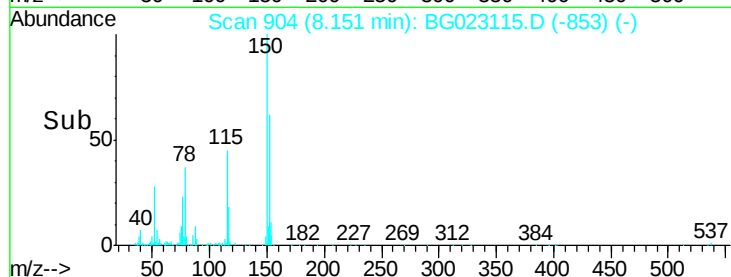
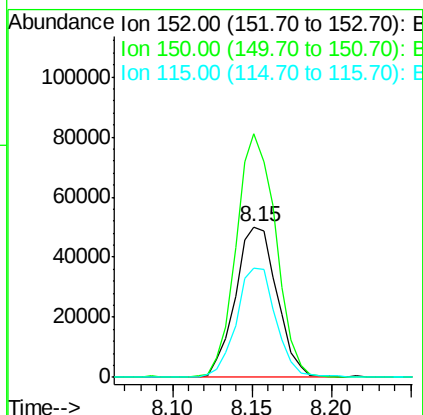
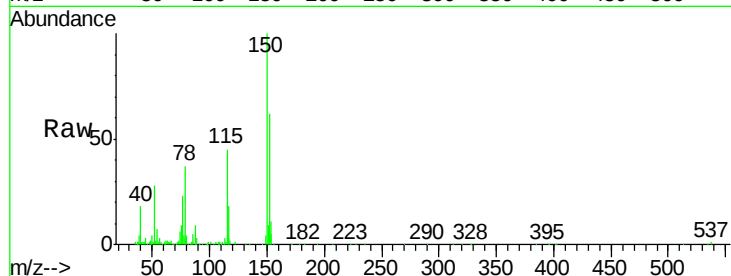


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023115.D
Acq: 15 Jul 2016 16:06

Instrument :
BNA_G
ClientSampled :
C5-19

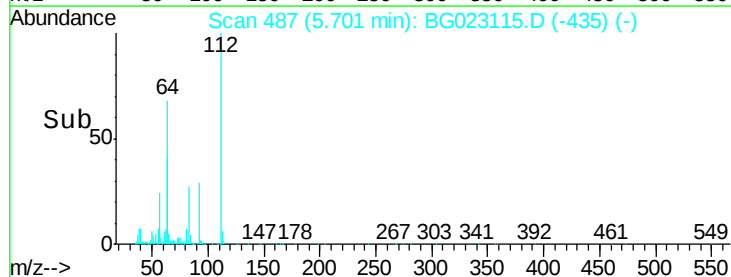
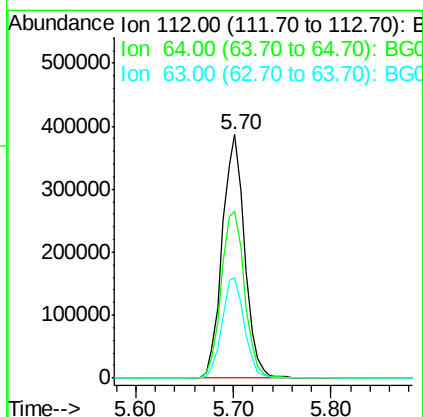
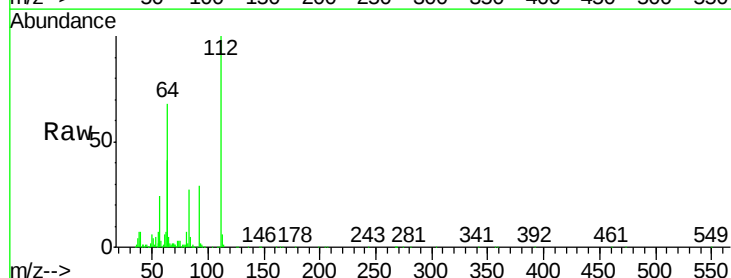
Tgt Ion:152 Resp: 91215
Ion Ratio Lower Upper
152 100
150 161.8 144.7 217.1
115 73.0 64.0 96.0

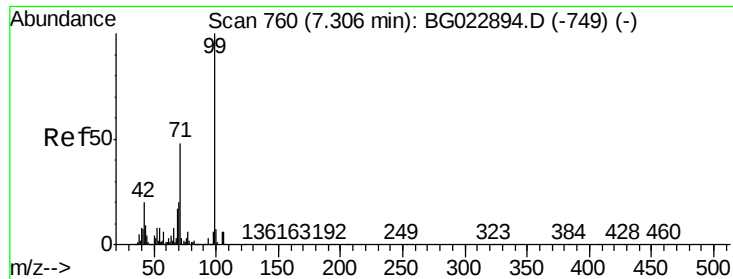


#5

2-Fluorophenol
Concen: 110.30 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG023115.D
Acq: 15 Jul 2016 16:06

Tgt Ion:112 Resp: 615135
Ion Ratio Lower Upper
112 100
64 68.4 59.0 88.4
63 41.0 37.8 56.8





#7

Phenol-d6

Concen: 110.80 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023115.D

Acq: 15 Jul 2016 16:06

Instrument :

BNA_G

ClientSampleId :

C5-19

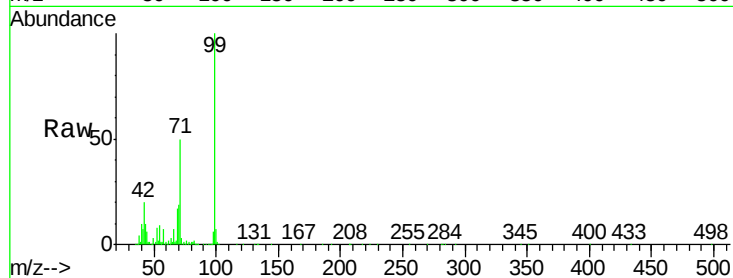
Tgt Ion: 99 Resp: 967882

Ion Ratio Lower Upper

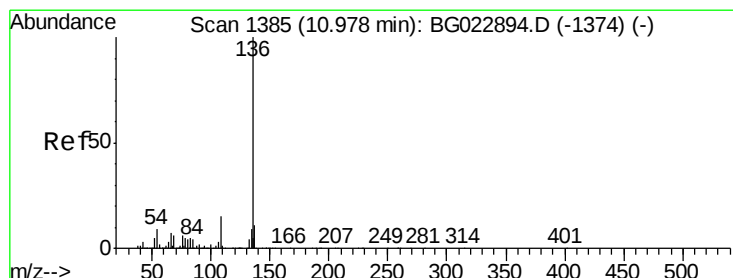
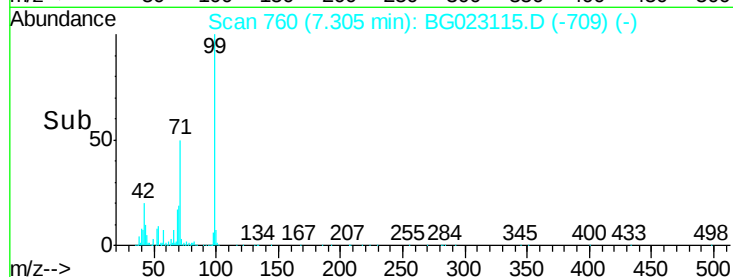
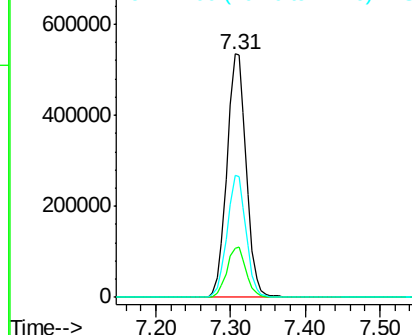
99 100

42 20.2 17.8 26.6

71 50.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023115.D

Acq: 15 Jul 2016 16:06

Tgt Ion: 136 Resp: 433950

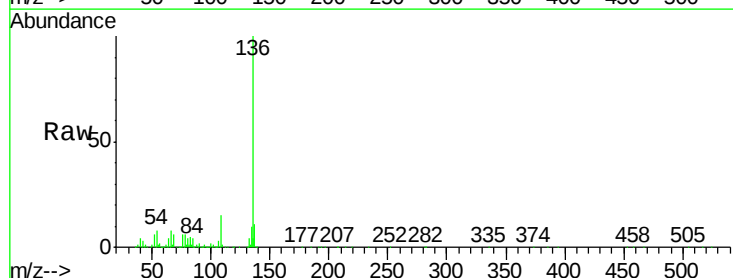
Ion Ratio Lower Upper

136 100

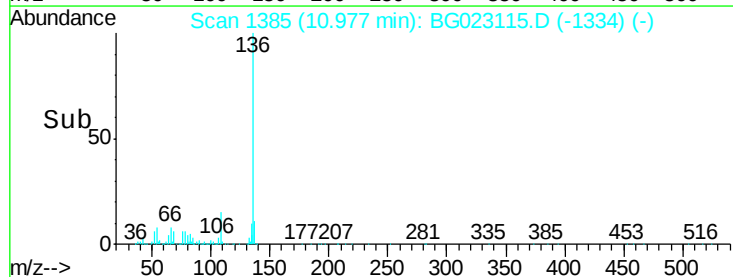
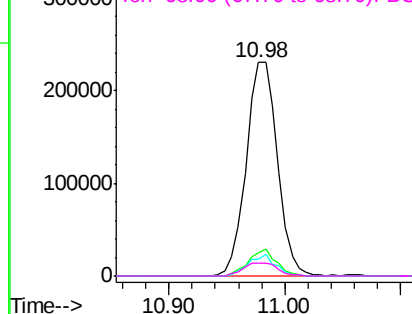
137 11.0 9.6 14.4

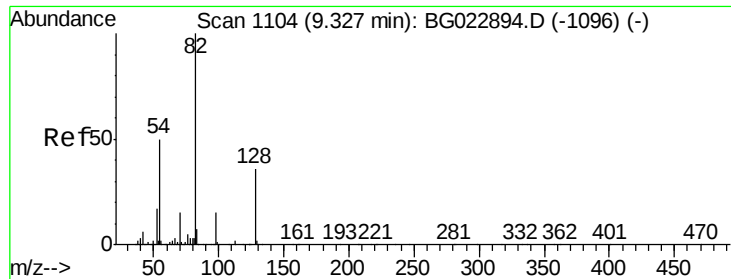
54 7.8 7.3 10.9

68 6.1 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

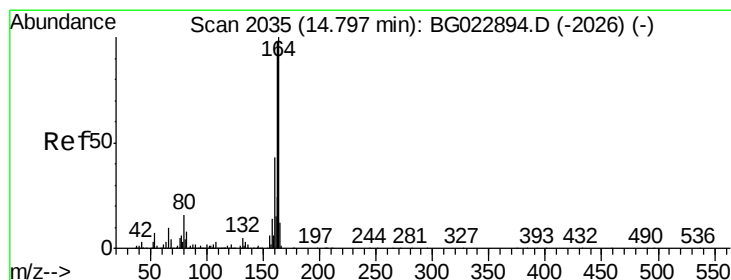
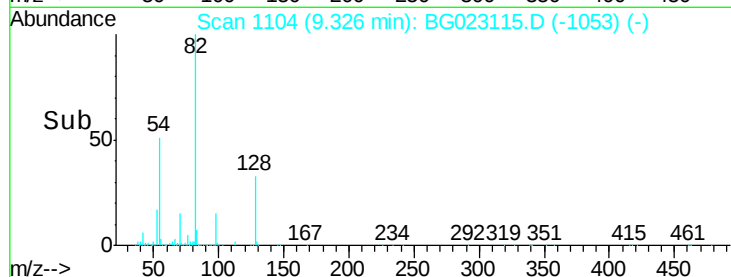
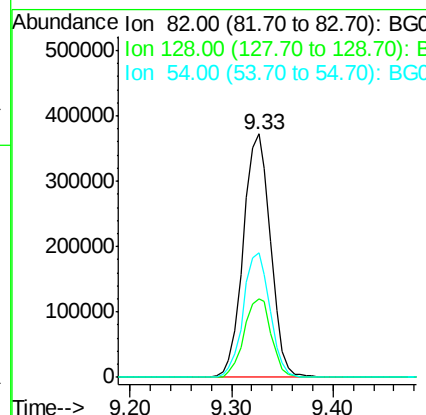
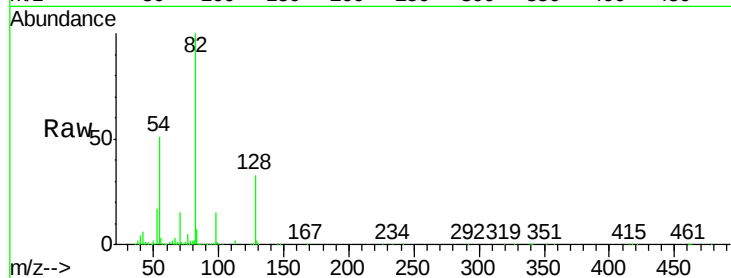




#23
 Nitrobenzene-d5
 Concen: 68.34 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023115.D
 Acq: 15 Jul 2016 16:06

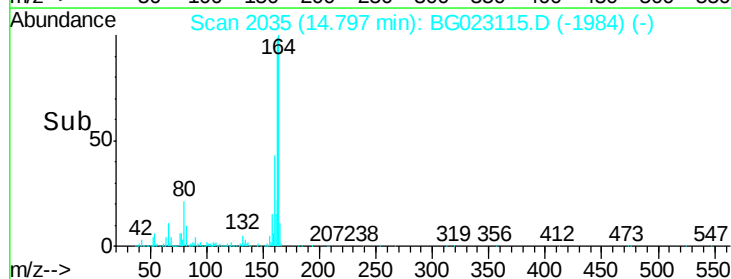
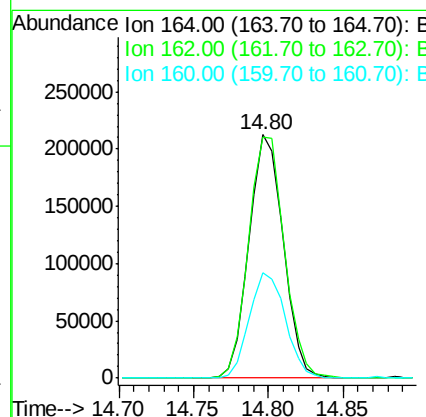
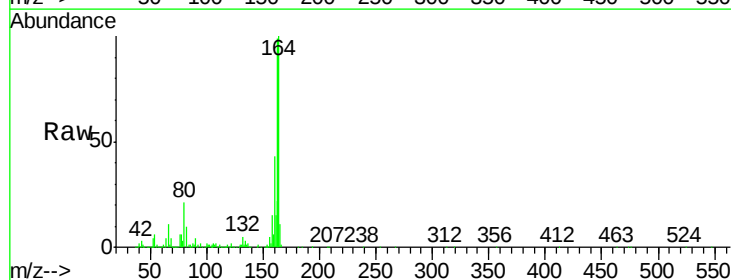
Instrument :
 BNA_G
 ClientSampleId :
 C5-19

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	51.0	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: BG023115.D
 Acq: 15 Jul 2016 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	87.7	131.5
160	43.4	37.2	55.8

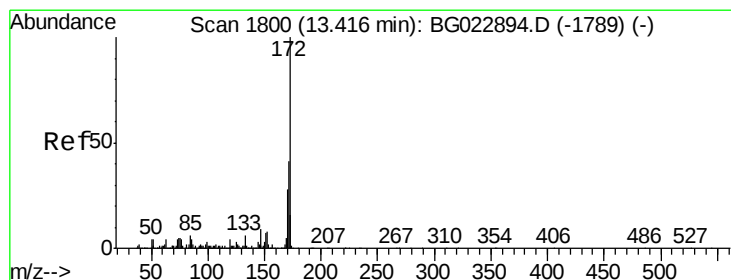
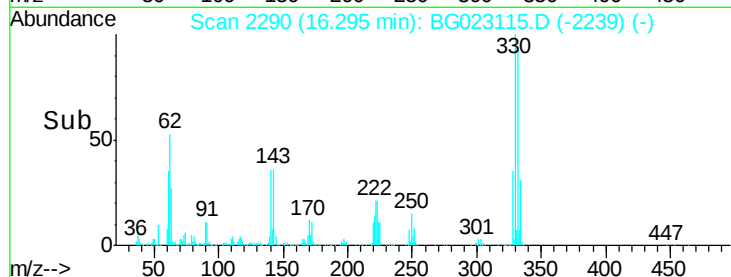
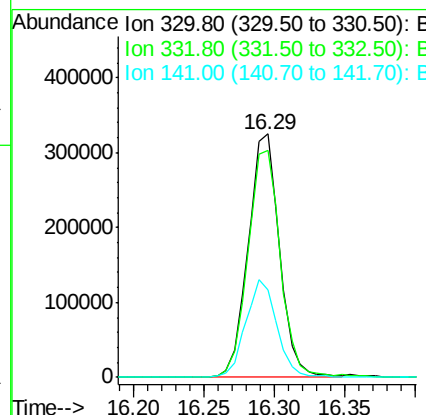
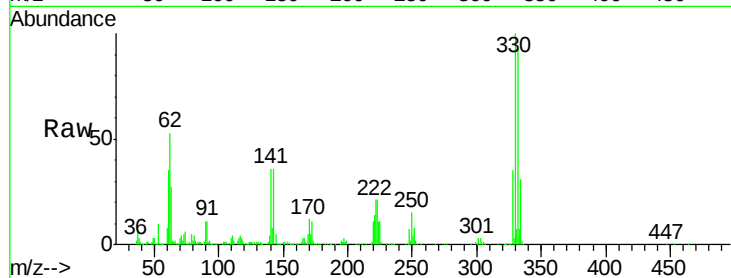




#41
 2,4,6-Tribromophenol
 Concen: 83.50 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023115.D
 Acq: 15 Jul 2016 16:06

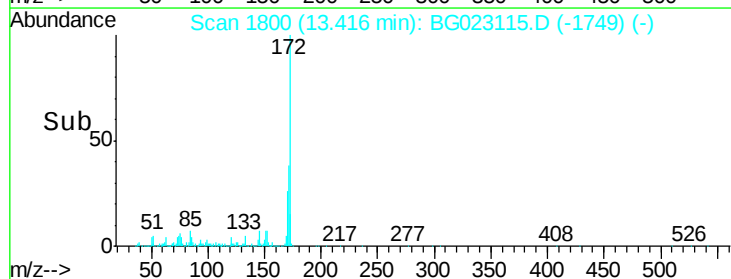
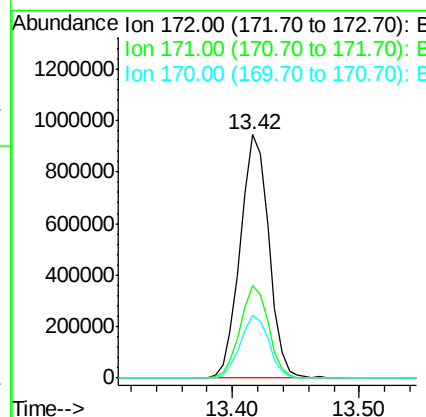
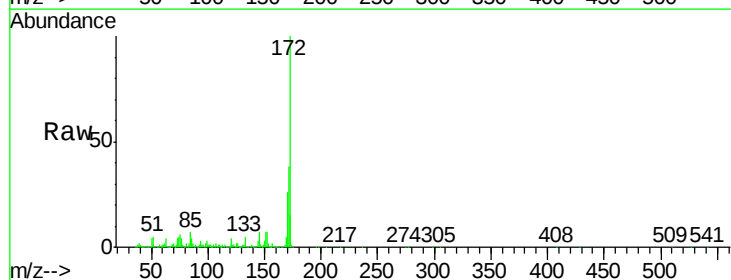
Instrument :
 BNA_G
 ClientSampleId :
 C5-19

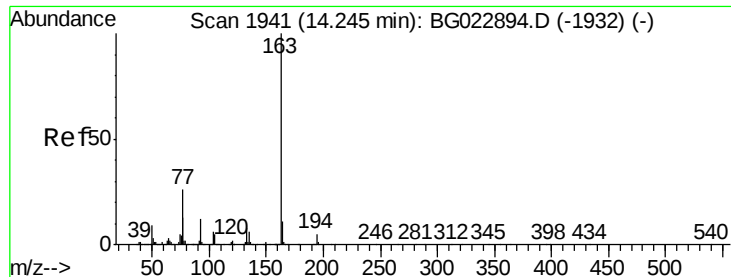
Tgt Ion:330 Resp: 505435
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 39.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 69.11 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023115.D
 Acq: 15 Jul 2016 16:06

Tgt Ion:172 Resp: 1477833
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.6 47.4
 170 25.8 21.3 31.9

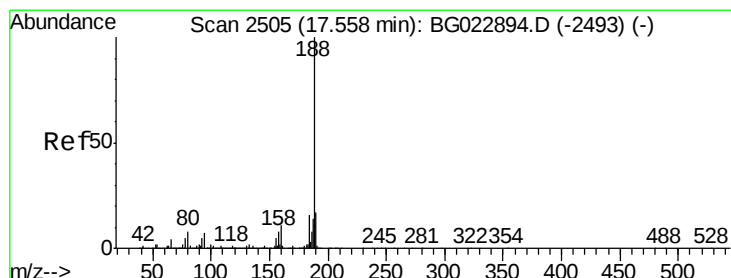
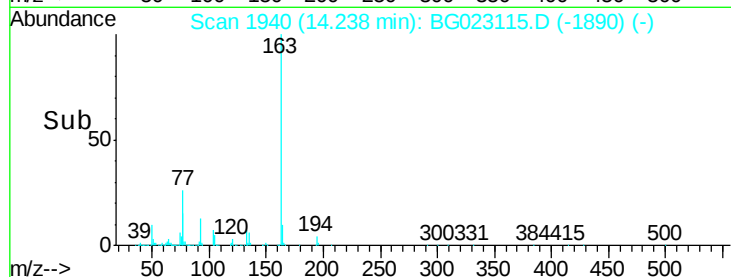
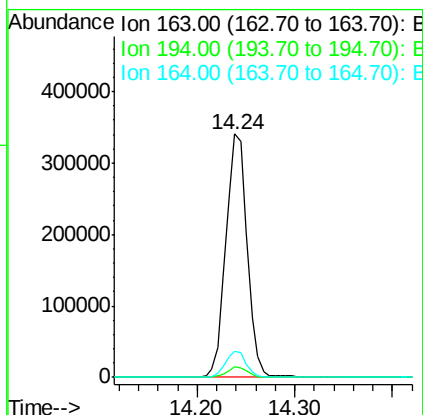
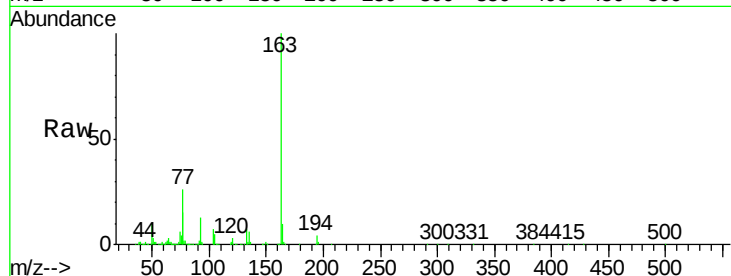




#49
Dimethylphthalate
Concen: 18.76 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023115.D
Acq: 15 Jul 2016 16:06

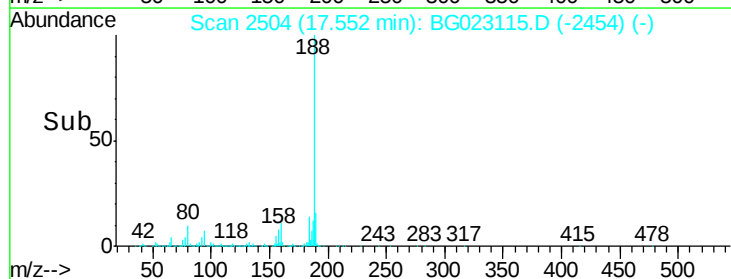
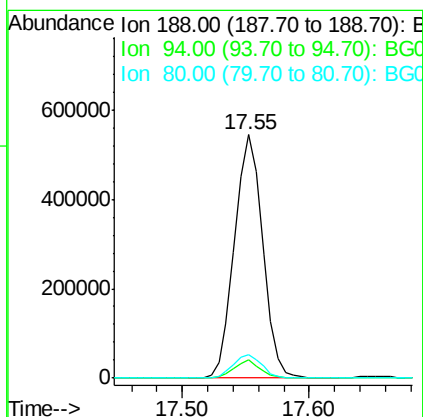
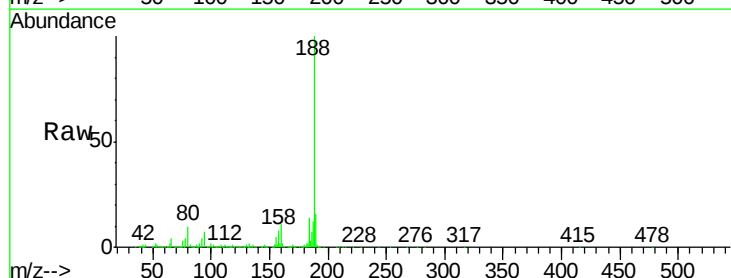
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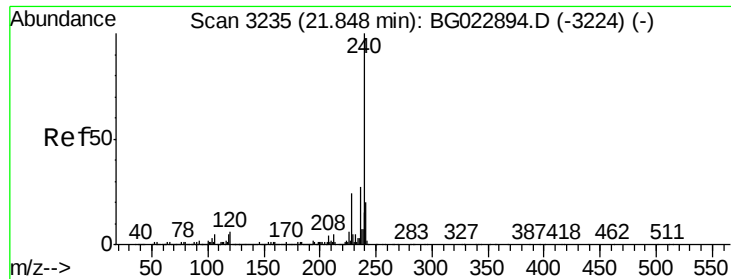
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.5	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023115.D
Acq: 15 Jul 2016 16:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.2	7.8
80	9.7	7.2	10.8

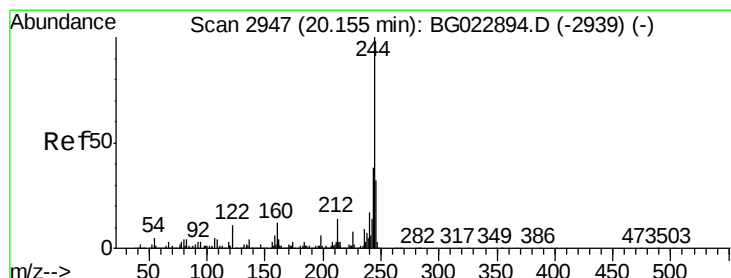
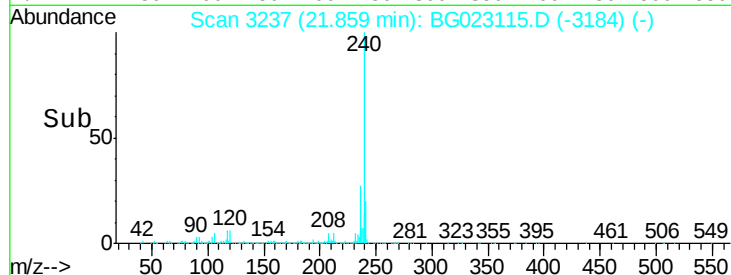
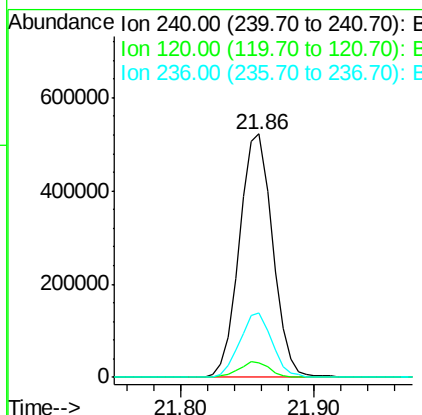
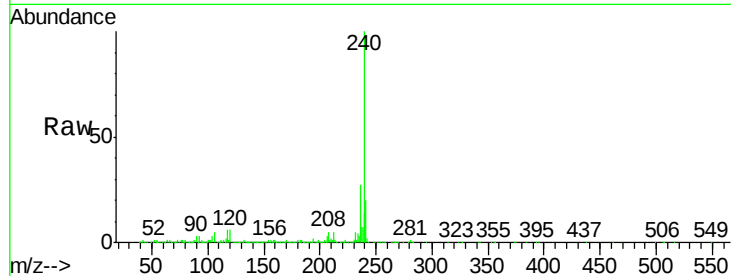




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG023115.D
Acq: 15 Jul 2016 16:06

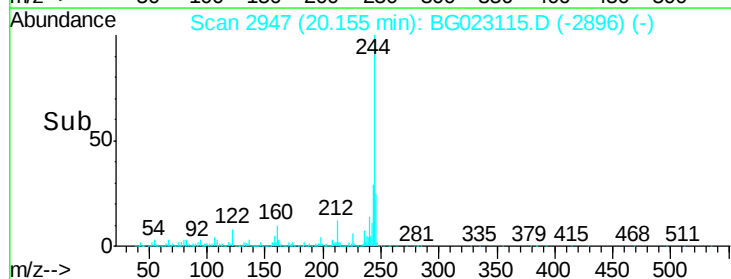
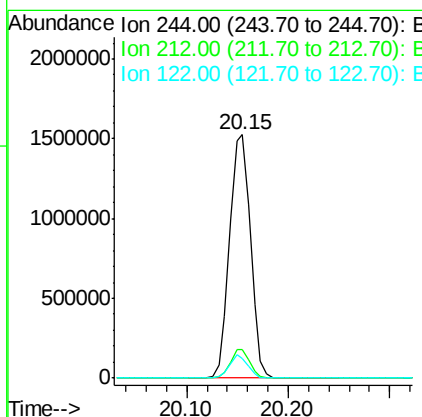
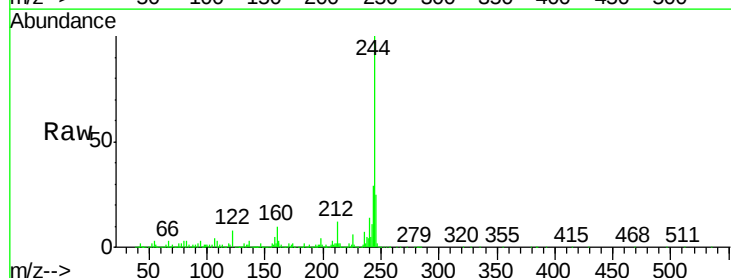
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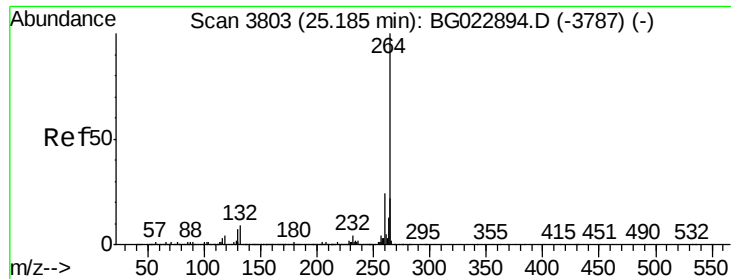
Tgt Ion:240 Resp: 897907
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 26.6 21.1 31.7



#78
Terphenyl-d14
Concen: 73.27 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023115.D
Acq: 15 Jul 2016 16:06

Tgt Ion:244 Resp: 2186751
Ion Ratio Lower Upper
244 100
212 11.9 10.8 16.2
122 8.2 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. 0.05 min
Lab File: BG023115.D
Acq: 15 Jul 2016 16:06

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	22.4	18.9	28.3

