

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
 Data File : BG024156.D
 Acq On : 28 Sep 2016 22:04
 Operator : UM/SJ
 Sample : H5002-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-1

Quant Time: Sep 29 01:22:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

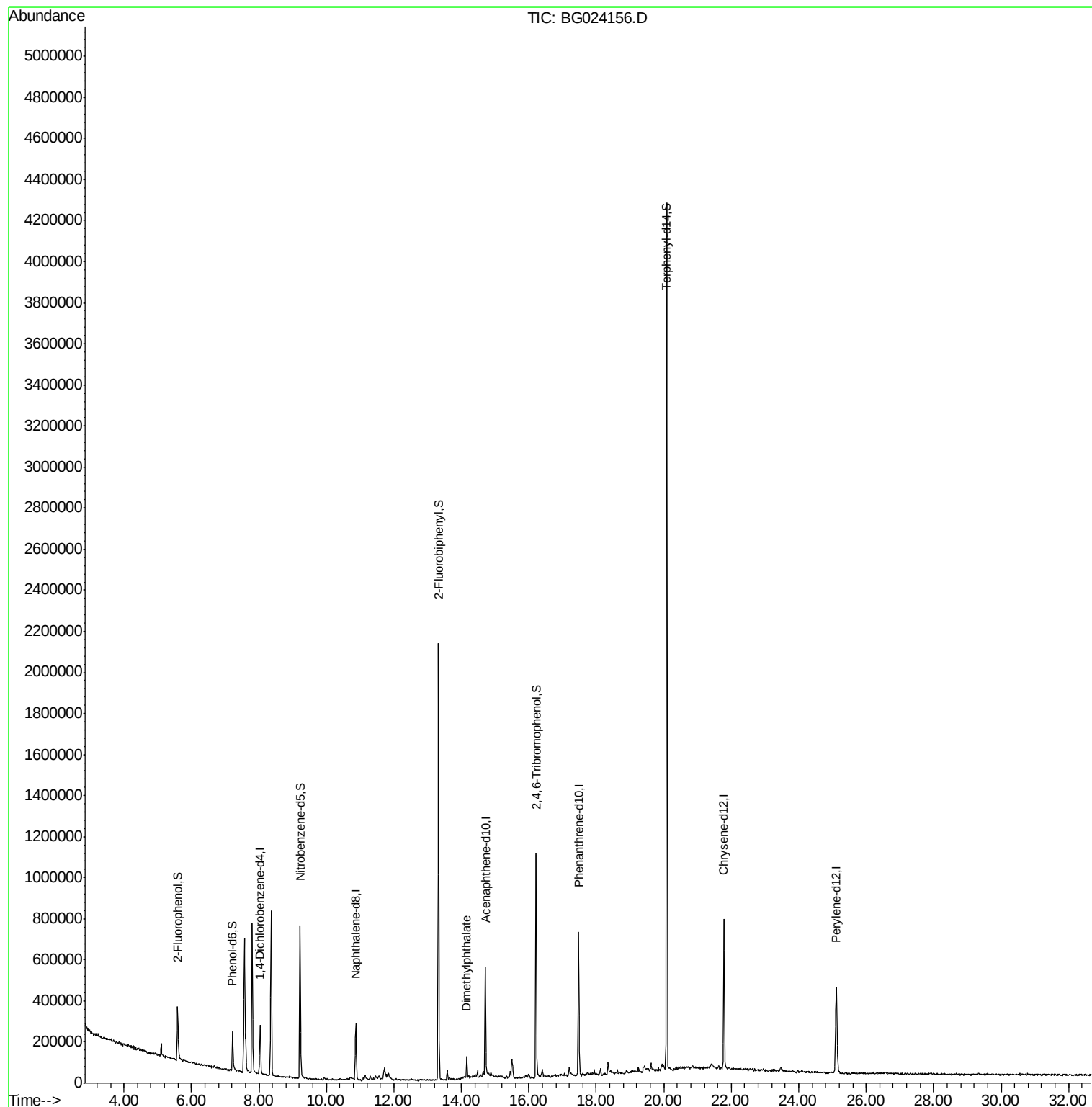
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48413	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	232137	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	183005	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	411284	20.00	ng	0.00
75) Chrysene-d12	21.79	240	471229	20.00	ng	0.00
86) Perylene-d12	25.11	264	474742	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	117652	42.10	ng	0.00
7) Phenol-d6	7.22	99	120973	25.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	513551	87.19	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	188648	71.72	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1027585	94.39	ng	0.00
78) Terphenyl-d14	20.09	244	1578142	68.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.16	163	66669	4.75	ng	Qvalue # 94

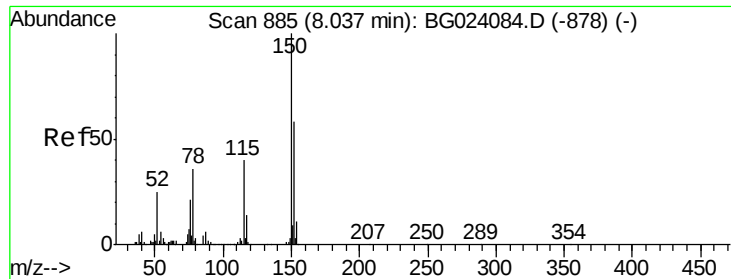
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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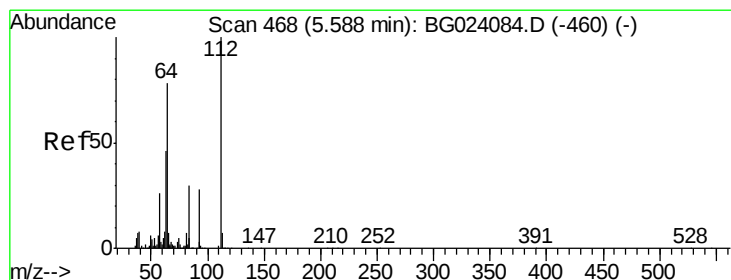
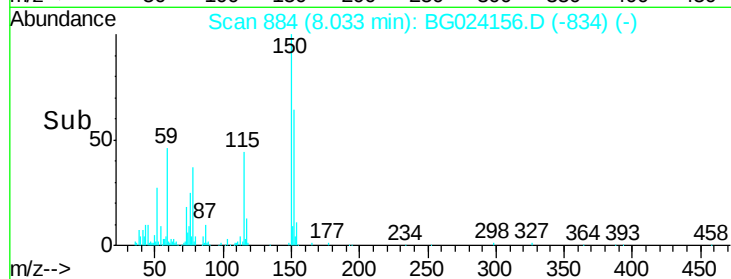
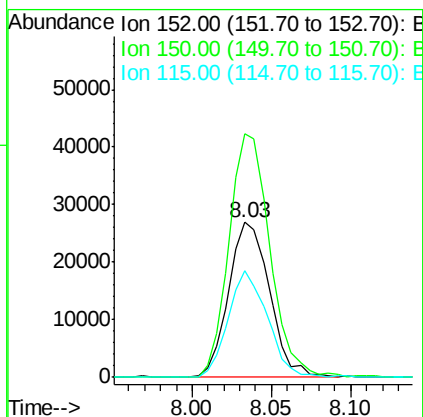
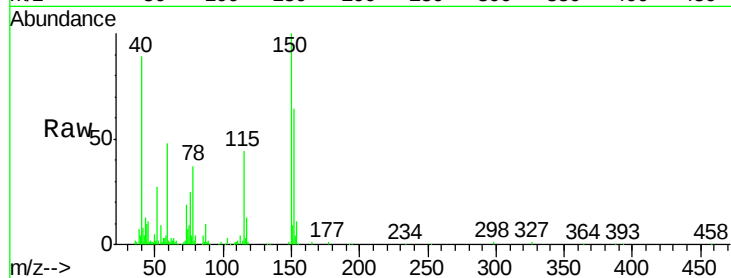


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

Instrument :
BNA_G
ClientSampleId :
SS-1

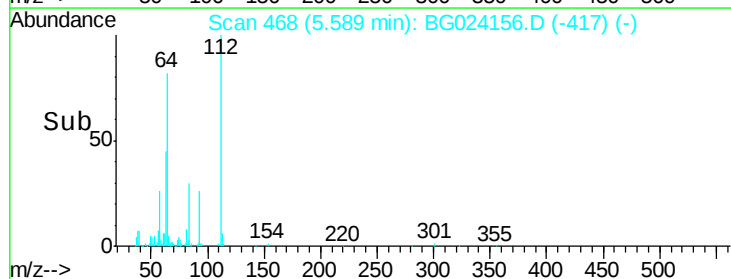
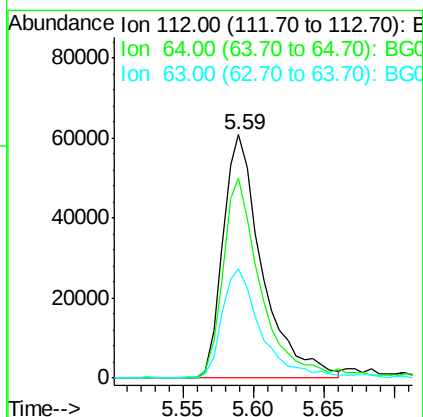
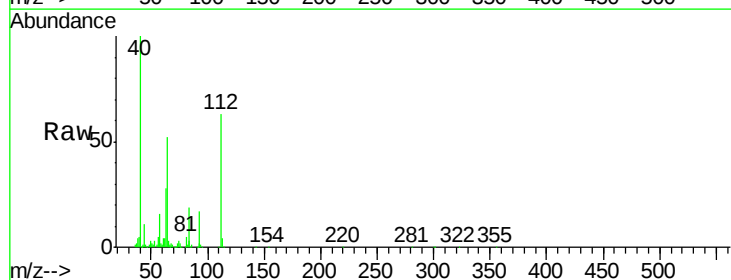
Tot Ion:152 Resp: 48413
Ion Ratio Lower Upper
152 100
150 157.1 144.7 217.1
115 69.0 64.0 96.0

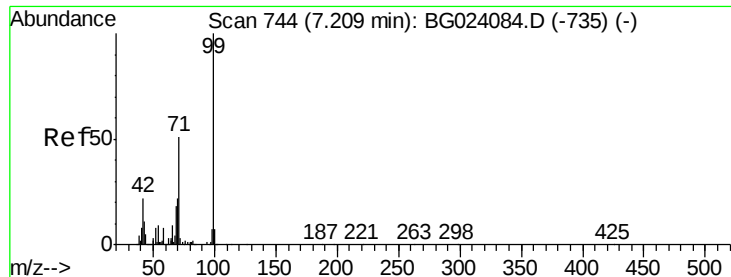


#5

2-Fluorophenol
Concen: 42.10 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

Tgt Ion:112 Resp: 117652
Ion Ratio Lower Upper
112 100
64 82.4 59.0 88.4
63 44.7 37.8 56.8





#7

Phenol-d6

Concen: 25.73 ng

RT: 7.22 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

Instrument :

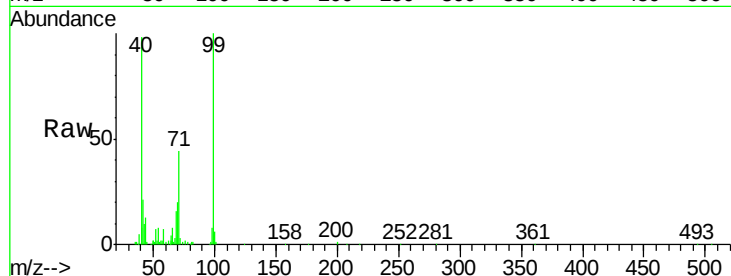
BNA_G

ClientSampleId :

SS-1

Tot Ion: 99 Resp: 120973

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	43.7	41.5	62.3

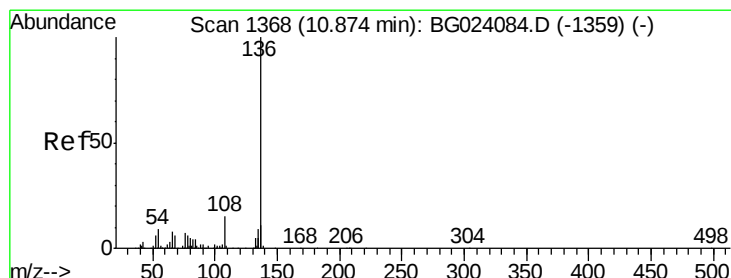
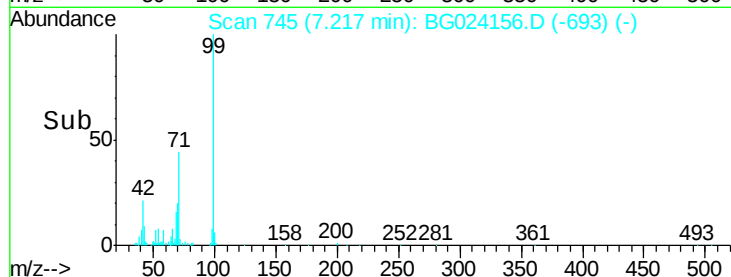
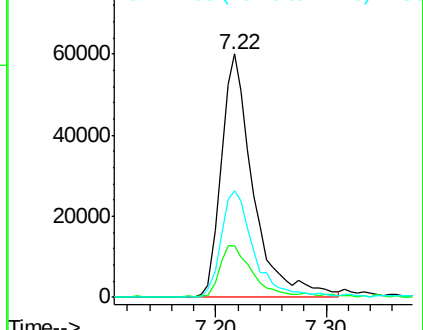


Abundance

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: 10.87 min Scan# 1367

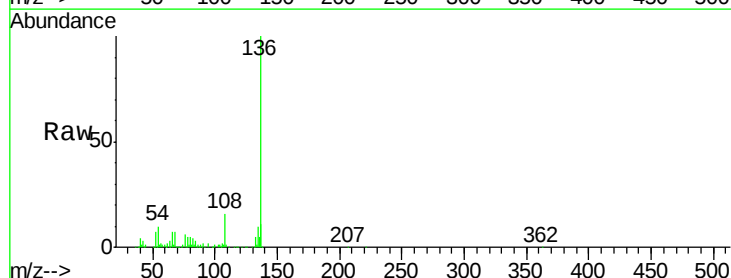
Delta R.T. -0.00 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

Tgt Ion: 136 Resp: 232137

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.9	7.3	10.9
68	7.1	5.3	7.9



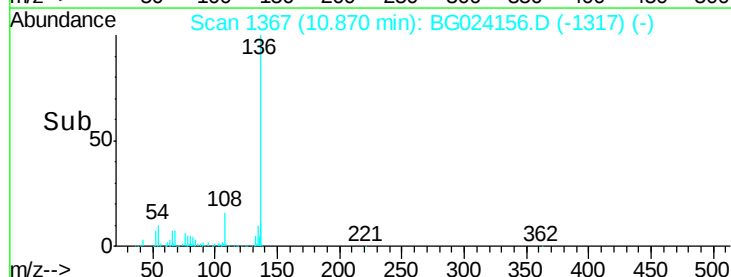
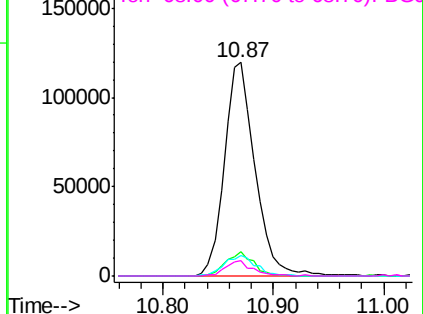
Abundance

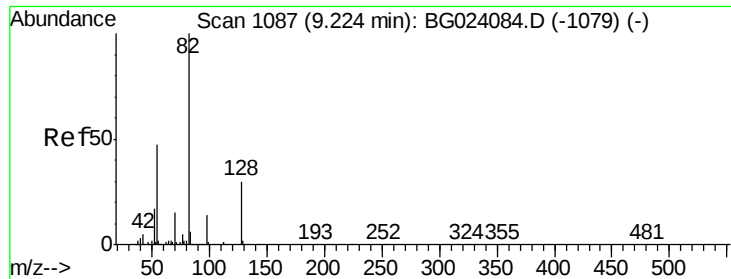
Ion 136.00 (135.70 to 136.70): BGC

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

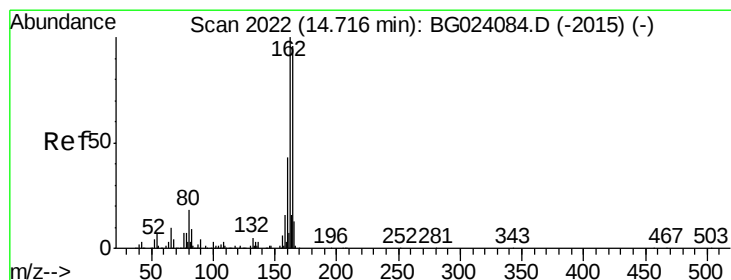
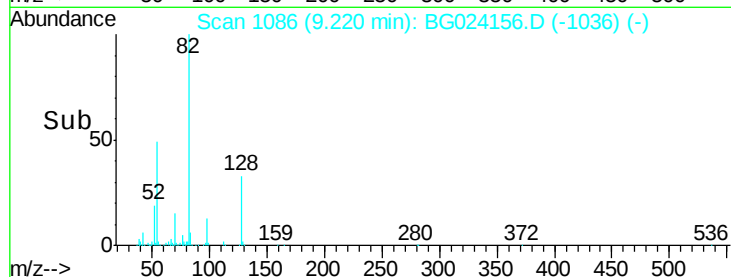
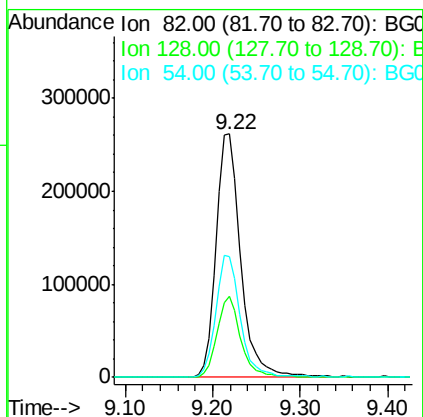
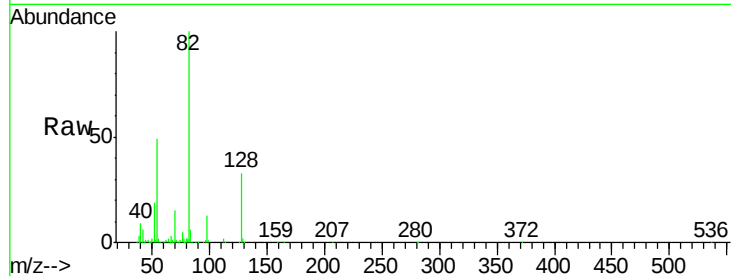




#23
Nitrobenzene-d5
Concen: 87.19 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

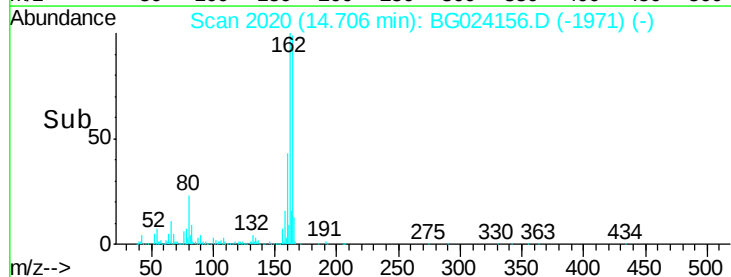
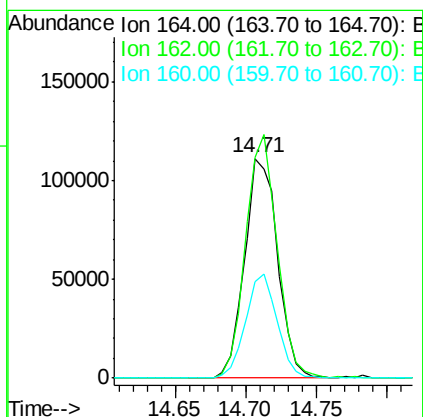
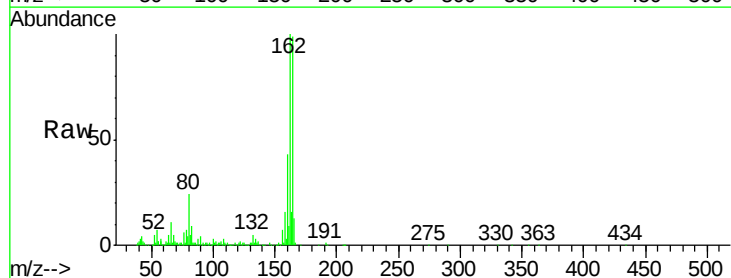
Instrument :
BNA_G
ClientSampleId :
SS-1

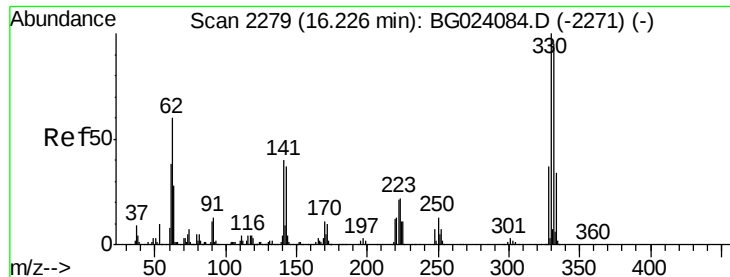
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.4	36.6
54	49.4	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	87.7	131.5
160	43.6	37.2	55.8

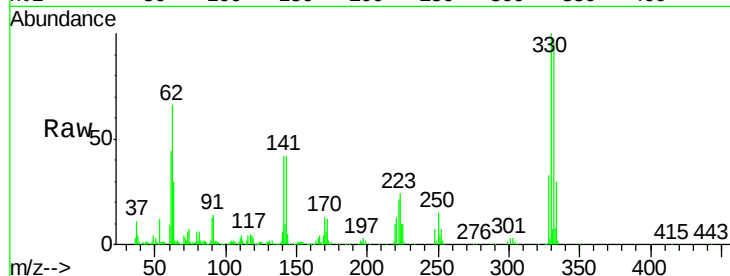




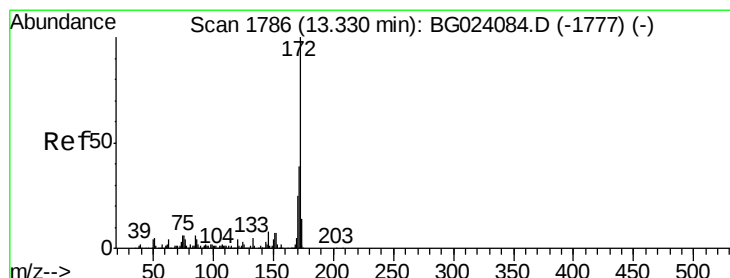
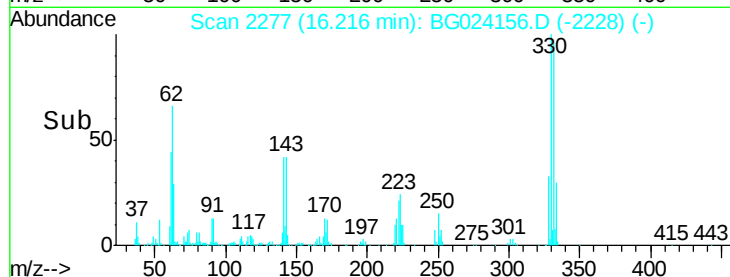
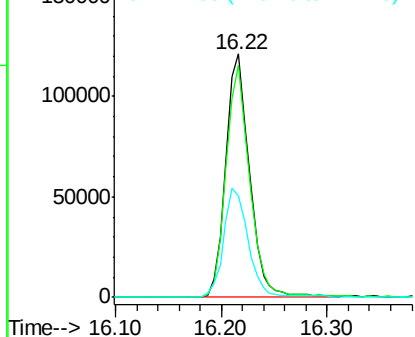
#41
 2,4,6-Tribromophenol
 Concen: 71.72 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024156.D
 Acq: 28 Sep 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 SS-1

Tot Ion:330 Resp: 188648
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 46.8 31.7 47.5

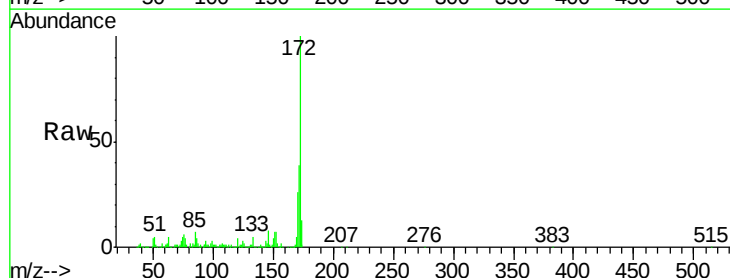


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

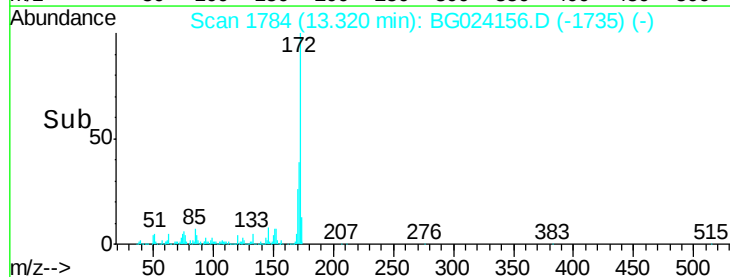
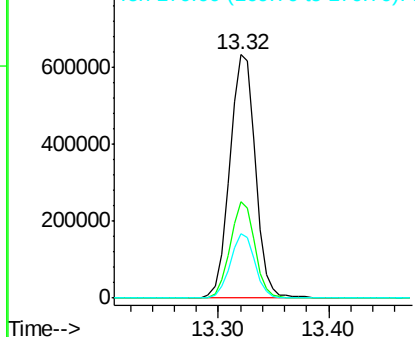


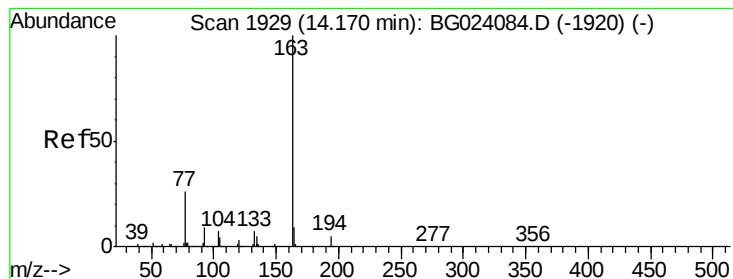
#44
 2-Fluorobiphenyl
 Concen: 94.39 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG024156.D
 Acq: 28 Sep 2016 22:04

Tgt Ion:172 Resp: 1027585
 Ion Ratio Lower Upper
 172 100
 171 39.4 31.6 47.4
 170 26.2 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: 4.75 ng

RT: 14.16 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

Instrument :

BNA_G

ClientSampled :

SS-1

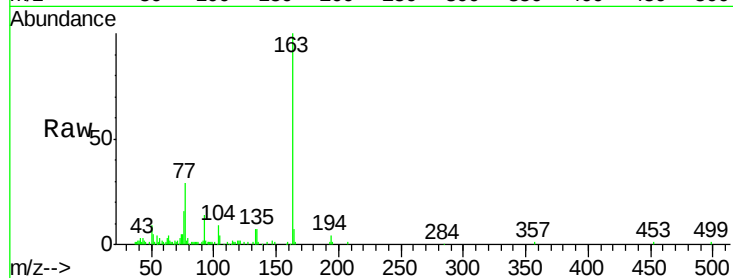
Tot Ion:163 Resp: 66669

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

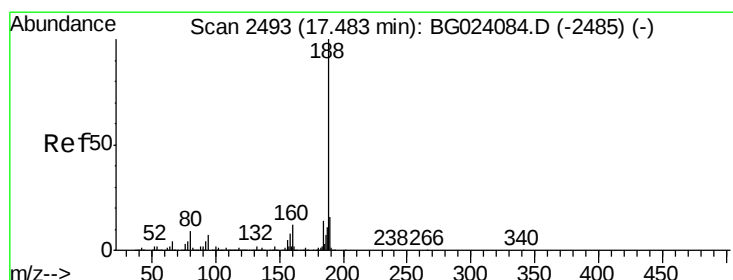
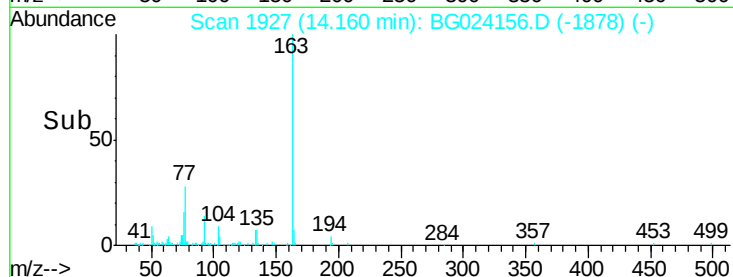
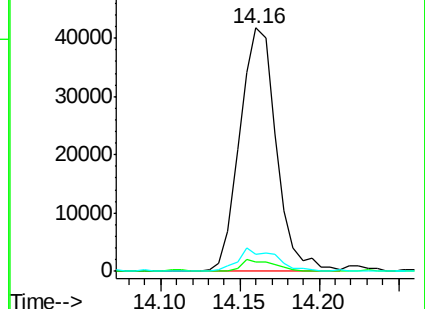
164 7.2 8.1 12.1#



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: 17.48 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BG024156.D

Acq: 28 Sep 2016 22:04

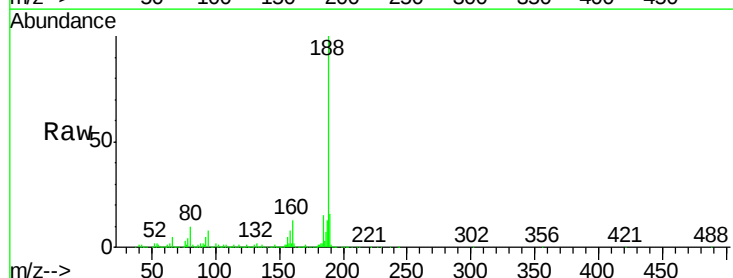
Tgt Ion:188 Resp: 411284

Ion Ratio Lower Upper

188 100

94 8.4 5.2 7.8#

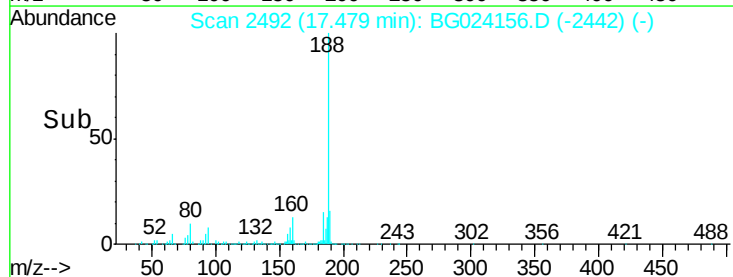
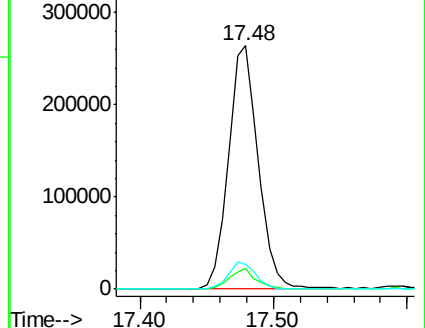
80 10.3 7.2 10.8

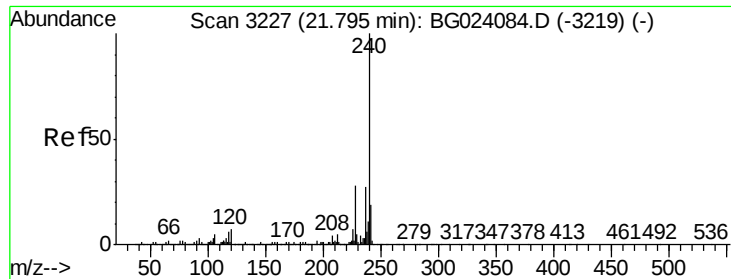


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

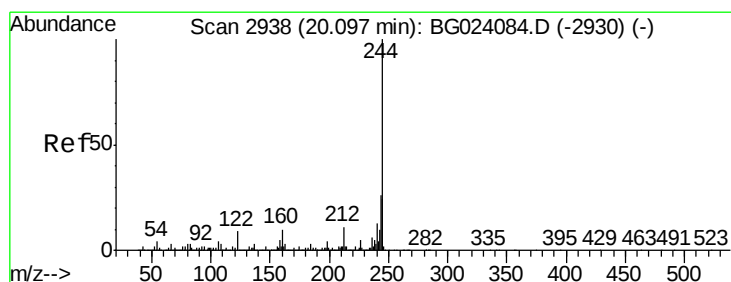
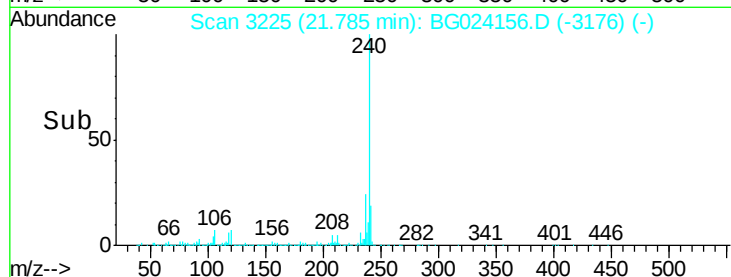
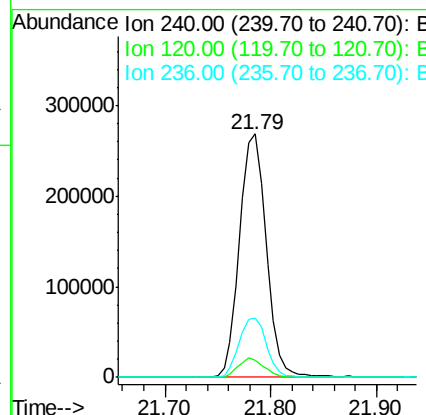
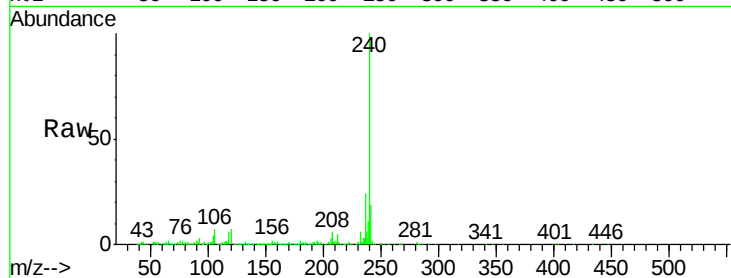




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

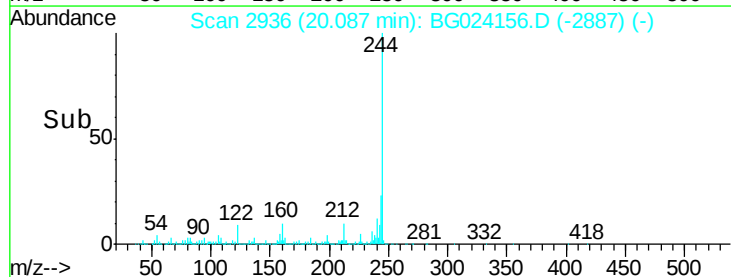
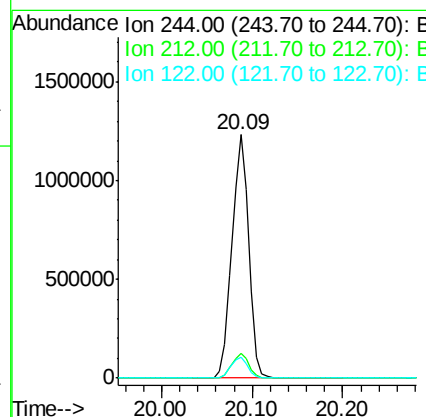
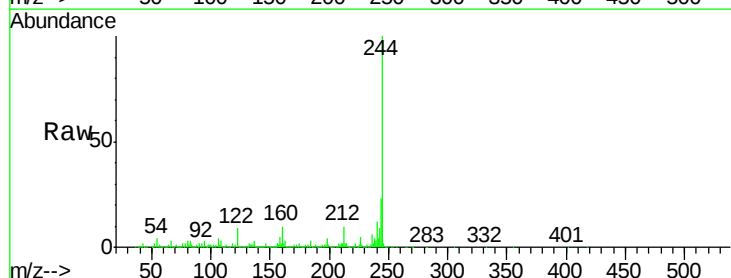
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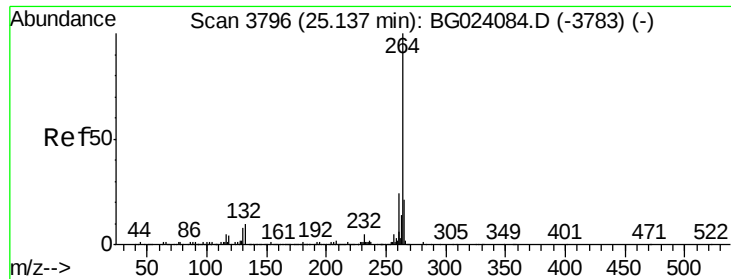
Tot Ion:240 Resp: 471229
Ion Ratio Lower Upper
240 100
120 7.0 4.1 6.1#
236 24.4 21.1 31.7



#78
Terphenyl-d14
Concen: 68.57 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.01 min
Lab File: BG024156.D
Acq: 28 Sep 2016 22:04

Tgt Ion:244 Resp: 1578142
Ion Ratio Lower Upper
244 100
212 10.4 10.8 16.2#
122 8.8 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.11 min Scan# 3791
 Delta R.T. -0.03 min
 Lab File: BG024156.D
 Acq: 28 Sep 2016 22:04

Instrument :
 BNA_G
 ClientSampleId :
 SS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	22.6	18.9	28.3

