

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
 Data File : BG025421.D
 Acq On : 30 Dec 2016 19:57
 Operator : UM/SJ
 Sample : H6318-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Dec 30 23:17:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

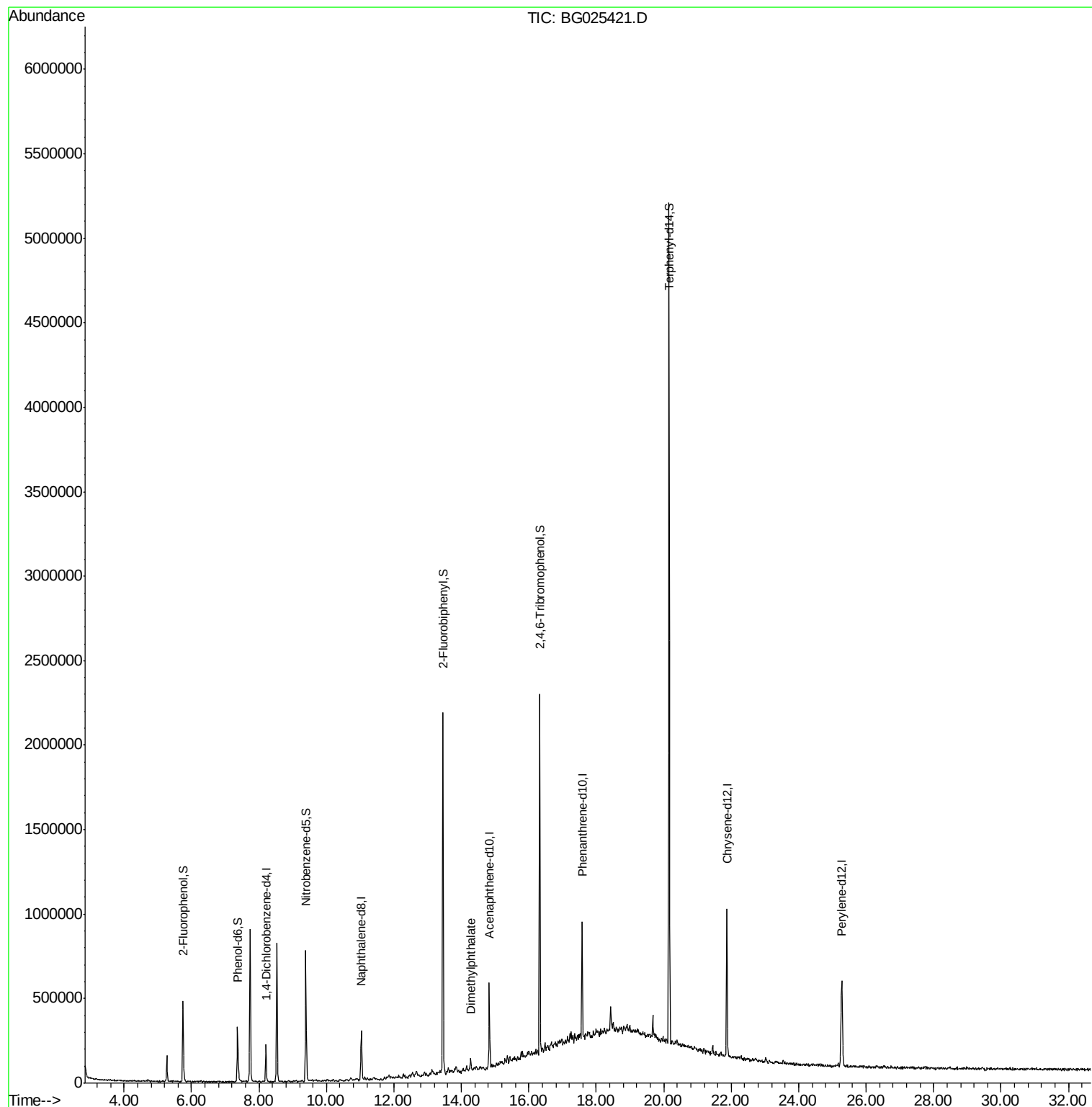
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	56040	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	239947	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	187786	20.00	ng	-0.01
63) Phenanthrene-d10	17.58	188	415272	20.00	ng	0.00
75) Chrysene-d12	21.87	240	591017	20.00	ng	-0.01
86) Perylene-d12	25.28	264	648097	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	191388	62.08	ng	0.00
7) Phenol-d6	7.36	99	182636	42.06	ng	-0.01
23) Nitrobenzene-d5	9.39	82	485456	89.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	422882	139.88	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1106855	95.43	ng	0.00
78) Terphenyl-d14	20.16	244	2039402	91.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.28	163	37875	2.77	ng	Qvalue # 88

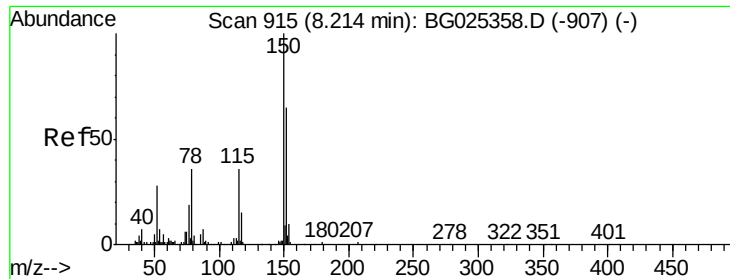
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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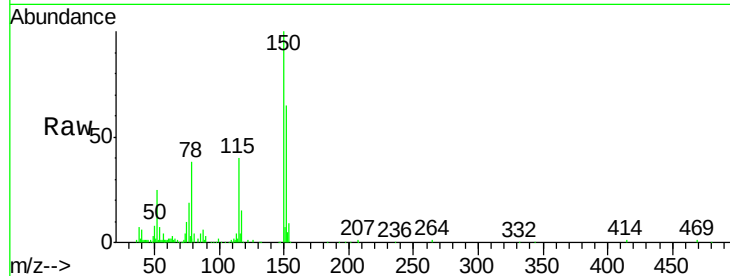


#1

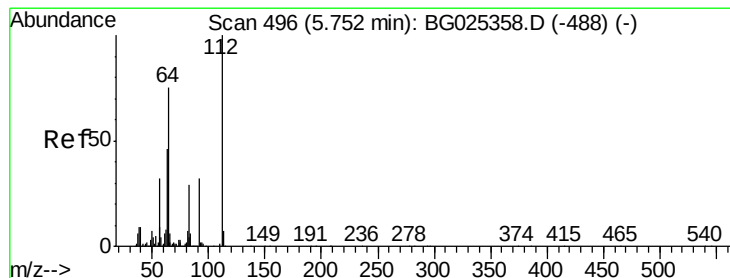
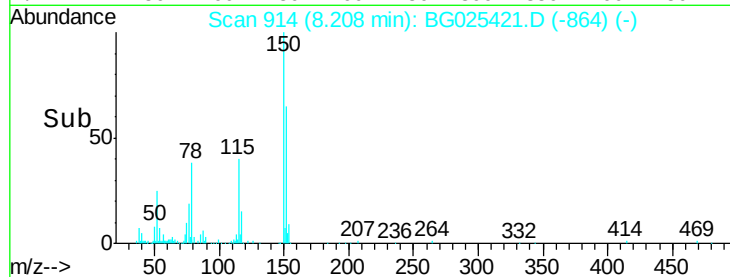
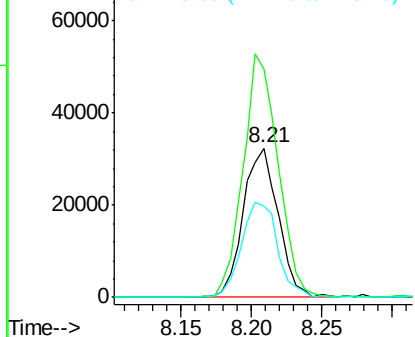
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	114.0	171.0
115	61.5	48.1	72.1



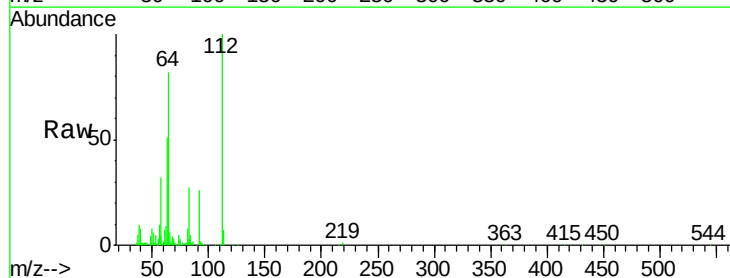
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



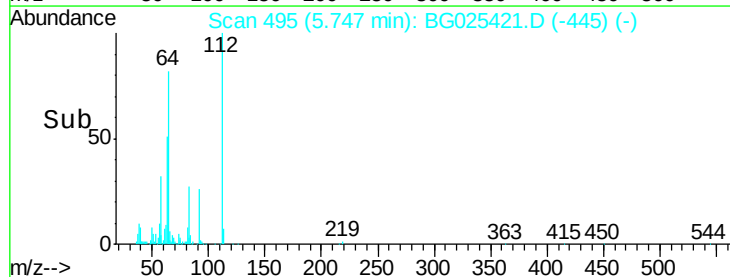
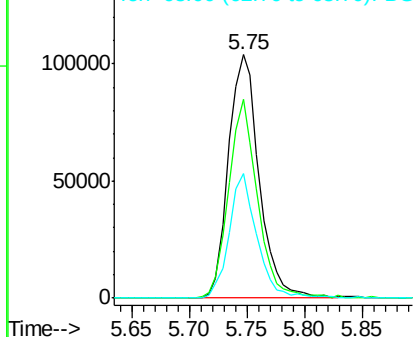
#5

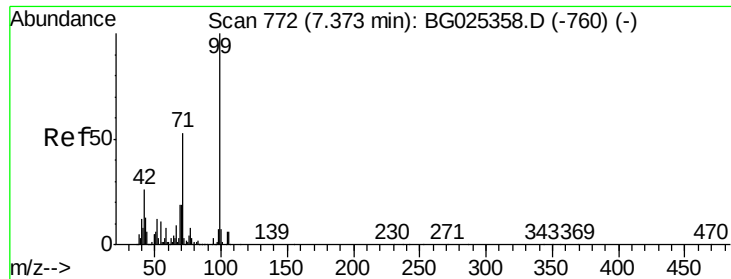
2-Fluorophenol
Concen: 62.08 ng
RT: 5.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.6	61.8	92.6
63	51.0	37.2	55.8



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: 42.06 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025421.D

Acq: 30 Dec 2016 19:57

Instrument :

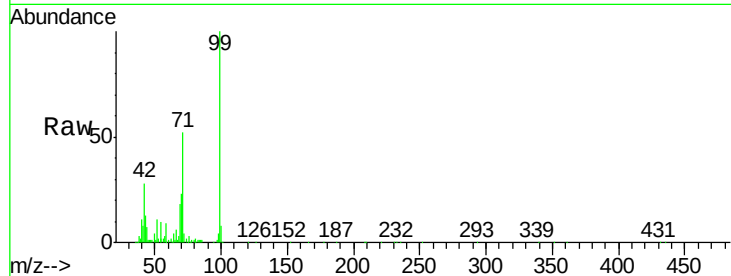
BNA_G

ClientSampleId :

MW-15

Tot Ion: 99 Resp: 182636

Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.5	30.7
71	51.7	37.6	56.4

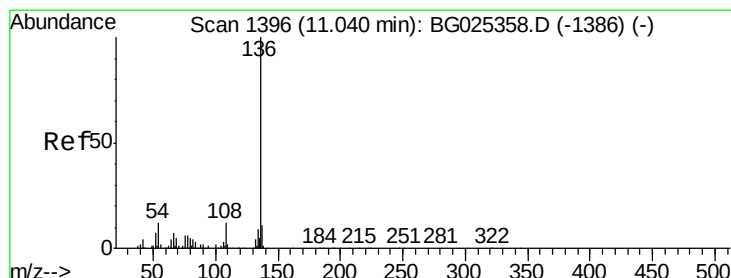
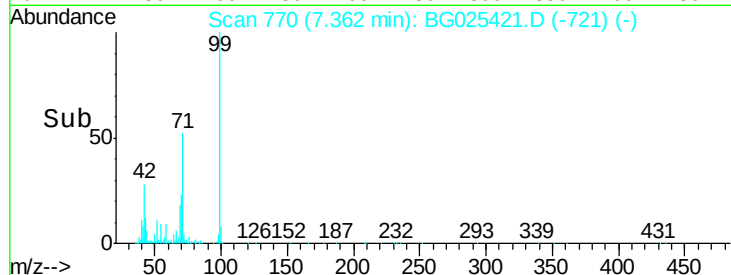
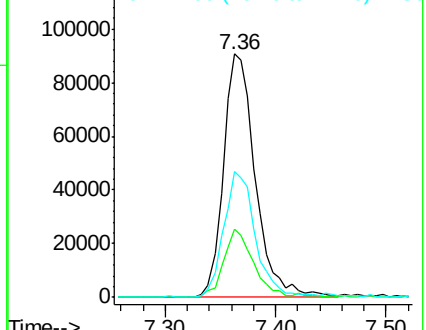


Abundance

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: 11.03 min Scan# 1395

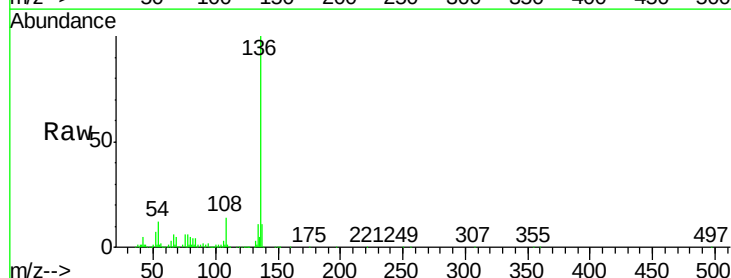
Delta R.T. -0.01 min

Lab File: BG025421.D

Acq: 30 Dec 2016 19:57

Tgt Ion: 136 Resp: 239947

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	11.7	9.3	13.9
68	4.7	5.1	7.7#



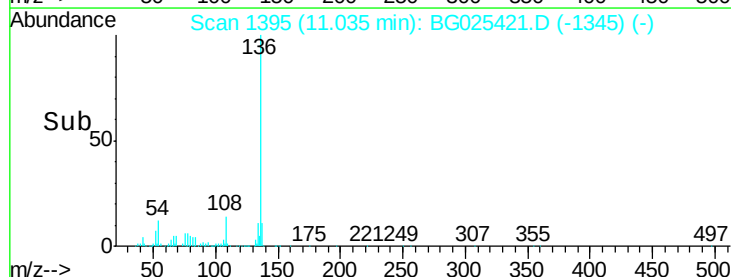
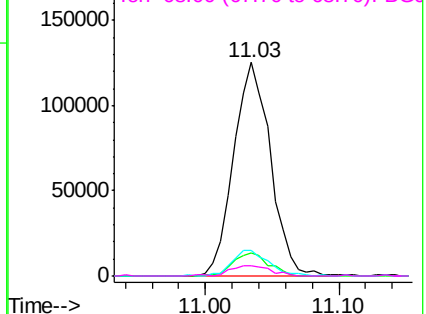
Abundance

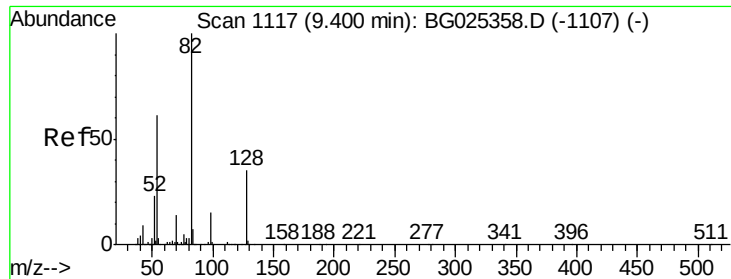
Ion 136.00 (135.70 to 136.70): BGC

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

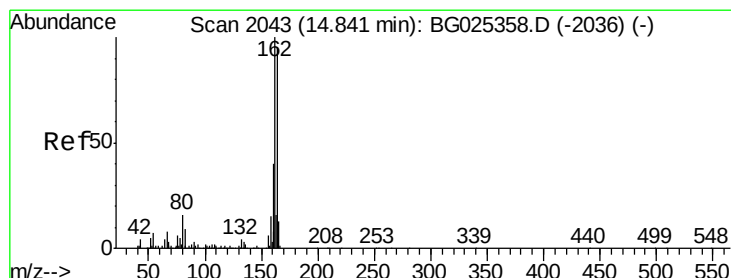
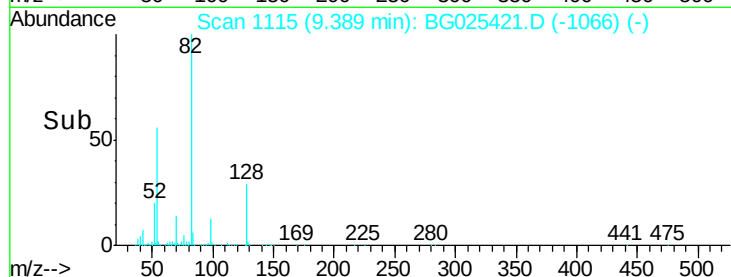
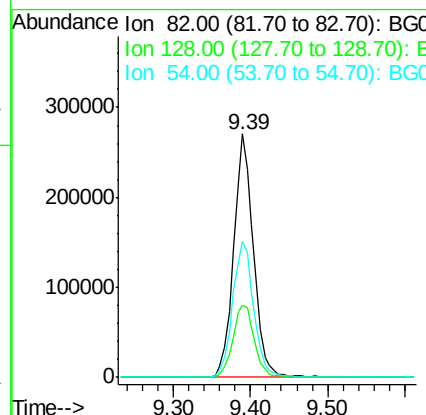
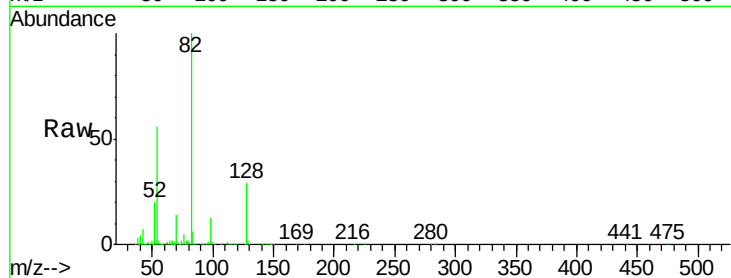




#23
 Nitrobenzene-d5
 Concen: 89.38 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG025421.D
 Acq: 30 Dec 2016 19:57

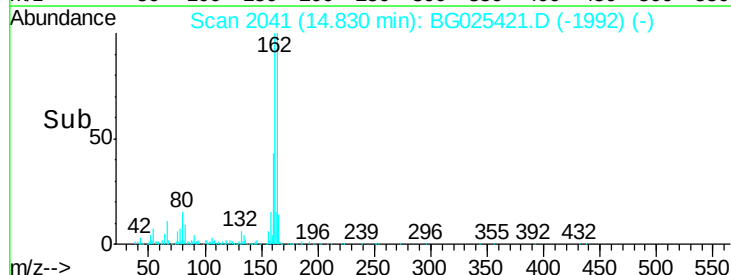
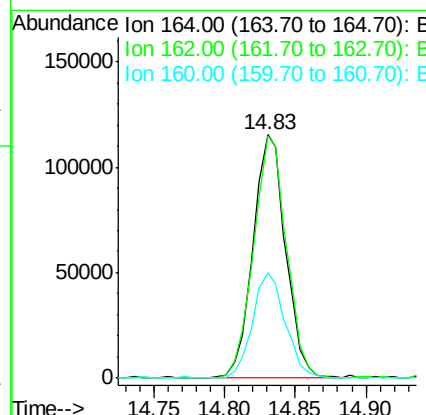
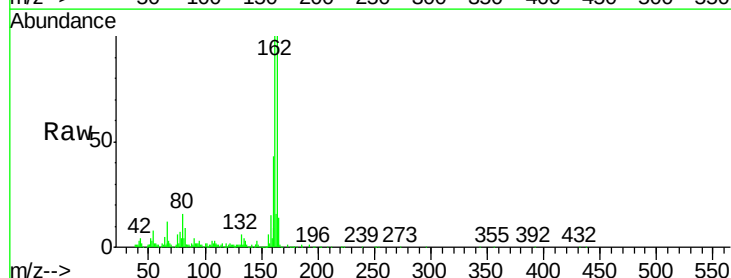
Instrument :
 BNA_G
 ClientSampleId :
 MW-15

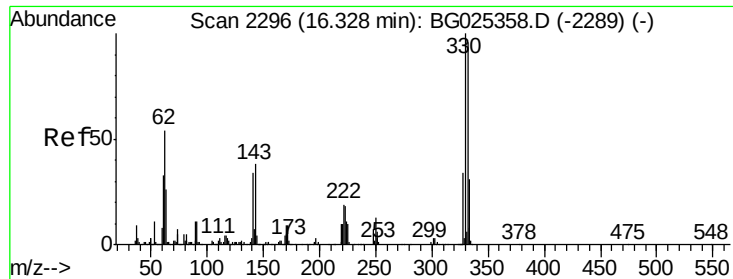
Tot Ion	82	Resp	485456
Ion Ratio	Lower	Upper	
82	100		
128	29.4	26.4	39.6
54	56.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG025421.D
 Acq: 30 Dec 2016 19:57

Tgt Ion	164	Resp	187786
Ion Ratio	Lower	Upper	
164	100		
162	99.8	85.1	127.7
160	43.5	34.7	52.1

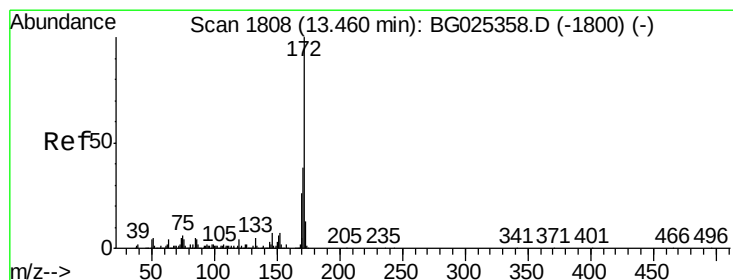
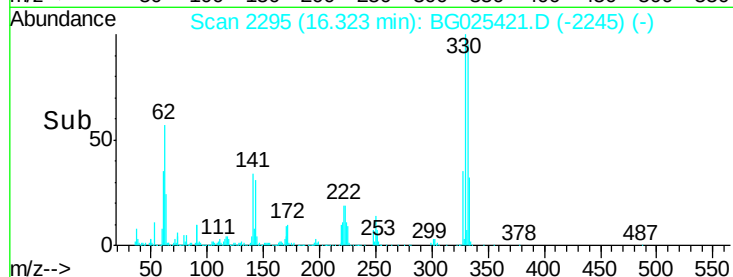
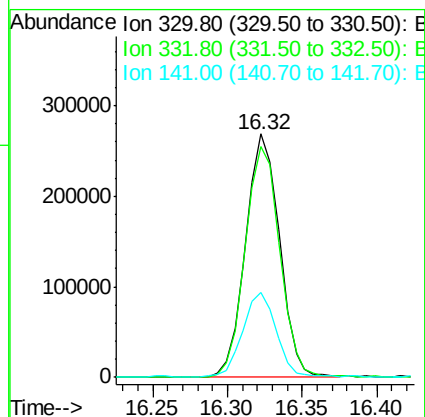
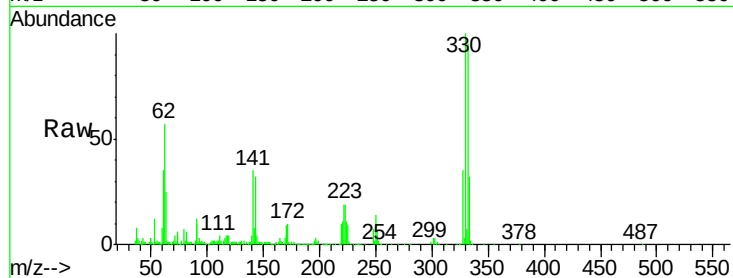




#41
 2,4,6-Tribromophenol
 Concen: 139.88 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG025421.D
 Acq: 30 Dec 2016 19:57

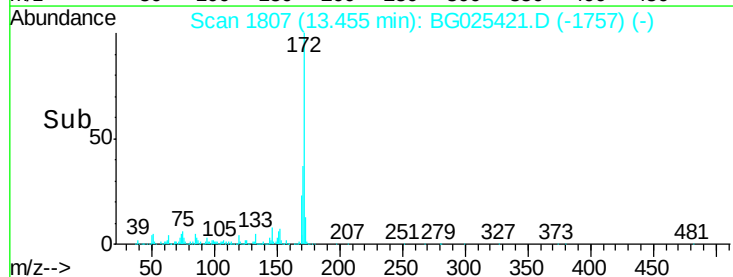
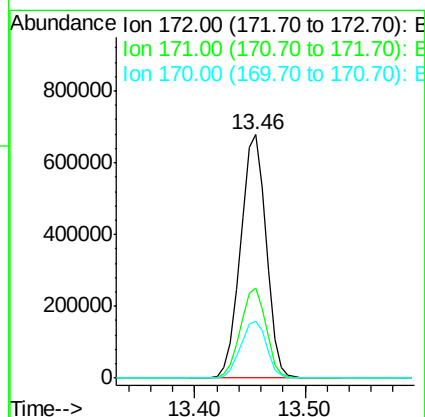
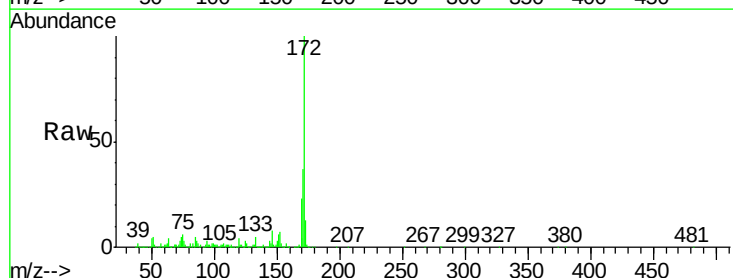
Instrument :
 BNA_G
 ClientSampleId :
 MW-15

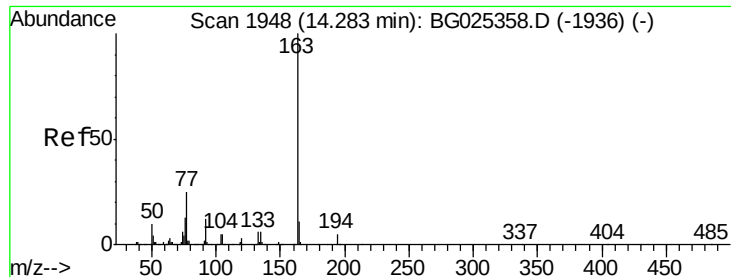
Tot Ion:330 Resp: 422882
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 34.1 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 95.43 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG025421.D
 Acq: 30 Dec 2016 19:57

Tgt Ion:172 Resp: 1106855
 Ion Ratio Lower Upper
 172 100
 171 37.2 32.2 48.2
 170 23.4 21.8 32.6





#49

Dimethylphthalate

Concen: 2.77 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG025421.D

Acq: 30 Dec 2016 19:57

Instrument :

BNA_G

ClientSampleId :

MW-15

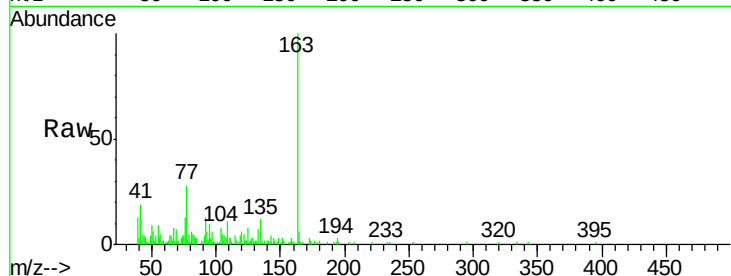
Tot Ion:163 Resp: 37875

Ion Ratio Lower Upper

163 100

194 3.1 3.8 5.6#

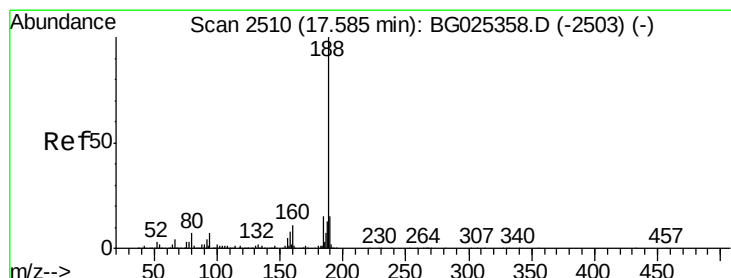
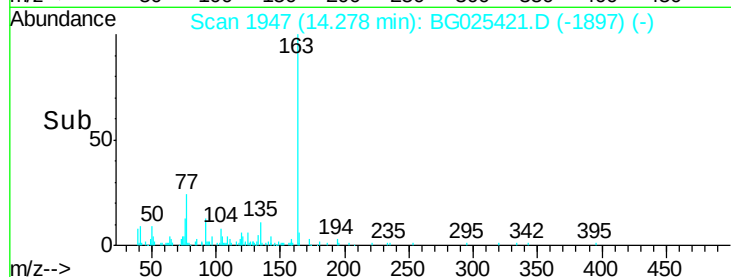
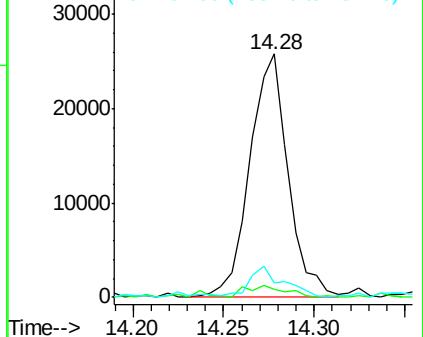
164 5.8 9.3 13.9#



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: 17.58 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG025421.D

Acq: 30 Dec 2016 19:57

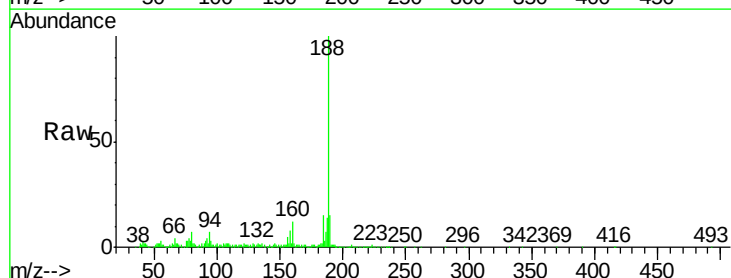
Tgt Ion:188 Resp: 415272

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

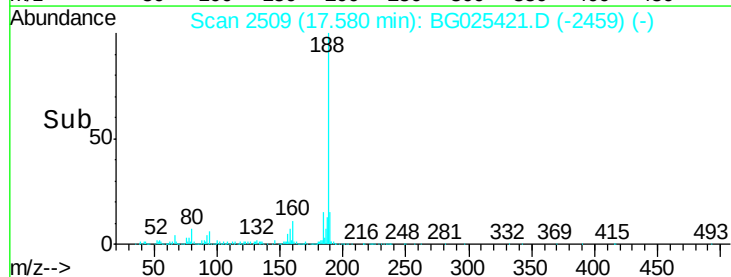
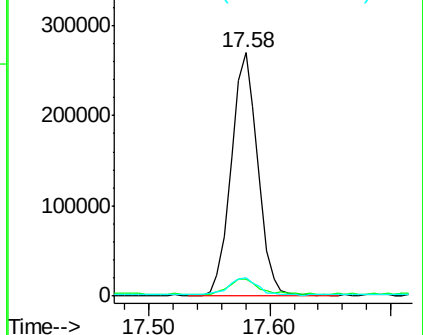
80 7.5 7.5 11.3#

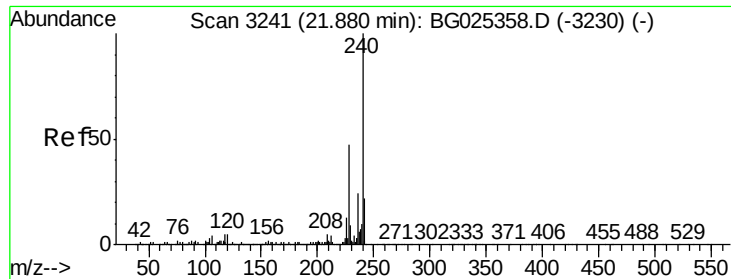


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

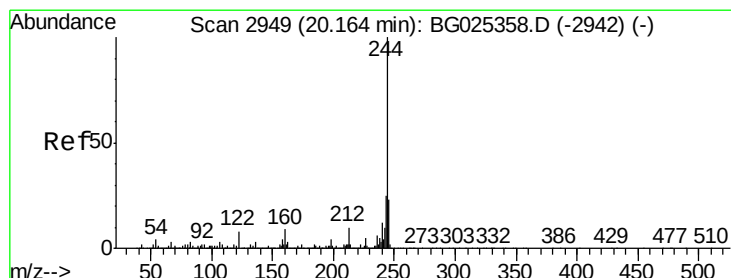
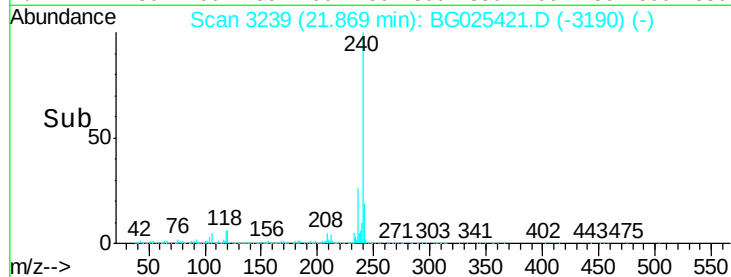
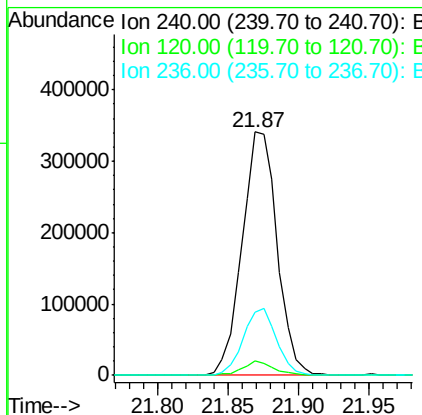
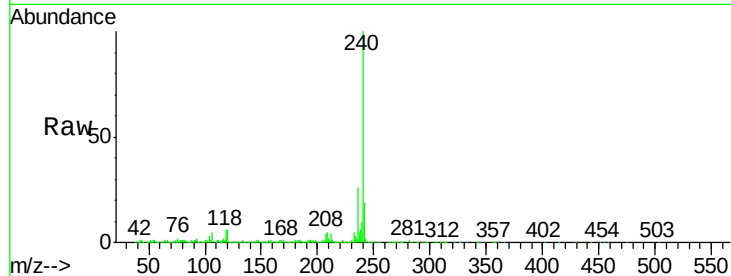




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3239
 Delta R.T. -0.01 min
 Lab File: BG025421.D
 Acq: 30 Dec 2016 19:57

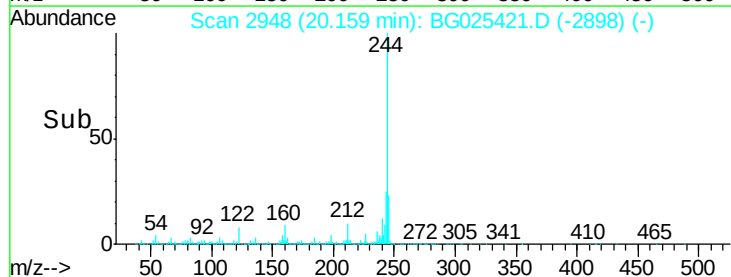
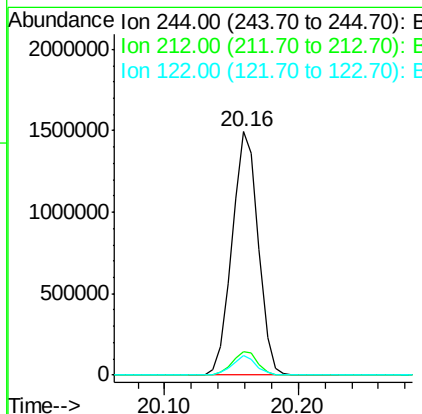
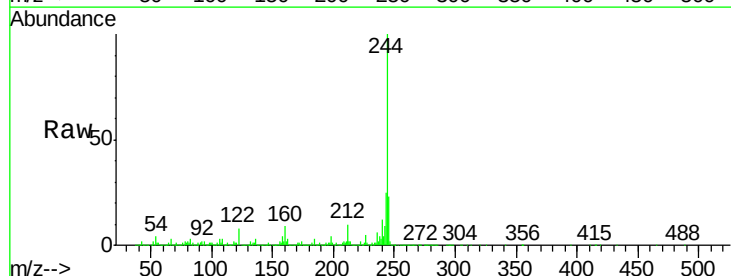
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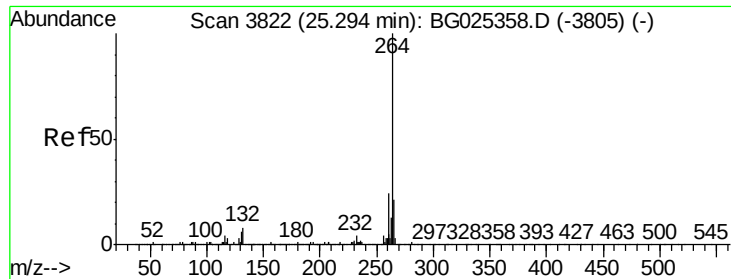
Tot Ion:240 Resp: 591017
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.7 8.5
 236 25.9 22.2 33.4



#78
 Terphenyl-d14
 Concen: 91.49 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BG025421.D
 Acq: 30 Dec 2016 19:57

Tgt Ion:244 Resp: 2039402
 Ion Ratio Lower Upper
 244 100
 212 9.5 10.0 15.0#
 122 7.8 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG025421.D
Acq: 30 Dec 2016 19:57

Instrument :
BNA_G
ClientSampleId :
MW-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	21.5	18.2	27.4

