

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024168.D
 Acq On : 30 Sep 2016 20:39
 Operator : UM/SJ
 Sample : H4998-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-1-3

Quant Time: Oct 01 04:14:22 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

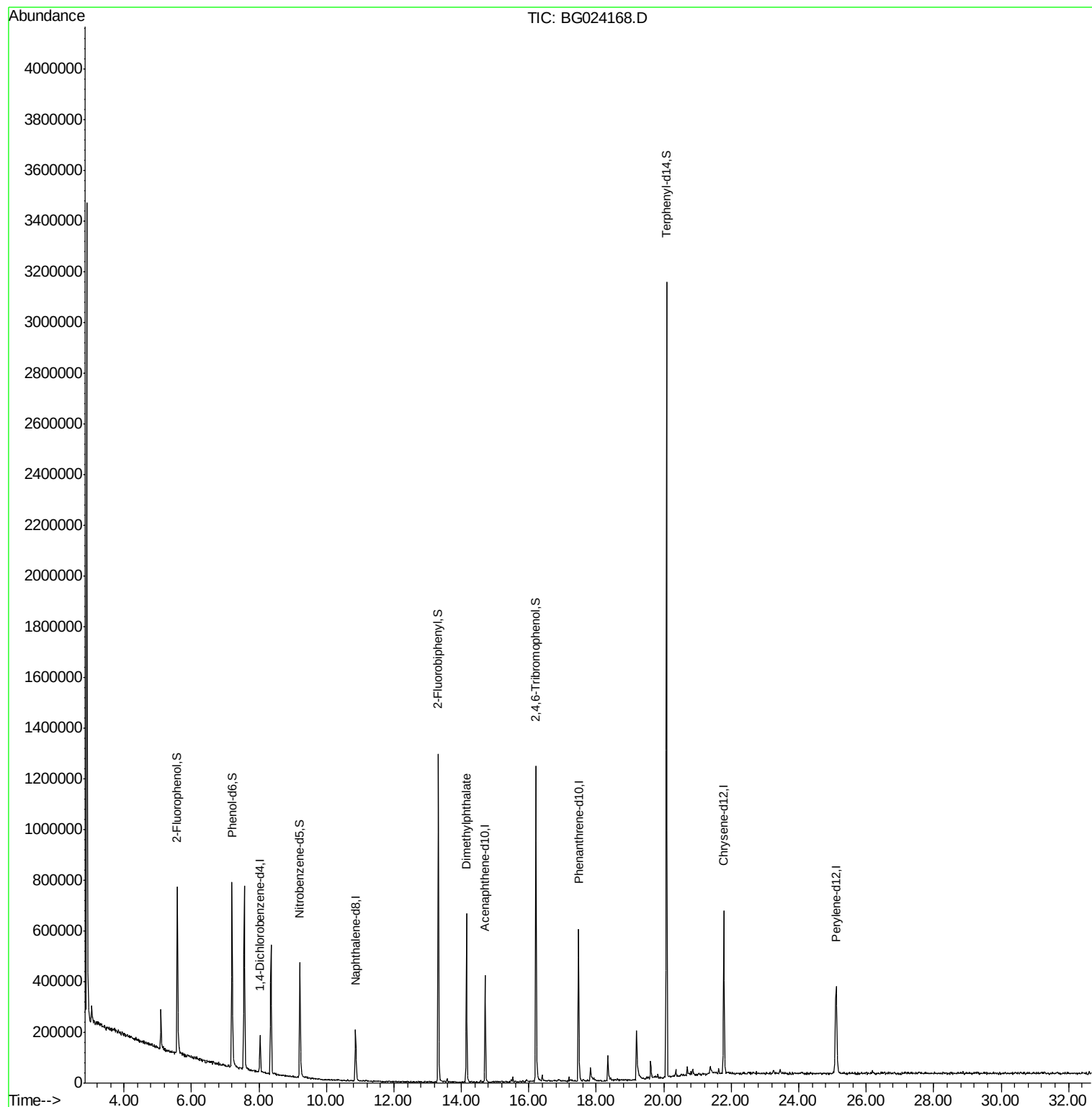
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37400	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	172334	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	143233	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	357305	20.00	ng	0.00
75) Chrysene-d12	21.78	240	416588	20.00	ng	-0.01
86) Perylene-d12	25.11	264	411060	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	283163	131.17	ng	0.00
7) Phenol-d6	7.20	99	428035	117.84	ng	0.00
23) Nitrobenzene-d5	9.21	82	319974	73.18	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	219530	106.63	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	643583	75.53	ng	-0.01
78) Terphenyl-d14	20.08	244	1196350	58.80	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.15	163	419431	38.17	ng	# 98

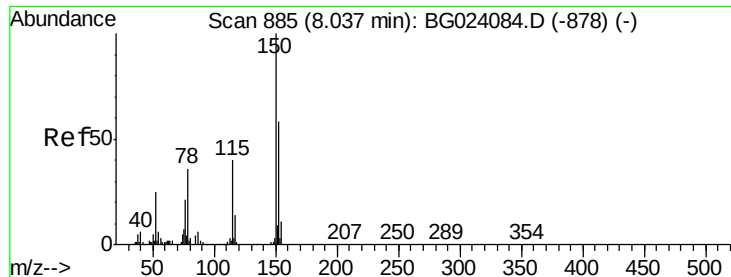
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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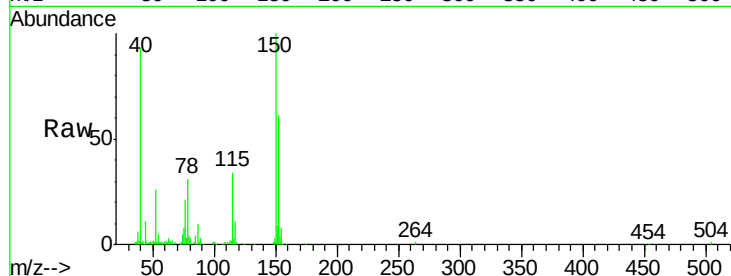


#1

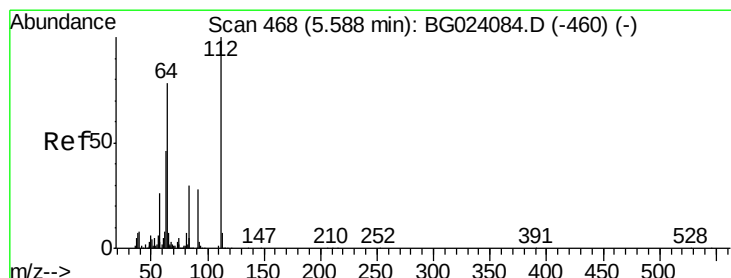
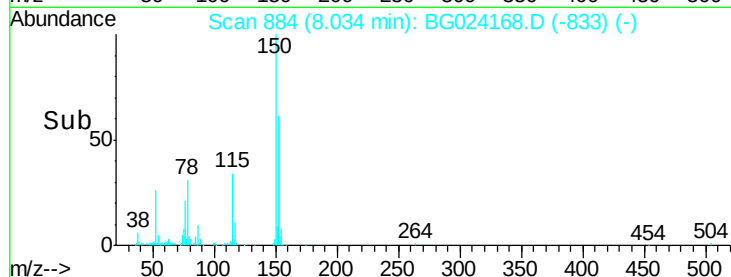
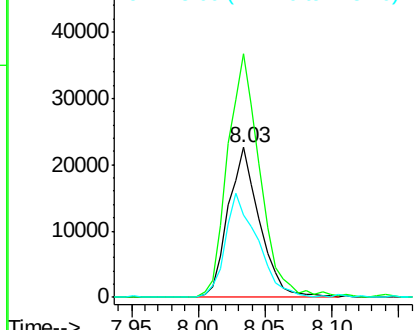
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG024168.D
 Acq: 30 Sep 2016 20:39

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-1-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	144.7	217.1
115	55.2	64.0	96.0



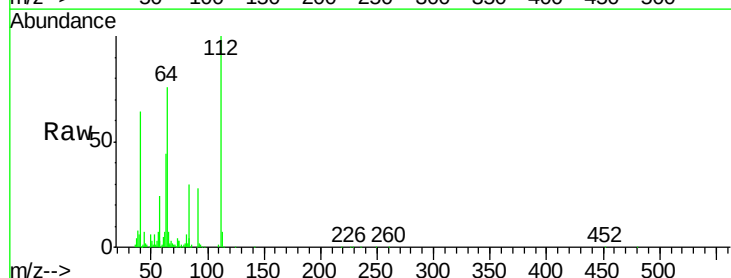
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



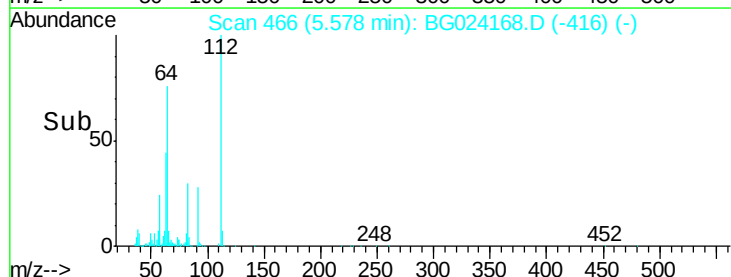
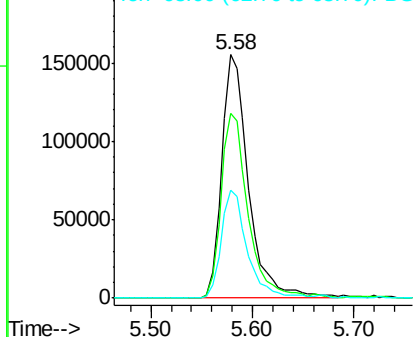
#5

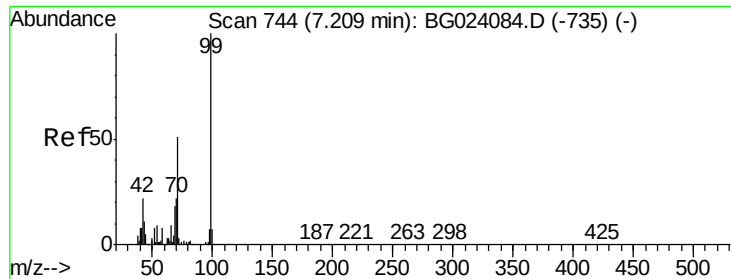
2-Fluorophenol
 Concen: 131.17 ng
 RT: 5.58 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BG024168.D
 Acq: 30 Sep 2016 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.0	59.0	88.4
63	44.3	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: 117.84 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Instrument :

BNA_G

ClientSampleId :

SUP-B044-1-3

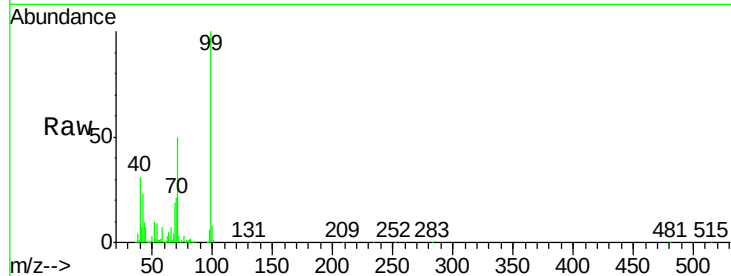
Tot Ion: 99 Resp: 428035

Ion Ratio Lower Upper

99 100

42 22.7 17.8 26.6

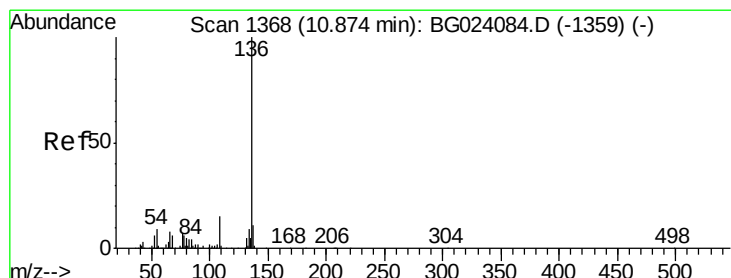
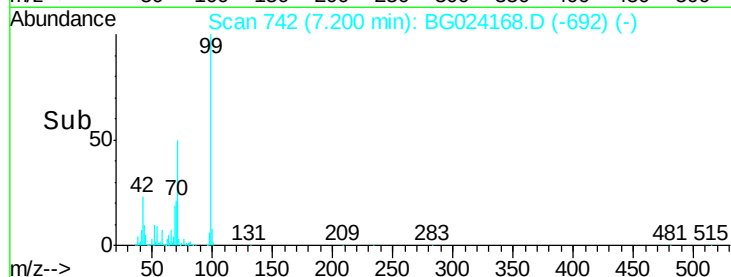
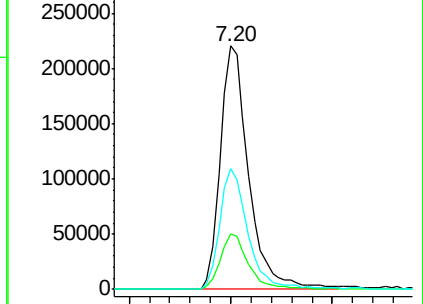
71 49.5 41.5 62.3



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: 10.87 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Tgt Ion: 136 Resp: 172334

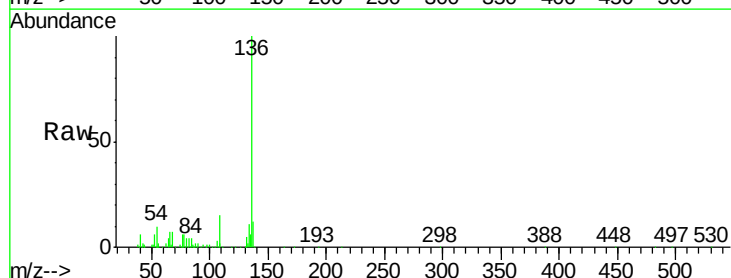
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 9.9 7.3 10.9

68 6.7 5.3 7.9

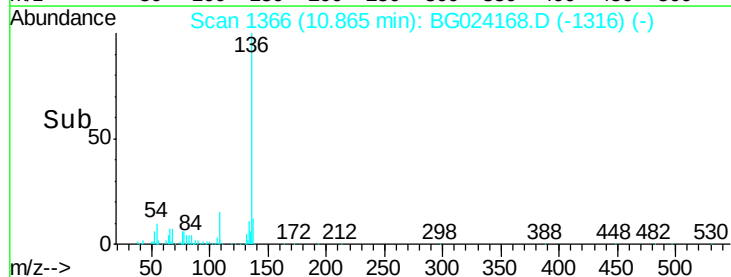
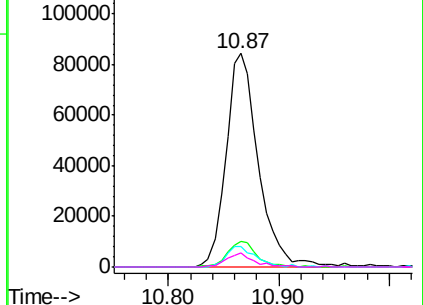


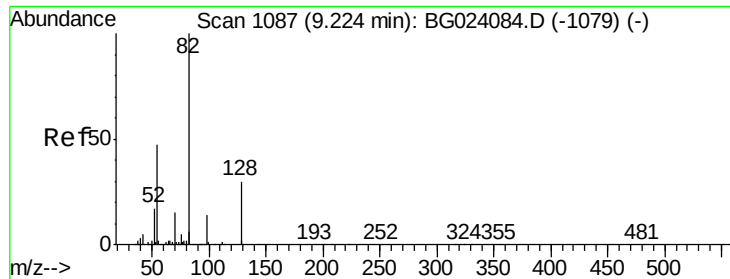
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

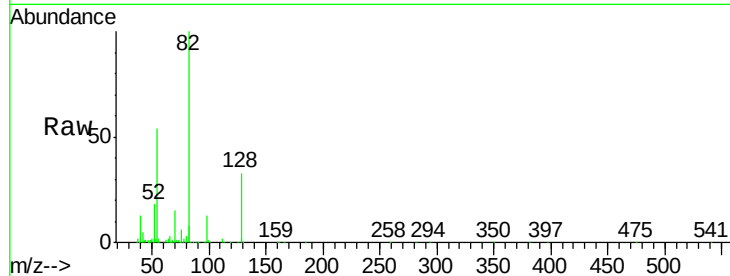




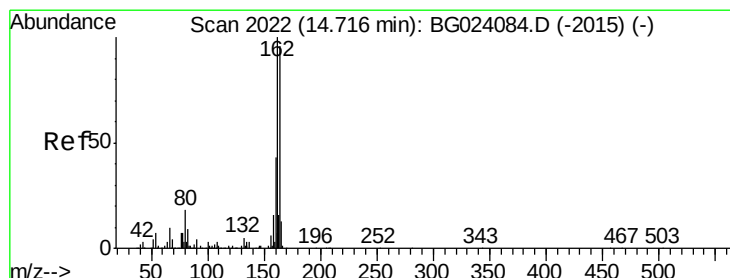
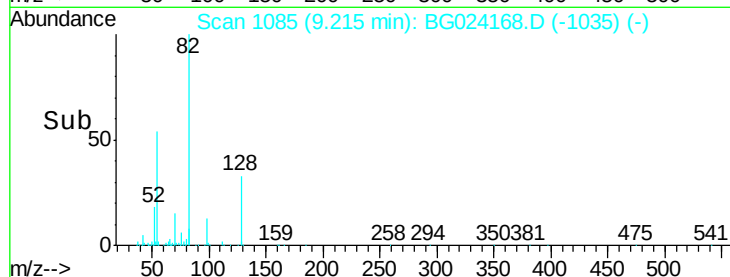
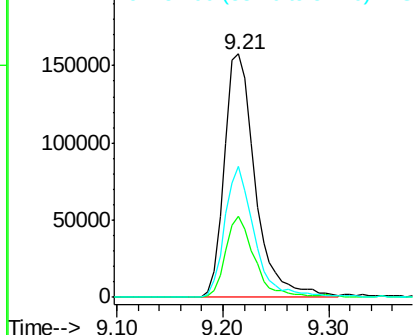
#23
 Nitrobenzene-d5
 Concen: 73.18 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024168.D
 Acq: 30 Sep 2016 20:39

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-1-3

Tot Ion	82	Resp	319974
Ion Ratio	Lower	Upper	
82	100		
128	33.2	24.4	36.6
54	54.0	41.4	62.0

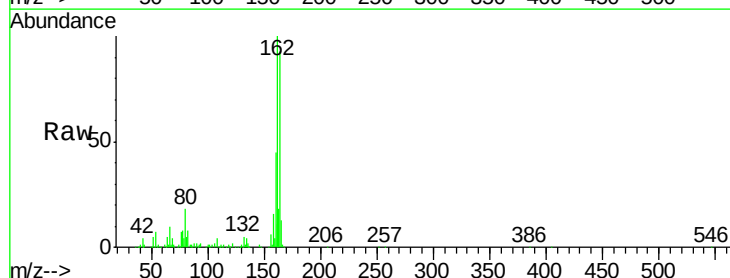


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

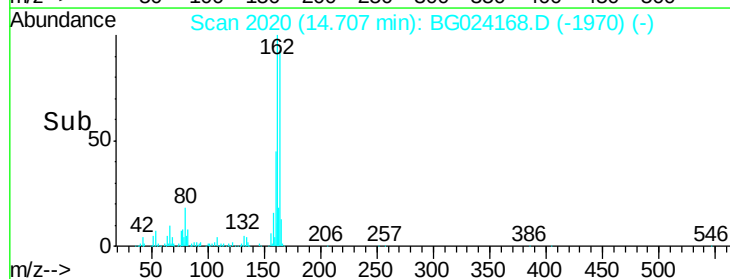
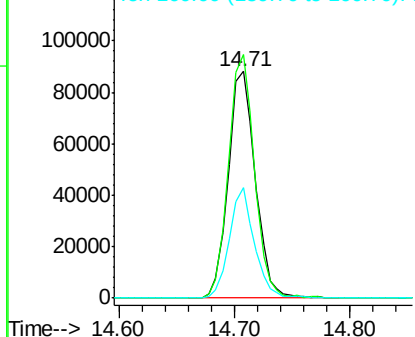


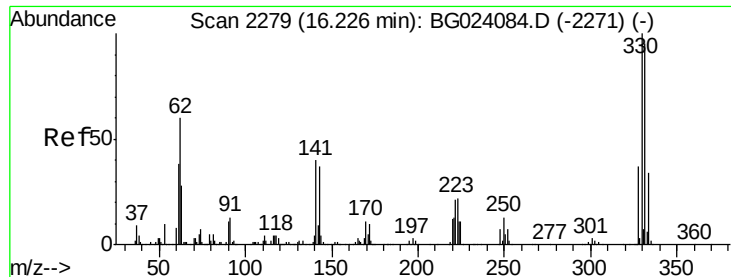
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG024168.D
 Acq: 30 Sep 2016 20:39

Tgt Ion	164	Resp	143233
Ion Ratio	Lower	Upper	
164	100		
162	107.3	87.7	131.5
160	48.7	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

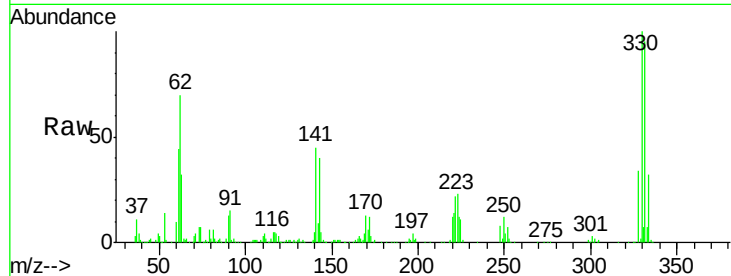




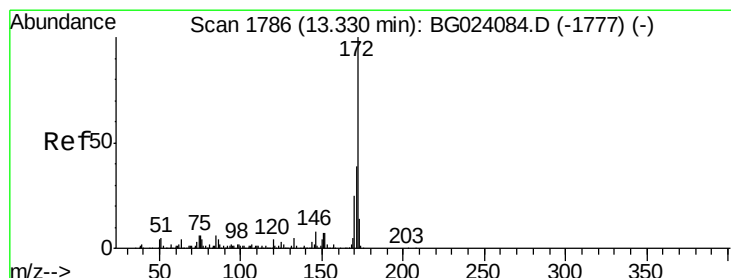
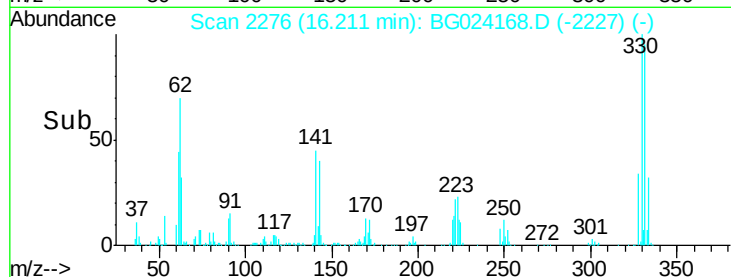
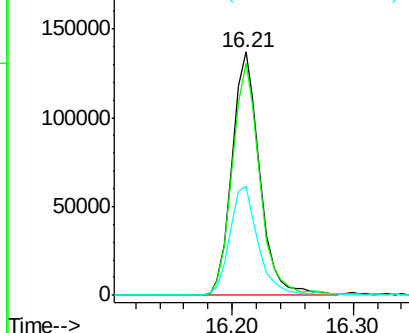
#41
 2,4,6-Tribromophenol
 Concen: 106.63 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG024168.D
 Acq: 30 Sep 2016 20:39

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B044-1-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	46.3	31.7	47.5

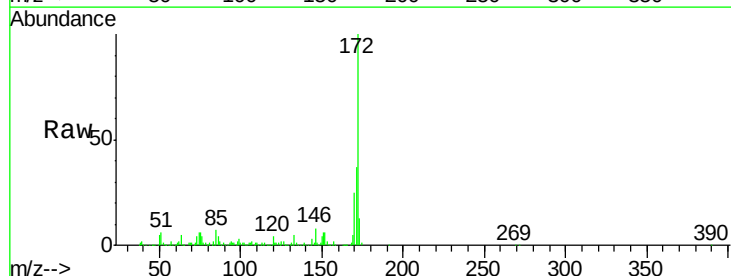


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

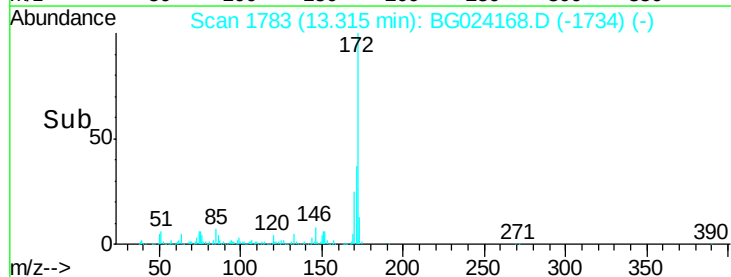
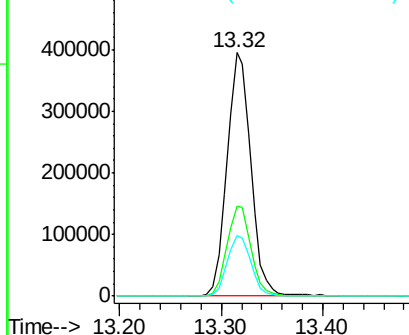


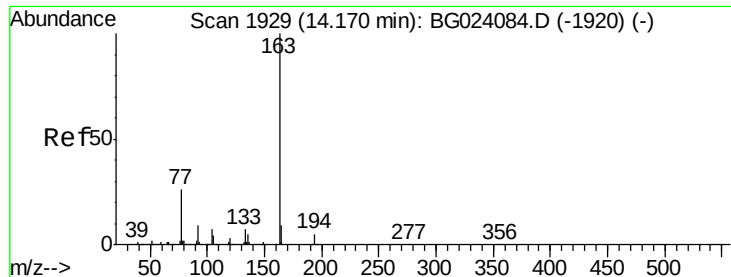
#44
 2-Fluorobiphenyl
 Concen: 75.53 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG024168.D
 Acq: 30 Sep 2016 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.6	47.4
170	24.8	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: 38.17 ng

RT: 14.15 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

Instrument :

BNA_G

ClientSampleId :

SUP-B044-1-3

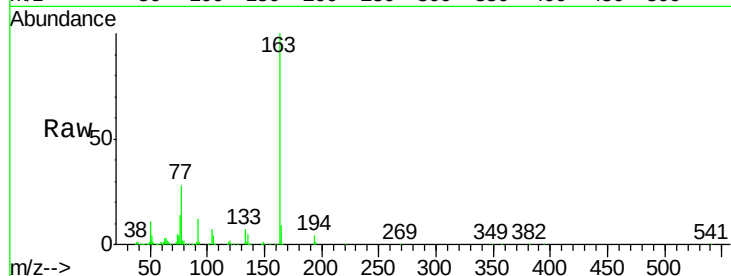
Tot Ion:163 Resp: 419431

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4#

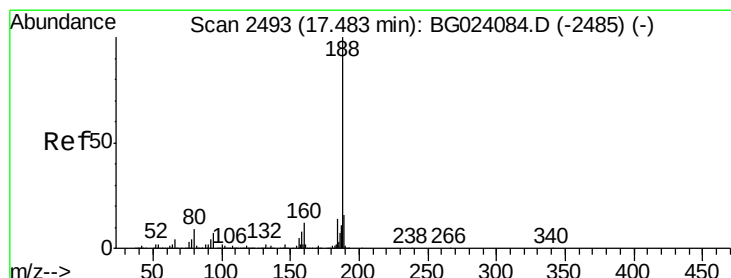
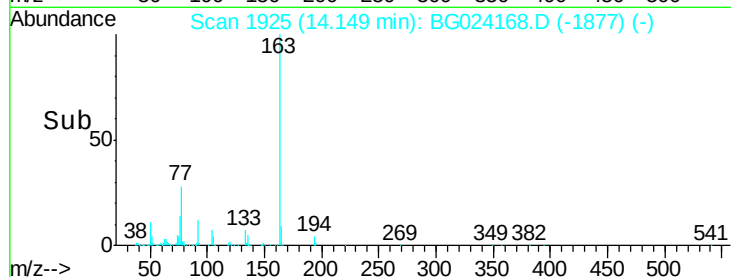
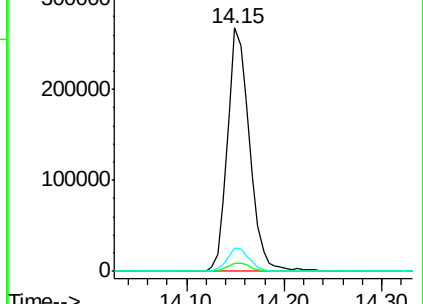
164 9.5 8.1 12.1



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: 17.47 min Scan# 2491

Delta R.T. -0.01 min

Lab File: BG024168.D

Acq: 30 Sep 2016 20:39

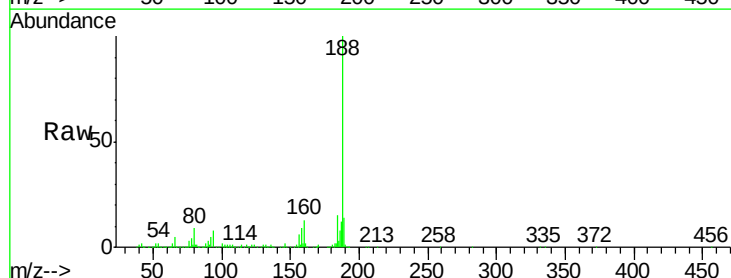
Tgt Ion:188 Resp: 357305

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

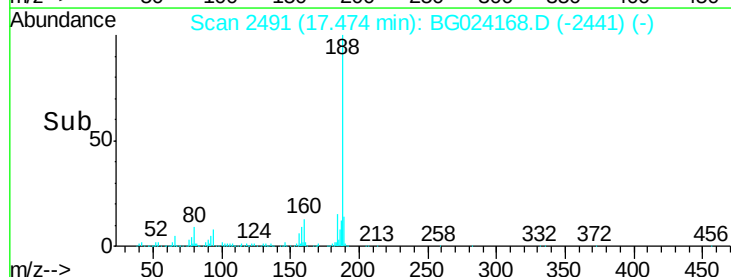
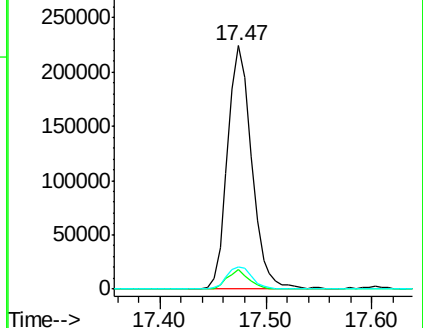
80 9.4 7.2 10.8

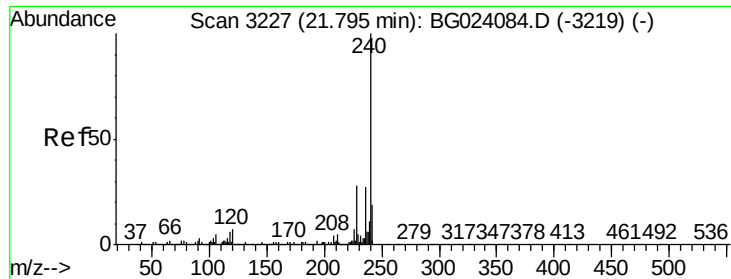


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

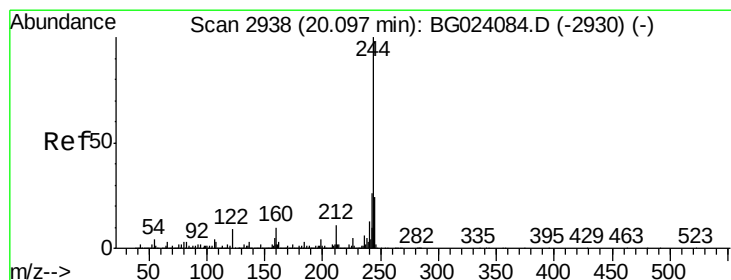
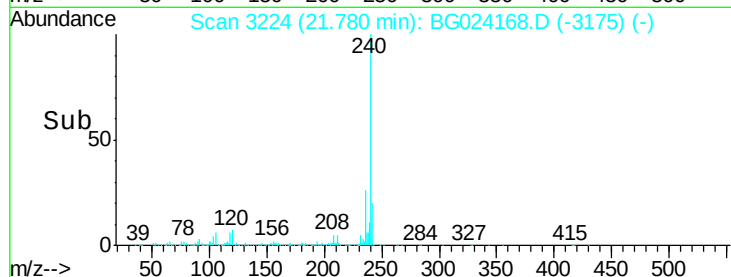
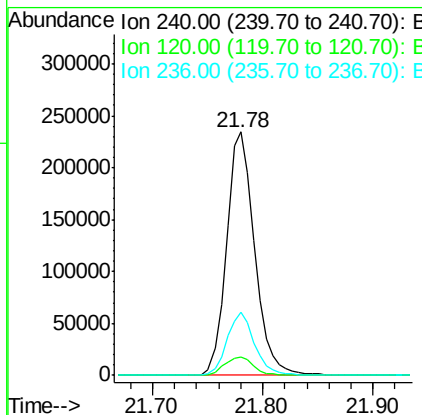
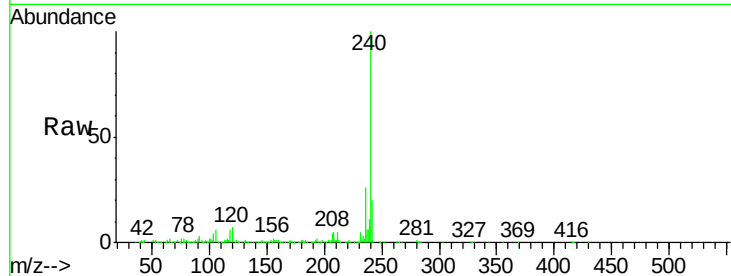




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG024168.D
Acq: 30 Sep 2016 20:39

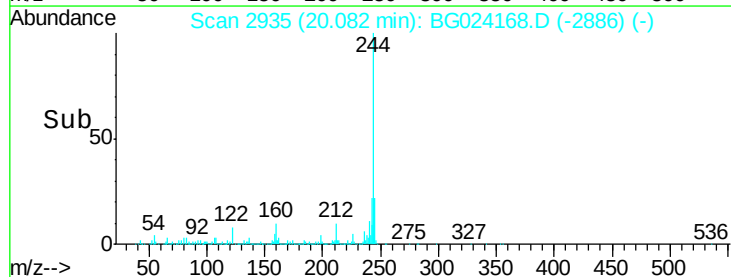
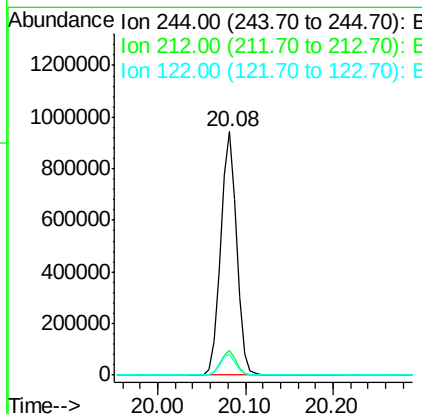
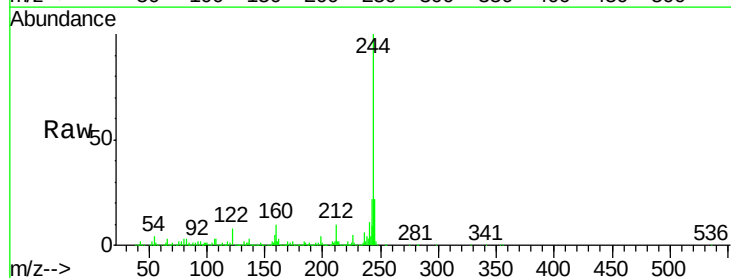
Instrument :
BNA_G
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SUP-B044-1-3

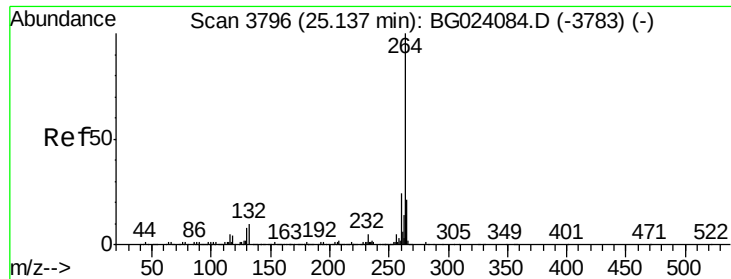
Tot Ion:240 Resp: 416588
Ion Ratio Lower Upper
240 100
120 7.4 4.1 6.1#
236 26.0 21.1 31.7



#78
Terphenyl-d14
Concen: 58.80 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BG024168.D
Acq: 30 Sep 2016 20:39

Tgt Ion:244 Resp: 1196350
Ion Ratio Lower Upper
244 100
212 10.2 10.8 16.2#
122 8.4 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: BG024168.D
Acq: 30 Sep 2016 20:39

Instrument :
BNA_G
ClientSampleId :
SUP-B044-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.5	18.9	28.3

