

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028914.D
 Acq On : 25 Sep 2017 19:13
 Operator : SJ/JU
 Sample : I5306-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-21

Quant Time: Sep 26 02:14:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

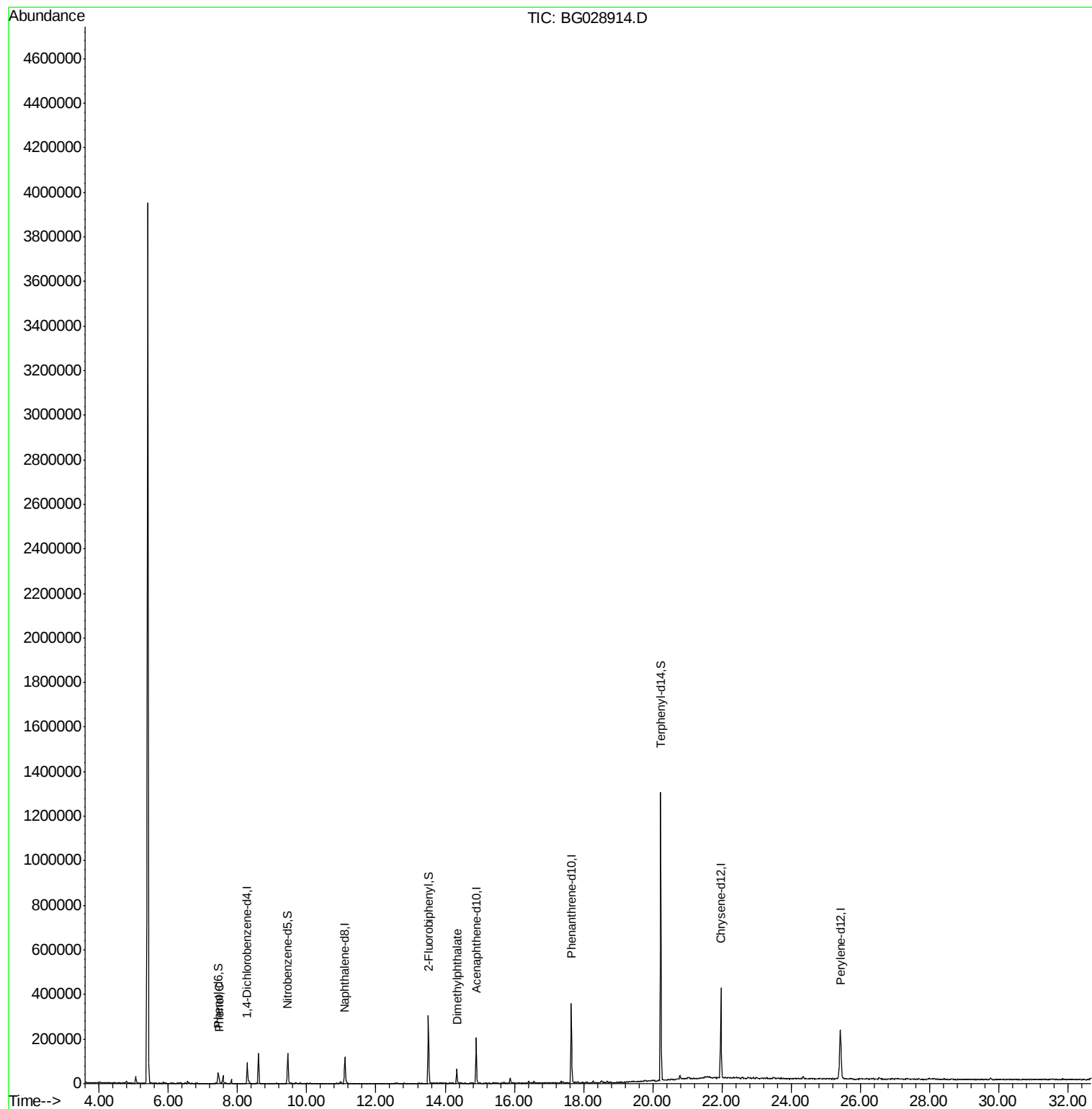
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	27166	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	105591	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	74917	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	229033	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	269383	20.00	ng	-0.07
86) Perylene-d12	25.42	264	275309	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	2629	1.60	ng	-0.05
7) Phenol-d6	7.44	99	29349	11.84	ng	-0.05
23) Nitrobenzene-d5	9.45	82	93319	42.28	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	759	0.61	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	168511	29.99	ng	-0.05
78) Terphenyl-d14	20.23	244	617625	48.89	ng	-0.05
Target Compounds						
10) Phenol	7.47	94	12546	4.796	ng	Qvalue 87
49) Dimethylphthalate	14.33	163	44461	7.077	ng	# 95

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

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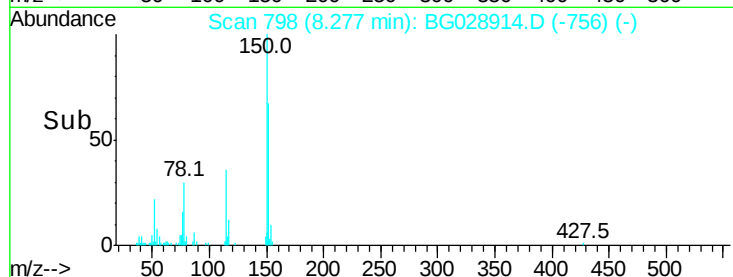
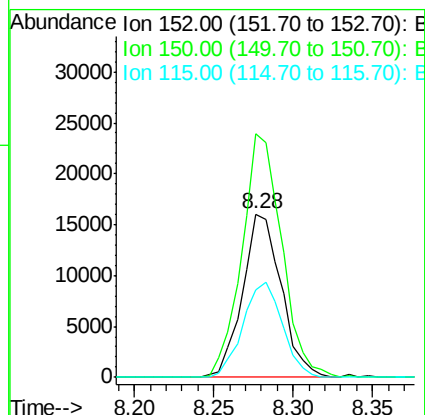
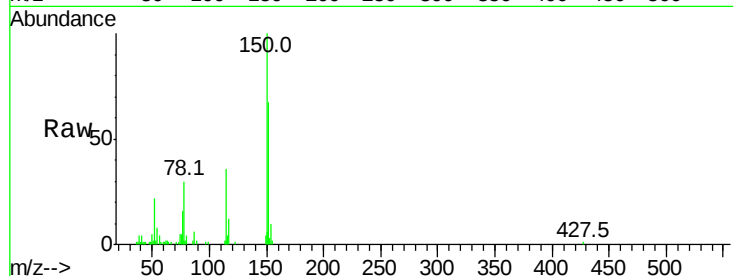


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028914.D
Acq: 25 Sep 2017 19:13

Instrument :
BNA_G
ClientSampled :
EP-21

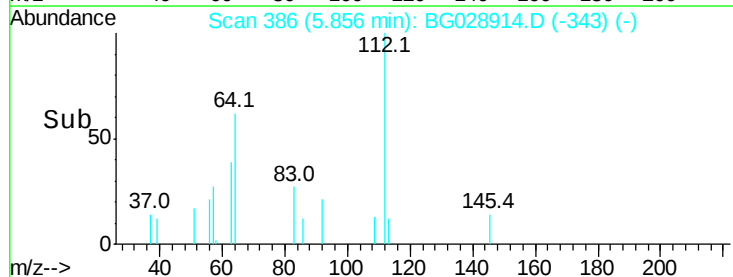
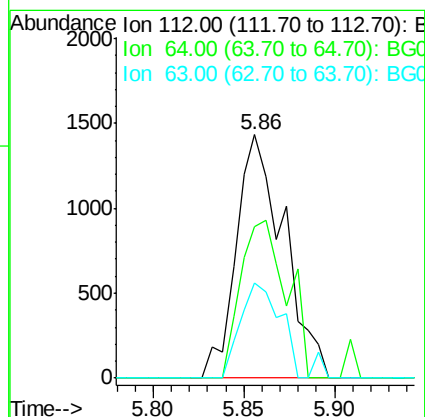
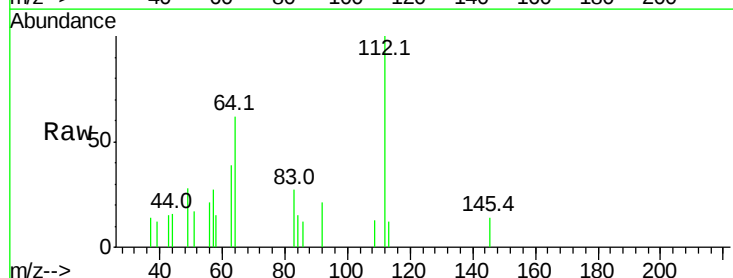
Tot Ion:152 Resp: 27166
Ion Ratio Lower Upper
152 100
150 149.4 114.0 171.0
115 53.6 48.1 72.1

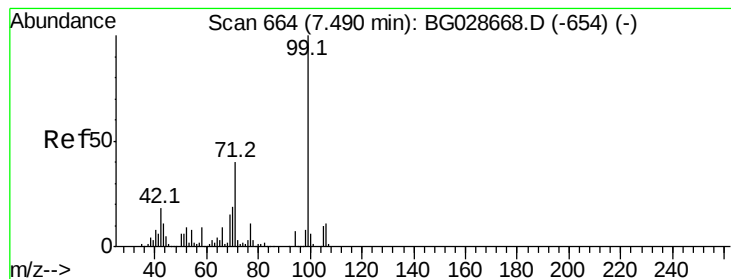


#5

2-Fluorophenol
Concen: 1.597 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028914.D
Acq: 25 Sep 2017 19:13

Tgt Ion:112 Resp: 2629
Ion Ratio Lower Upper
112 100
64 62.3 61.8 92.6
63 39.1 37.2 55.8





#7

Phenol-d6

Concen: 11.840 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028914.D

Acq: 25 Sep 2017 19:13

Instrument :

BNA_G

ClientSampleId :

EP-21

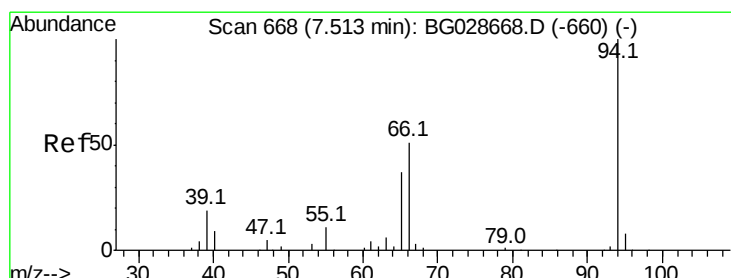
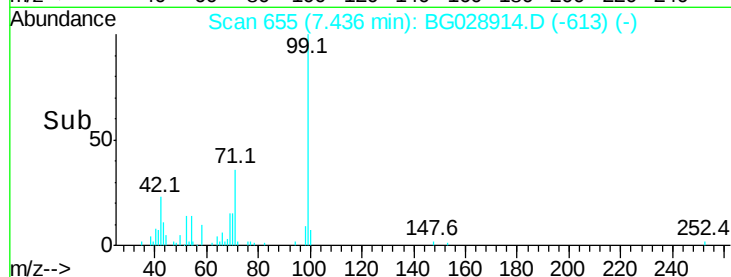
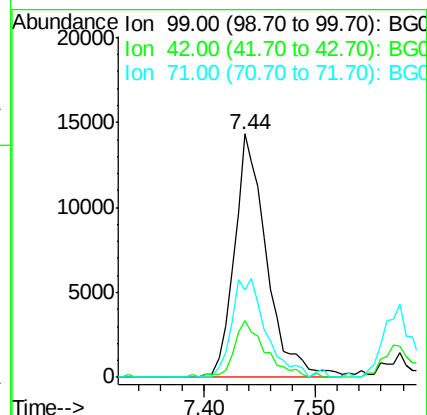
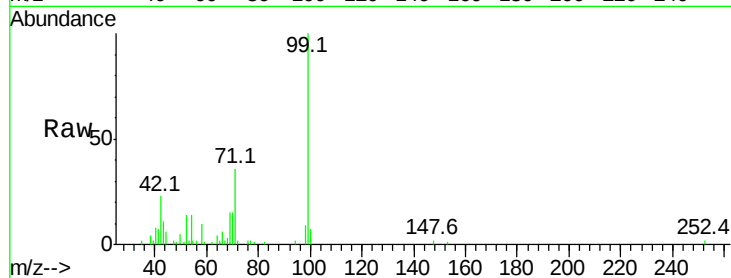
Tot Ion: 99 Resp: 29349

Ion Ratio Lower Upper

99 100

42 23.2 20.5 30.7

71 36.1 37.6 56.4#



#10

Phenol

Concen: 4.796 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028914.D

Acq: 25 Sep 2017 19:13

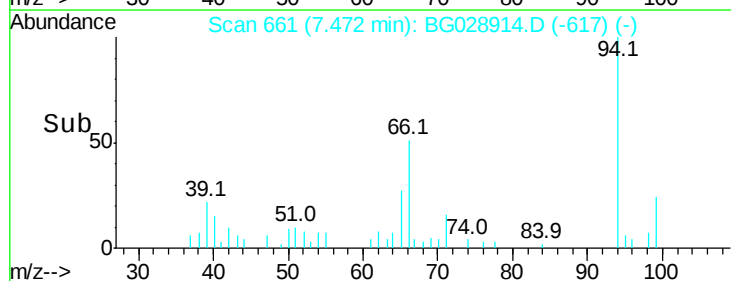
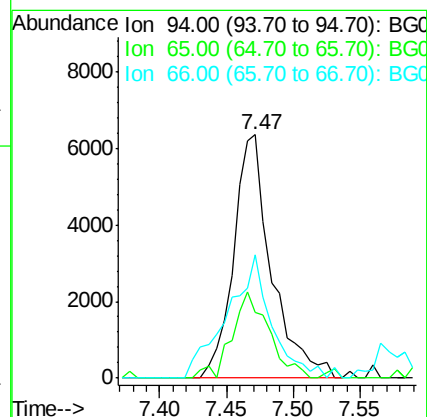
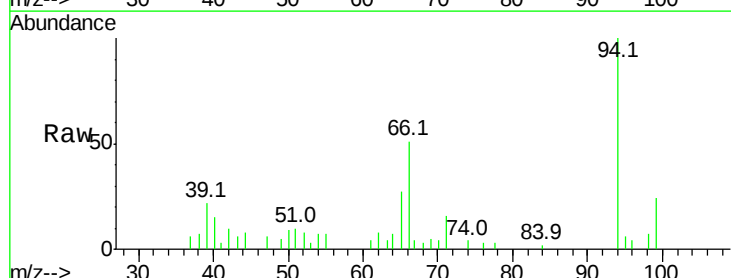
Tgt Ion: 94 Resp: 12546

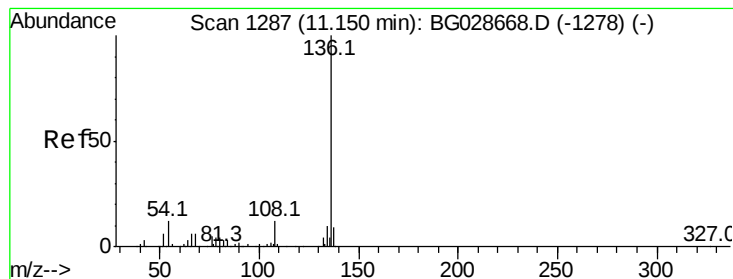
Ion Ratio Lower Upper

94 100

65 27.1 20.6 60.6

66 50.7 35.5 75.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028914.D

Acq: 25 Sep 2017 19:13

Instrument :

BNA_G

ClientSampleId :

EP-21

Tot Ion:136 Resp: 105591

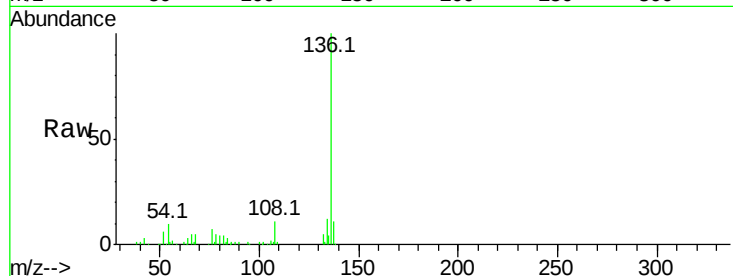
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.4 9.3 13.9

68 5.2 5.1 7.7

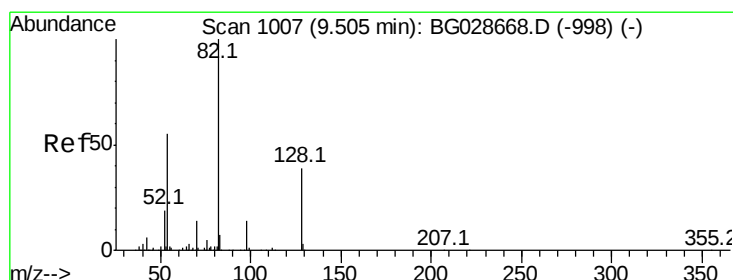
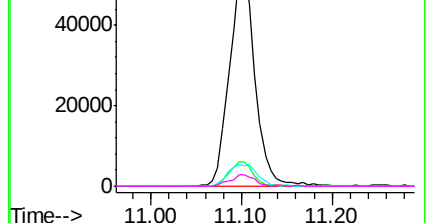
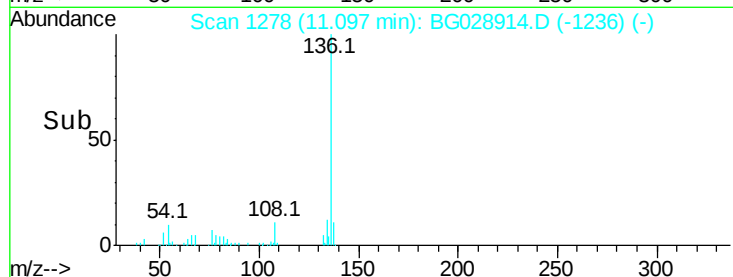


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 42.278 ng

RT: 9.45 min Scan# 998

Delta R.T. -0.05 min

Lab File: BG028914.D

Acq: 25 Sep 2017 19:13

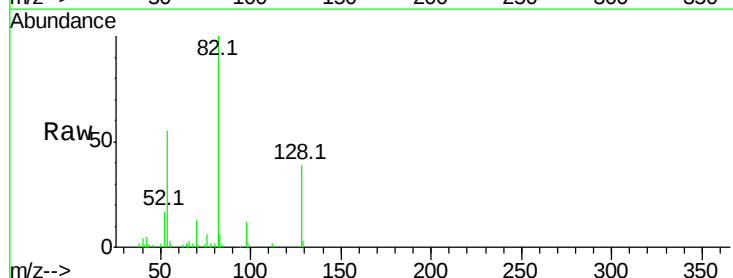
Tgt Ion: 82 Resp: 93319

Ion Ratio Lower Upper

82 100

128 39.3 26.4 39.6

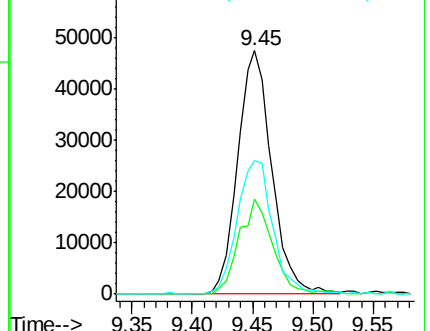
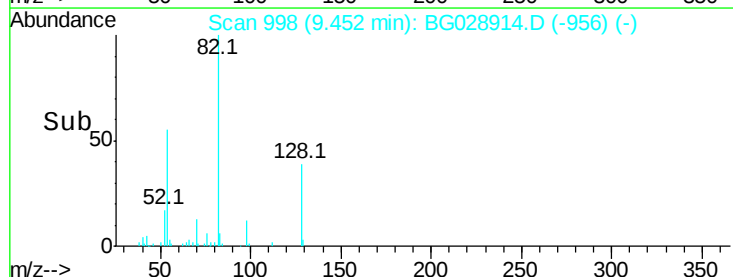
54 54.8 49.4 74.2

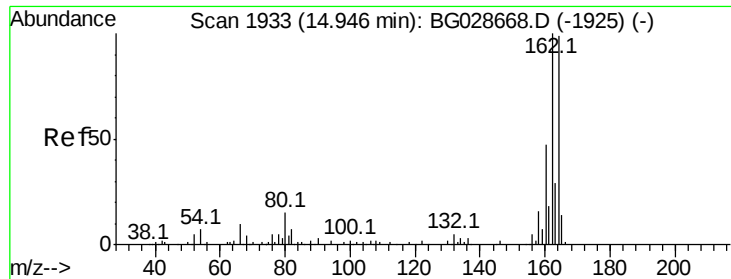


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

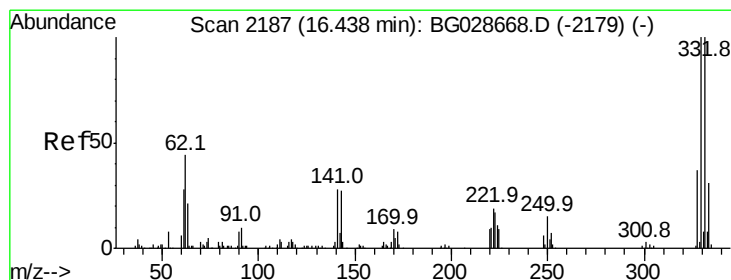
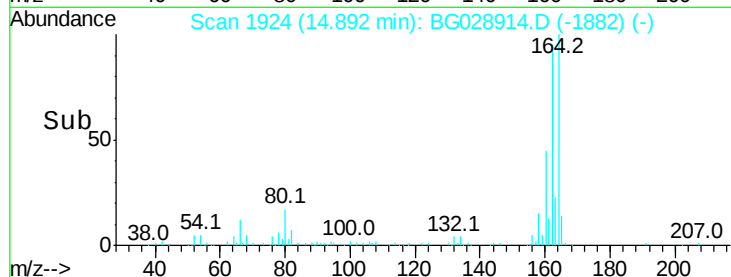
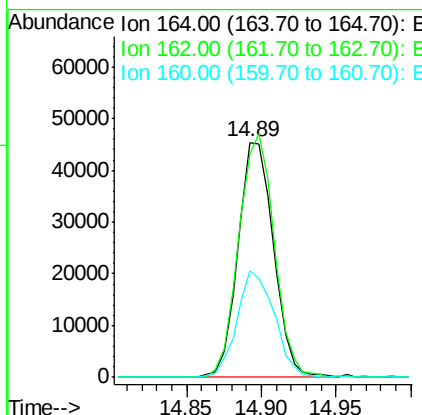
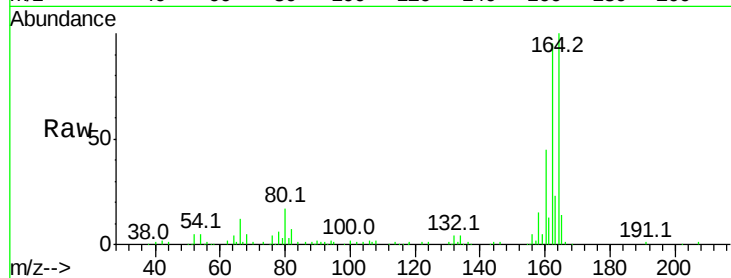




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028914.D
 Acq: 25 Sep 2017 19:13

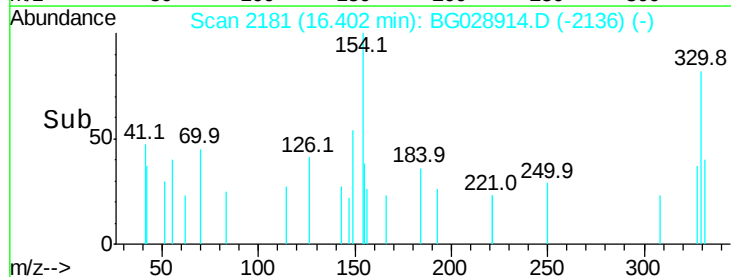
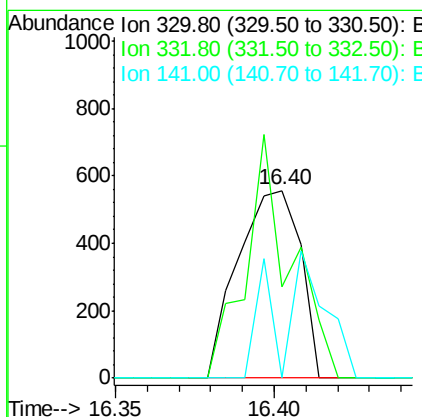
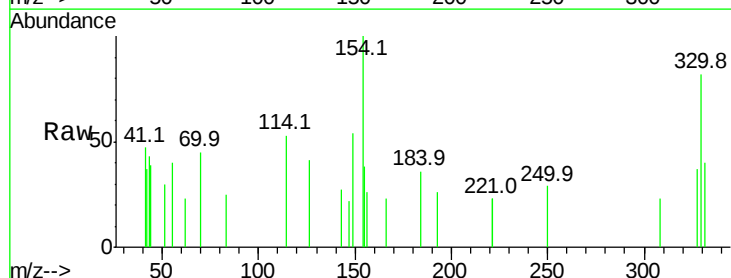
Instrument :
 BNA_G
 ClientSampleId :
 EP-21

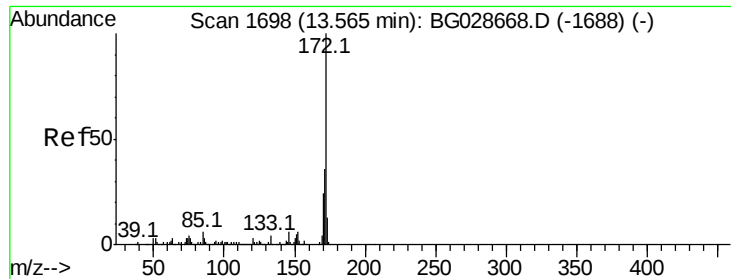
Tot Ion:164 Resp: 74917
 Ion Ratio Lower Upper
 164 100
 162 94.8 85.1 127.7
 160 45.1 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 0.613 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028914.D
 Acq: 25 Sep 2017 19:13

Tgt Ion:330 Resp: 759
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.3 115.9
 141 16.5 32.1 48.1#

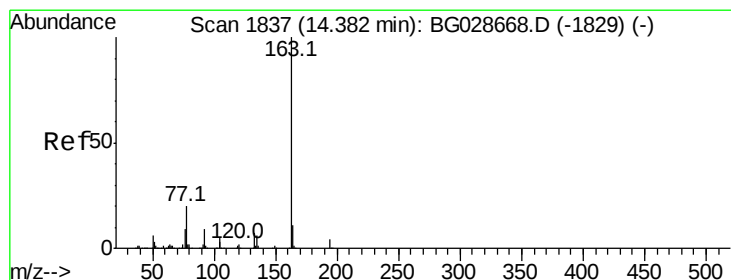
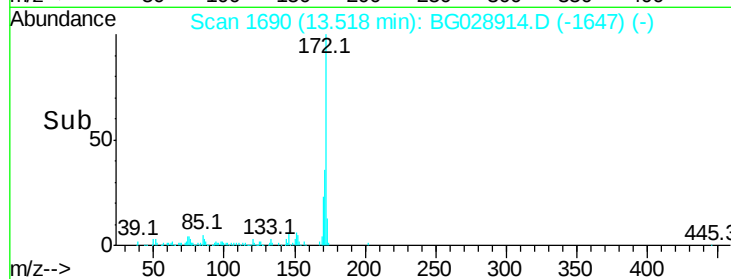
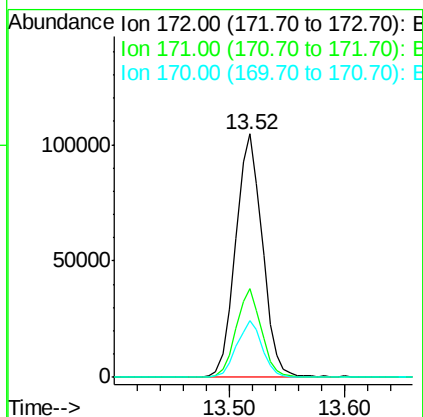
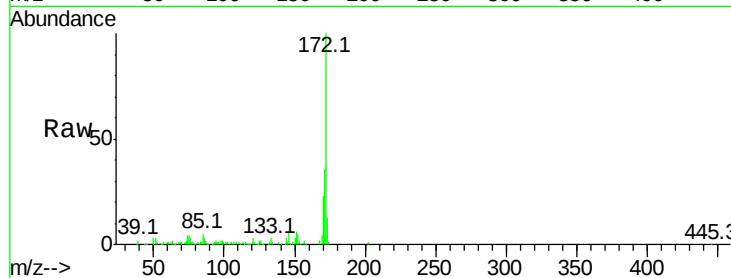




#44
2-Fluorobiphenyl
Concen: 29.993 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028914.D
Acq: 25 Sep 2017 19:13

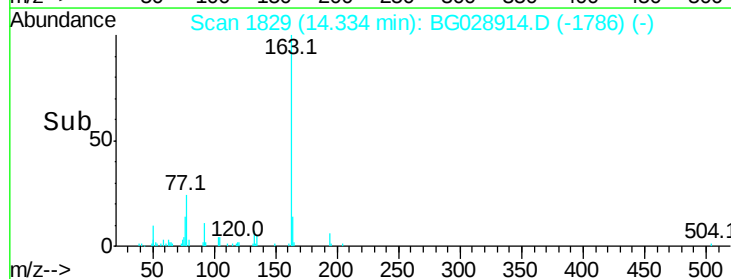
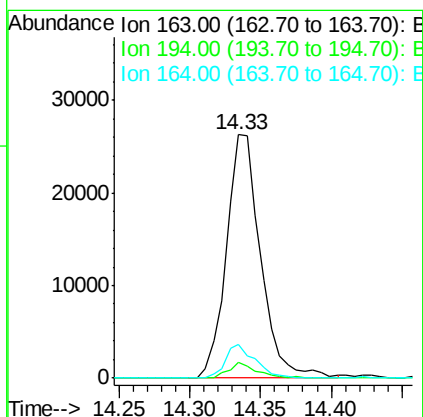
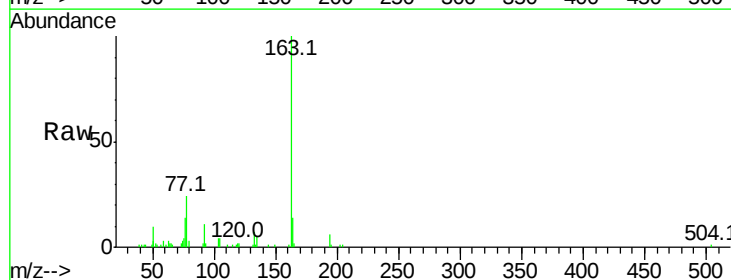
Instrument :
BNA_G
ClientSampleId :
EP-21

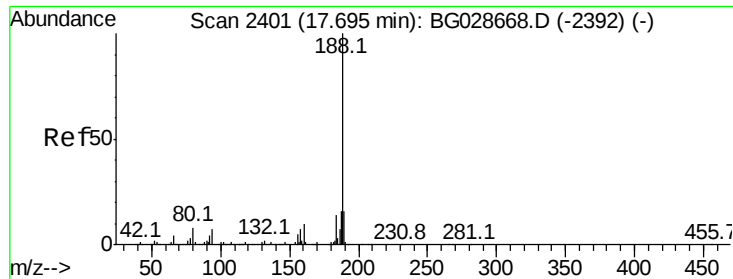
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	32.2	48.2
170	23.4	21.8	32.6



#49
Dimethylphthalate
Concen: 7.077 ng
RT: 14.33 min Scan# 1829
Delta R.T. -0.05 min
Lab File: BG028914.D
Acq: 25 Sep 2017 19:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.8	5.6#
164	13.7	9.3	13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028914.D

Acq: 25 Sep 2017 19:13

Instrument :

BNA_G

ClientSampleId :

EP-21

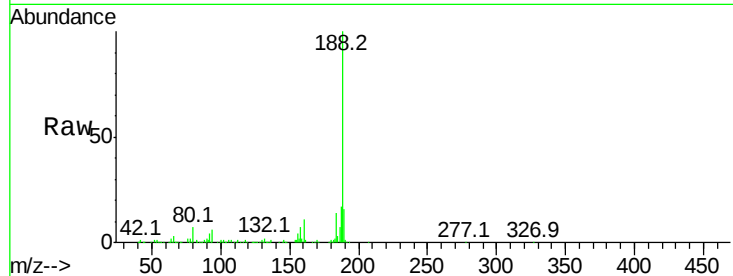
Tot Ion:188 Resp: 229033

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

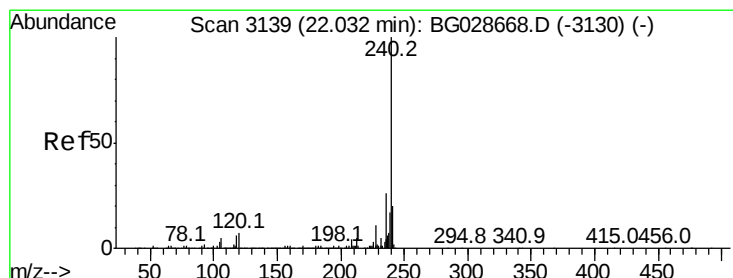
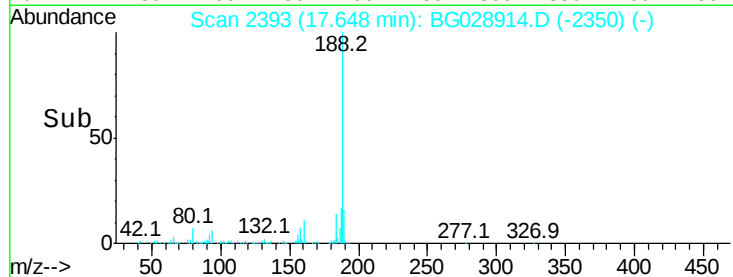
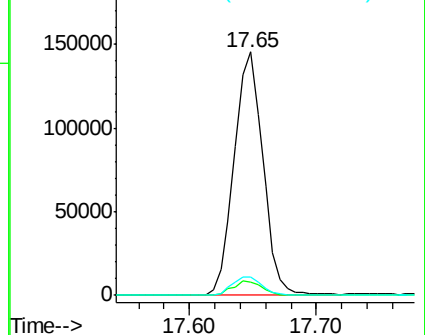
80 7.4 7.5 11.3#



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: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028914.D

Acq: 25 Sep 2017 19:13

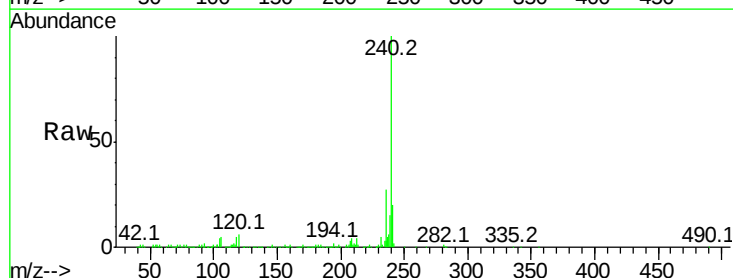
Tgt Ion:240 Resp: 269383

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

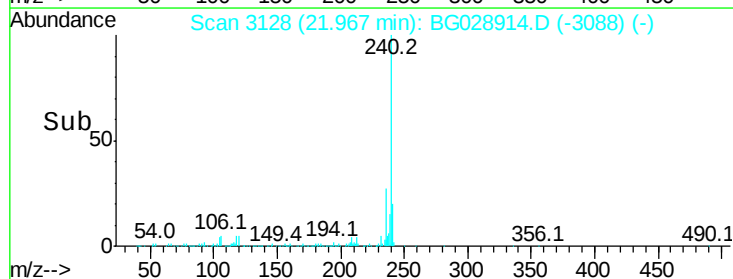
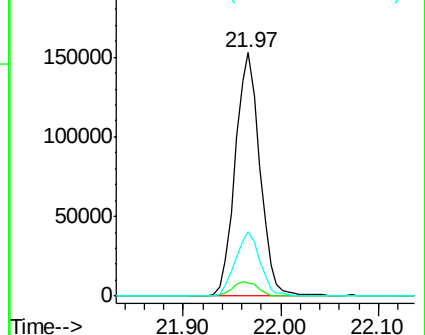
236 26.6 22.2 33.4

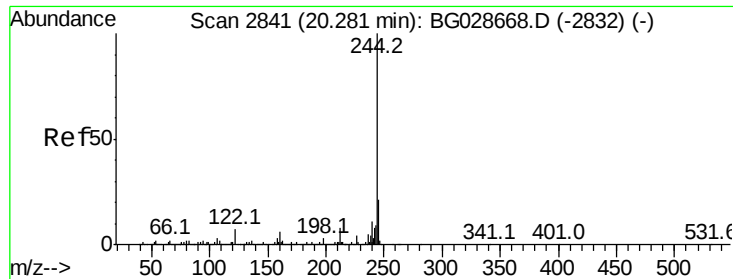


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 48.894 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028914.D

Acq: 25 Sep 2017 19:13

Instrument :

BNA_G

ClientSampleId :

EP-21

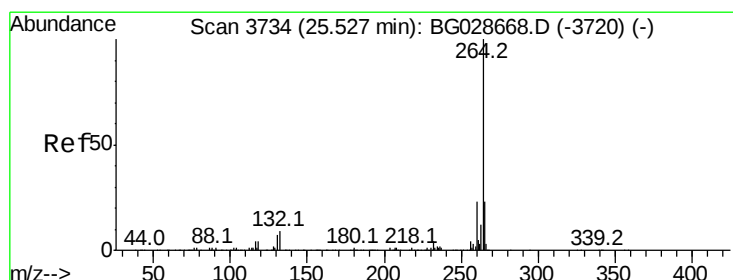
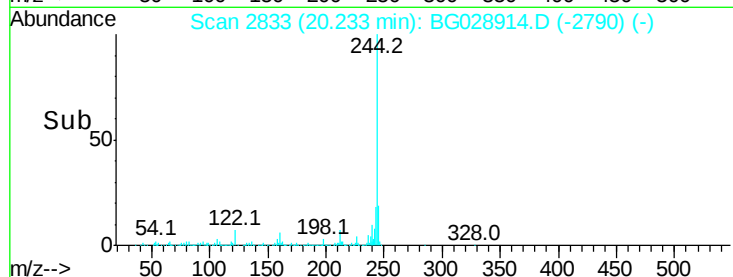
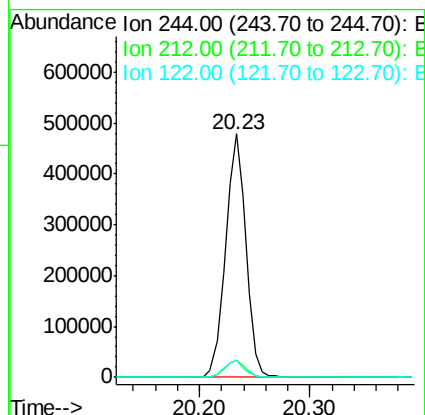
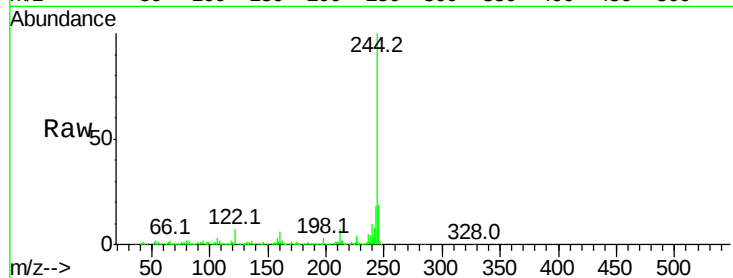
Tot Ion:244 Resp: 617625

Ion Ratio Lower Upper

244 100

212 7.0 10.0 15.0#

122 7.0 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028914.D

Acq: 25 Sep 2017 19:13

Tgt Ion:264 Resp: 275309

Ion Ratio Lower Upper

264 100

260 26.4 21.8 32.8

265 21.4 18.2 27.4

