

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020961.D
 Acq On : 19 Feb 2016 7:35
 Operator : SJ/UM
 Sample : H1453-05 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-3

Quant Time: Feb 19 10:06:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

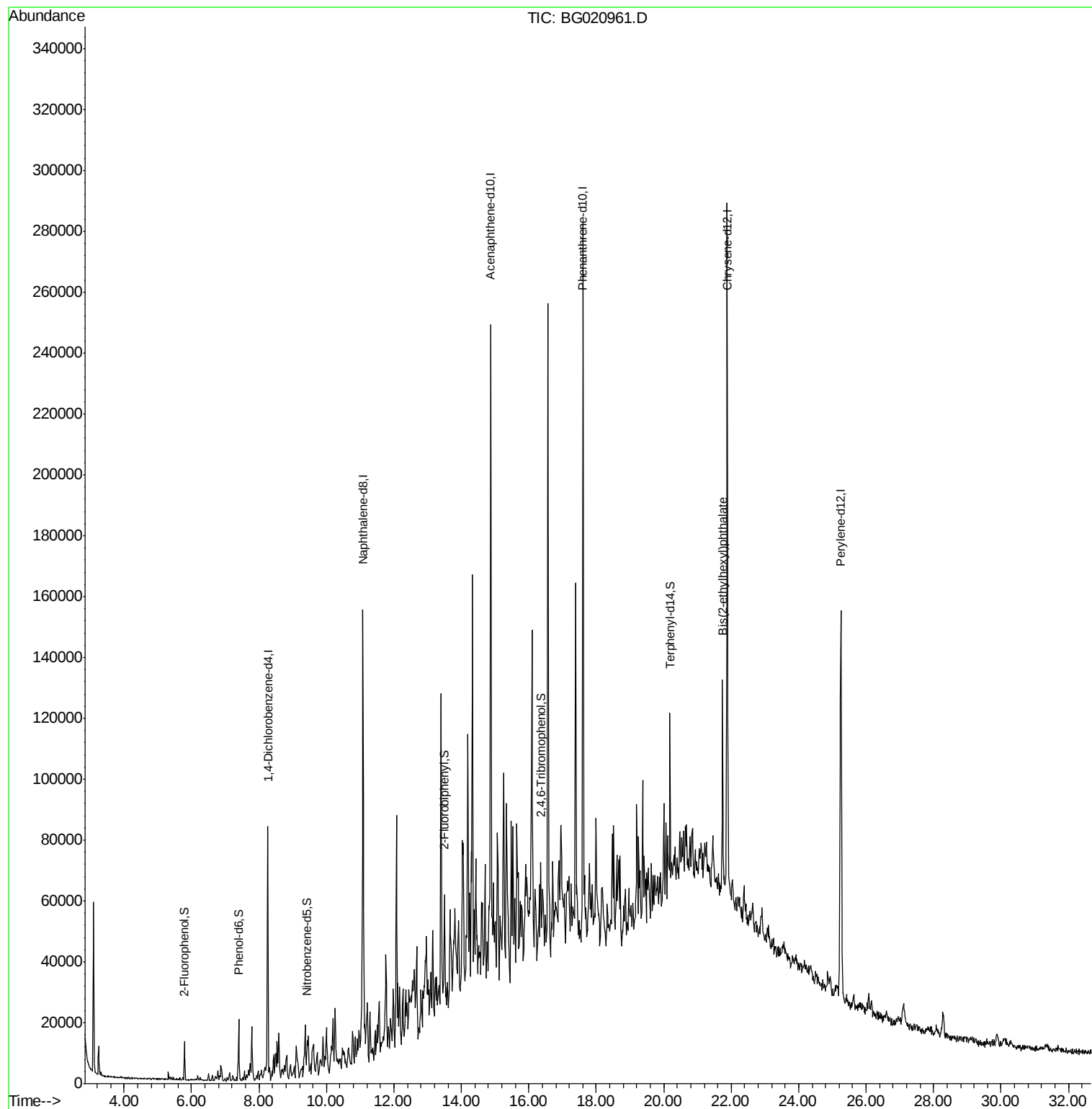
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	26780	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	134295	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	70363	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	132010	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	124381	20.00	ng	-0.02
86) Perylene-d12	25.25	264	120395	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	7889	4.96	ng	-0.01
7) Phenol-d6	7.40	99	11362	4.89	ng	-0.01
23) Nitrobenzene-d5	9.43	82	7607	3.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	3204	4.63	ng	-0.01
44) 2-Fluorobiphenyl	13.49	172	18951	3.78	ng	-0.02
78) Terphenyl-d14	20.18	244	18469	3.46	ng	-0.02
Target Compounds						Qvalue
83) Bis(2-ethylhexyl)phthalate	21.74	149	29046	4.99	ng	# 97

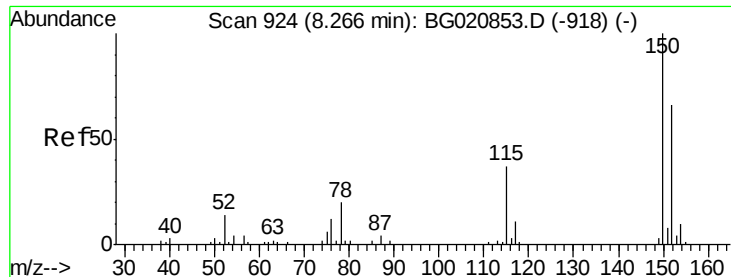
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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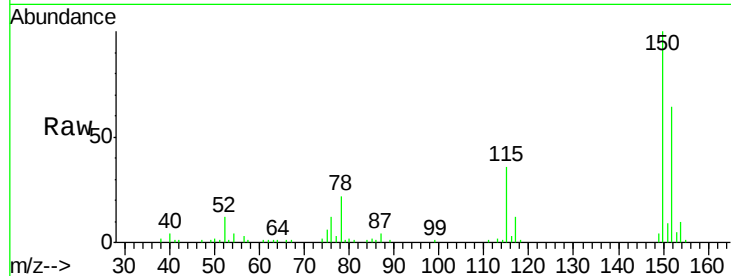


#1

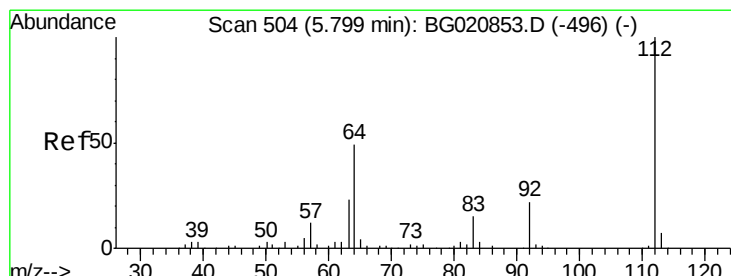
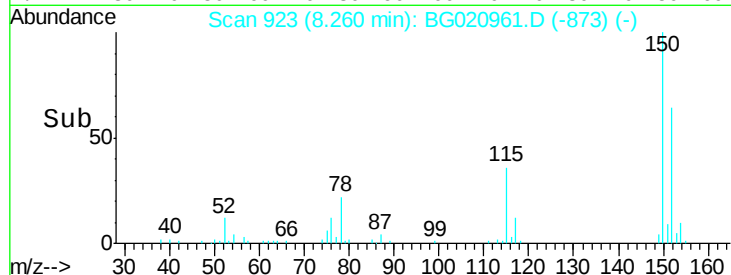
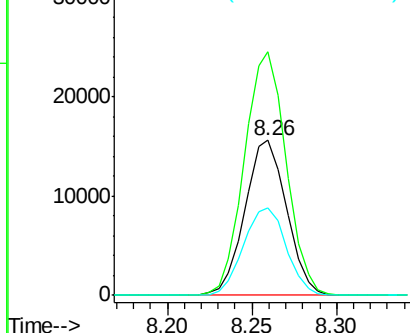
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020961.D
Acq: 19 Feb 2016 7:35

Instrument :
BNA_G
ClientSampleId :
EGR-A-3

Tot Ion:152 Resp: 26780
Ion Ratio Lower Upper
152 100
150 157.2 122.0 183.0
115 56.5 45.2 67.8



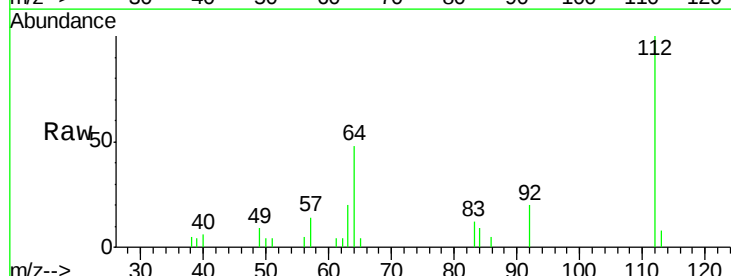
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



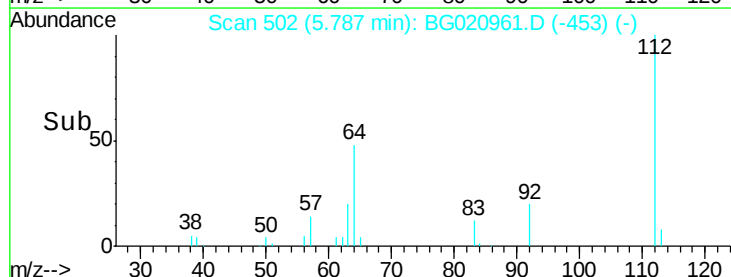
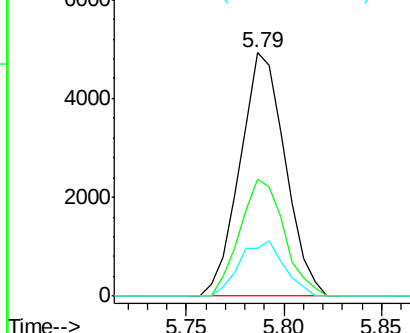
#5

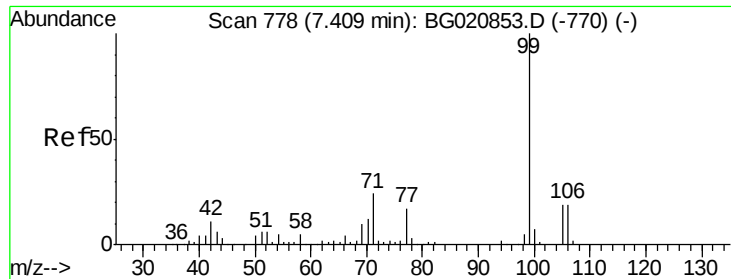
2-Fluorophenol
Concen: 4.96 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020961.D
Acq: 19 Feb 2016 7:35

Tgt Ion:112 Resp: 7889
Ion Ratio Lower Upper
112 100
64 47.9 39.3 58.9
63 19.8 18.2 27.4



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: 4.89 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020961.D

Acq: 19 Feb 2016 7:35

Instrument :

BNA_G

ClientSampleId :

EGR-A-3

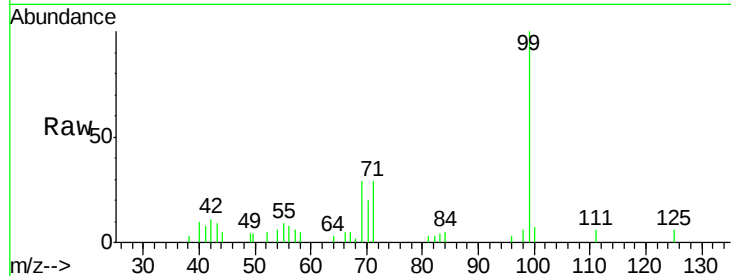
Tot Ion: 99 Resp: 11362

Ion Ratio Lower Upper

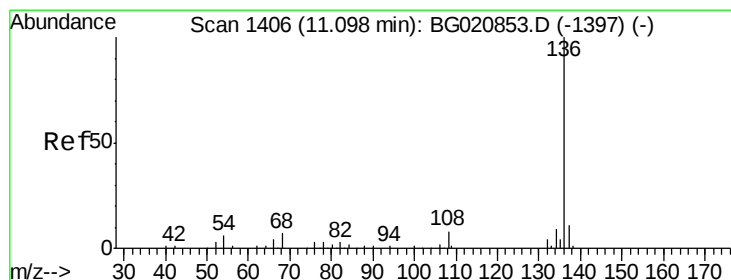
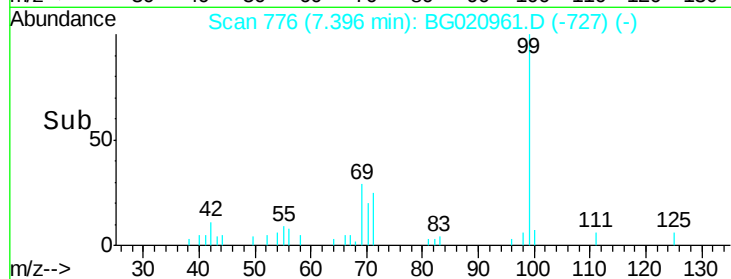
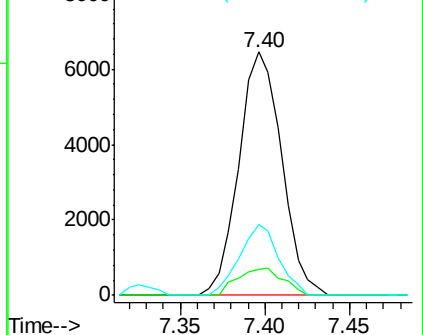
99 100

42 10.7 8.4 12.6

71 29.0 19.4 29.0



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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG020961.D

Acq: 19 Feb 2016 7:35

Tgt Ion: 136 Resp: 134295

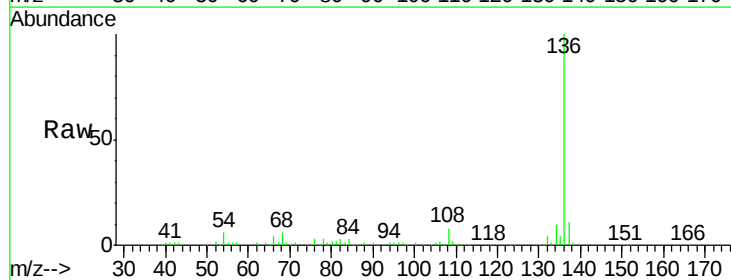
Ion Ratio Lower Upper

136 100

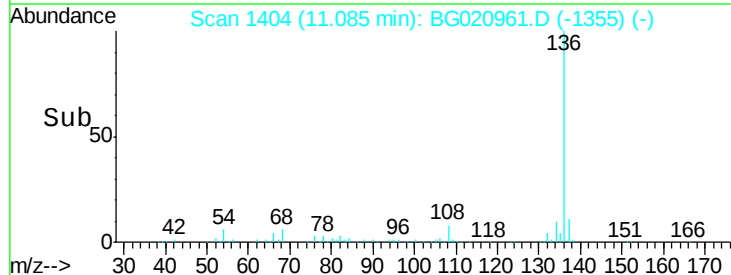
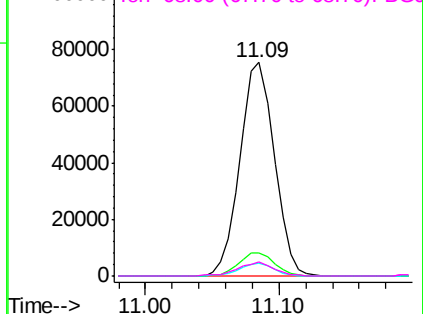
137 10.8 8.8 13.2

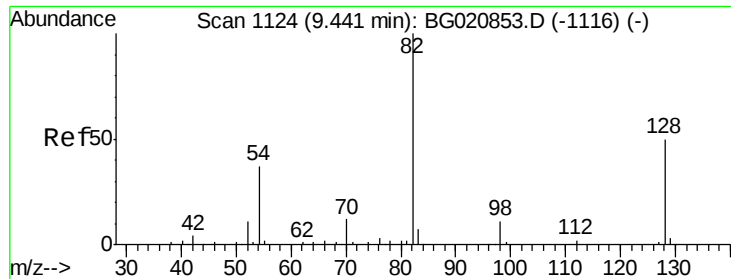
54 6.2 5.0 7.4

68 6.3 5.2 7.8



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

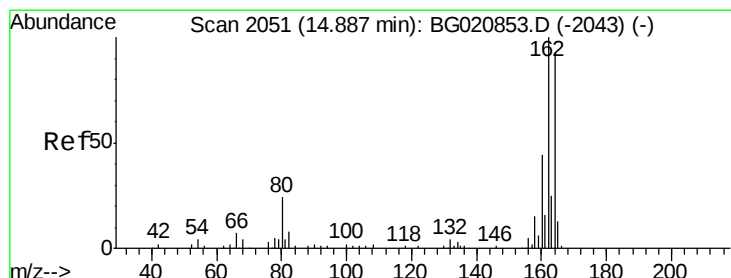
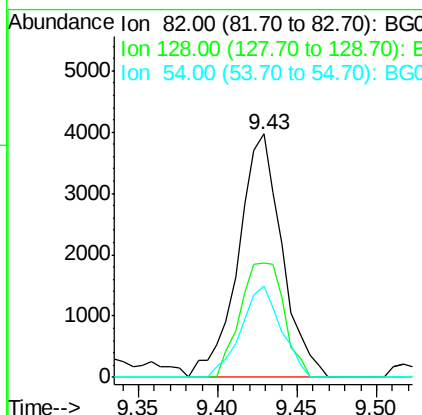
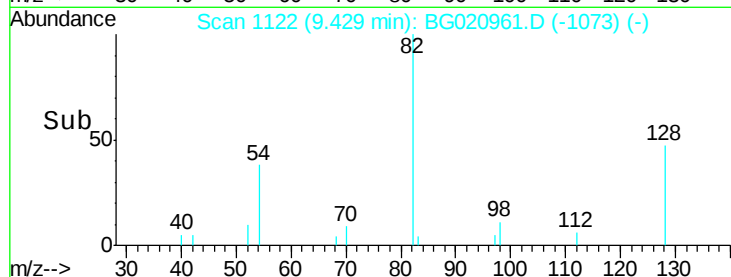
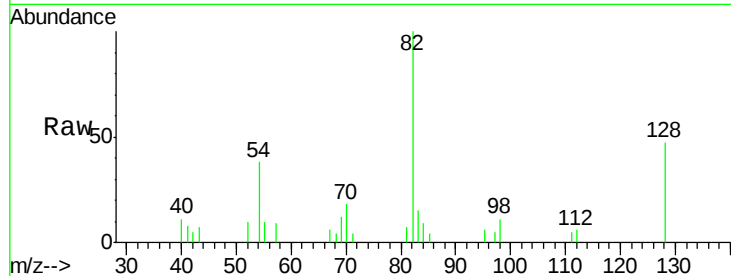




#23
 Nitrobenzene-d5
 Concen: 3.72 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020961.D
 Acq: 19 Feb 2016 7:35

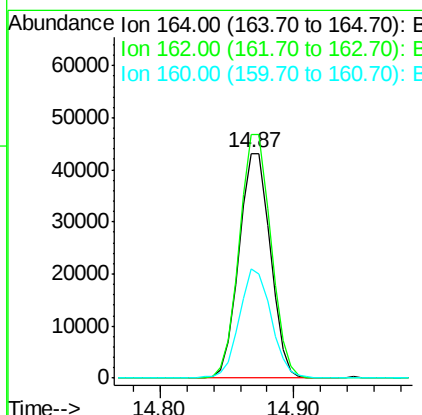
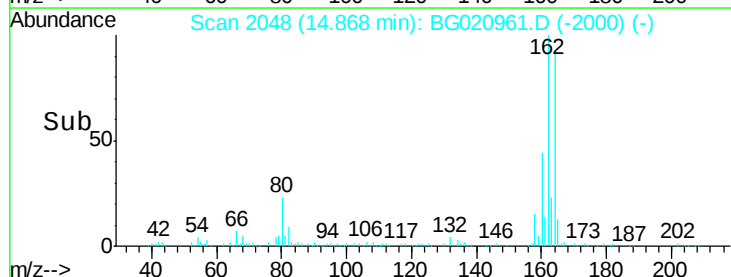
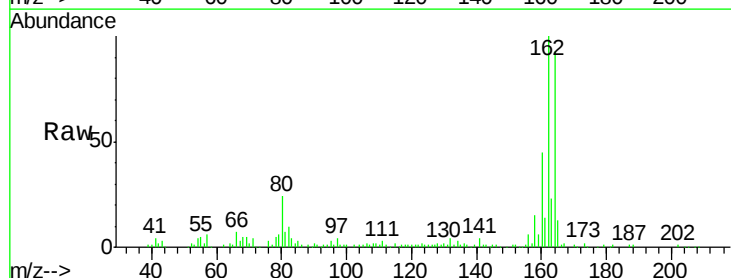
Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-3

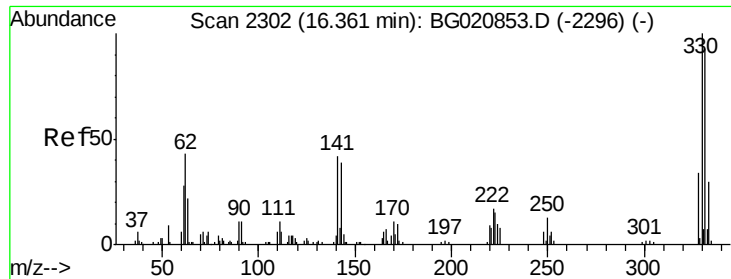
Tot Ion	82	Resp	7607
Ion Ratio	Lower	Upper	
82	100		
128	47.1	40.1	60.1
54	37.8	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020961.D
 Acq: 19 Feb 2016 7:35

Tgt Ion	164	Resp	70363
Ion Ratio	Lower	Upper	
164	100		
162	108.0	85.7	128.5
160	48.4	37.4	56.0

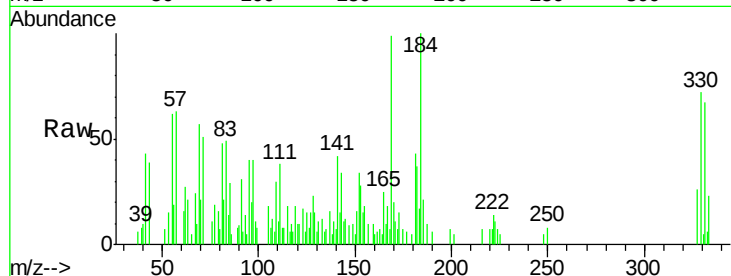




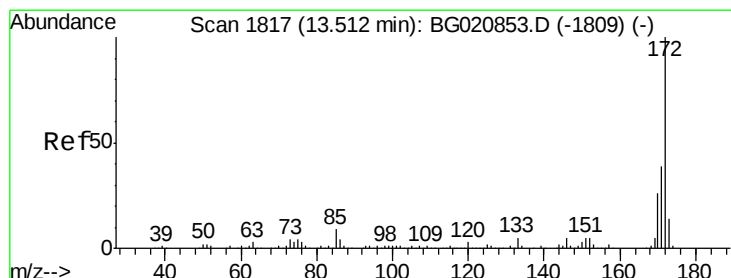
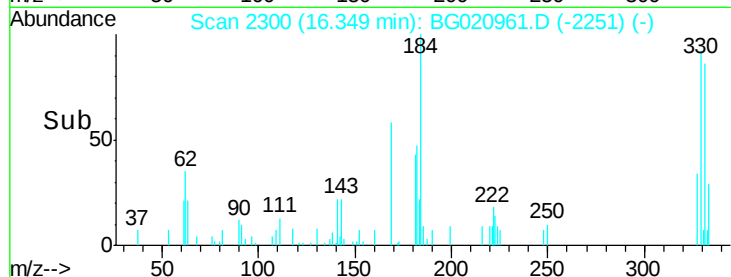
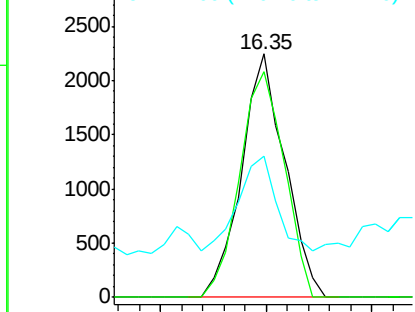
#41
 2,4,6-Tribromophenol
 Concen: 4.63 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020961.D
 Acq: 19 Feb 2016 7:35

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.1	114.1
141	41.1	32.0	48.0

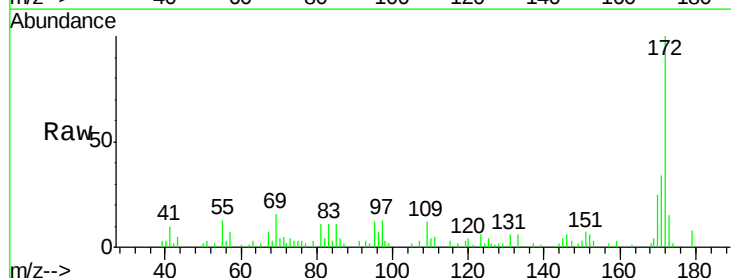


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

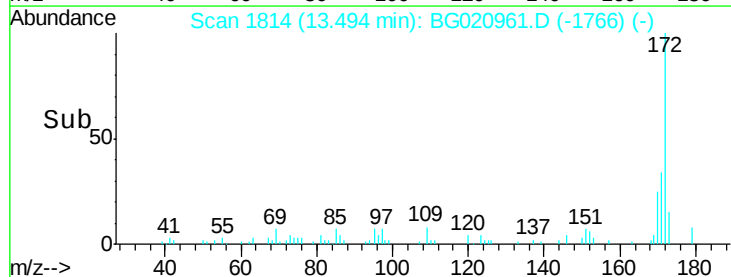
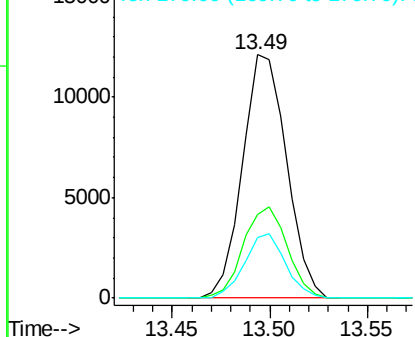


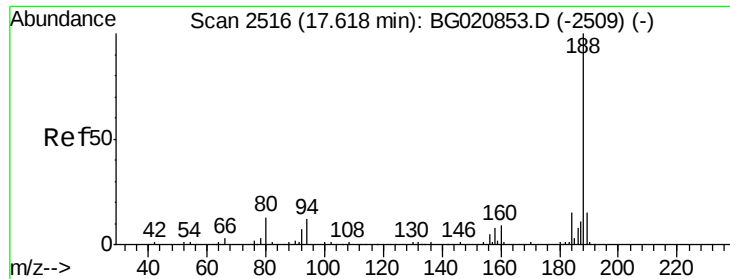
#44
 2-Fluorobiphenyl
 Concen: 3.78 ng
 RT: 13.49 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG020961.D
 Acq: 19 Feb 2016 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	31.2	46.8
170	24.7	20.6	30.8



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

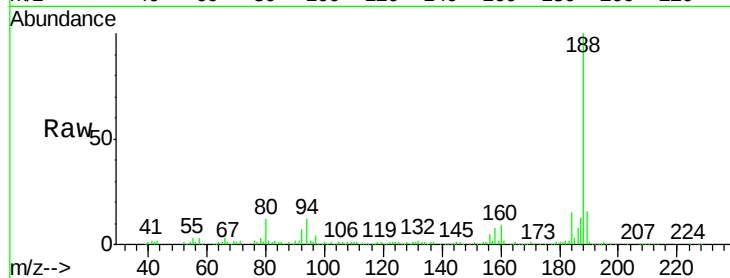




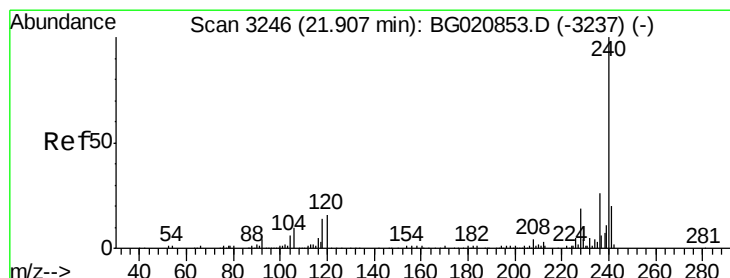
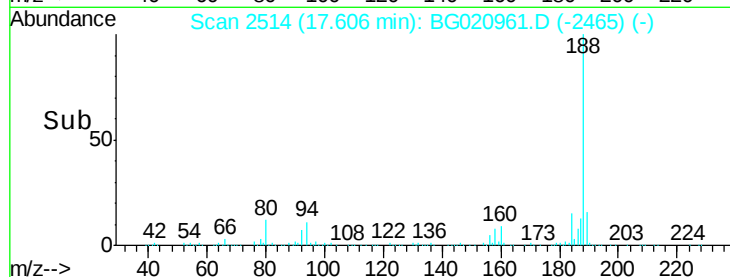
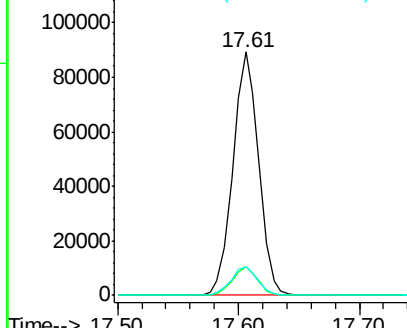
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020961.D
Acq: 19 Feb 2016 7:35

Instrument :
BNA_G
ClientSampleId :
EGR-A-3

Tot Ion:188 Resp: 132010
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.0
80 11.9 10.2 15.4

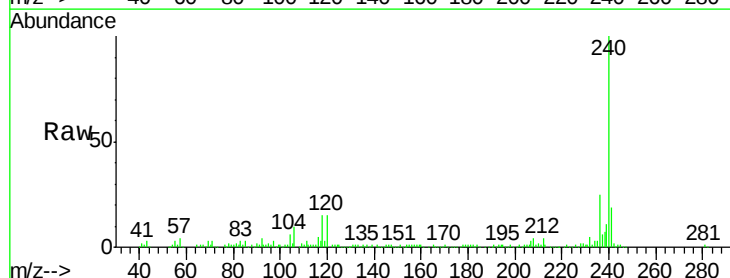


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

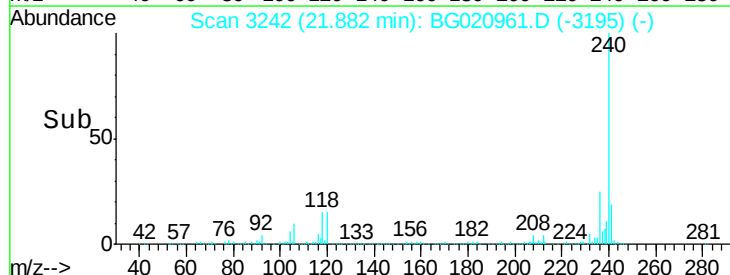
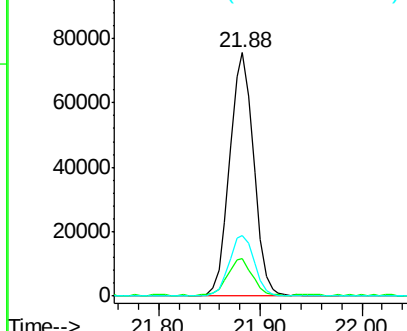


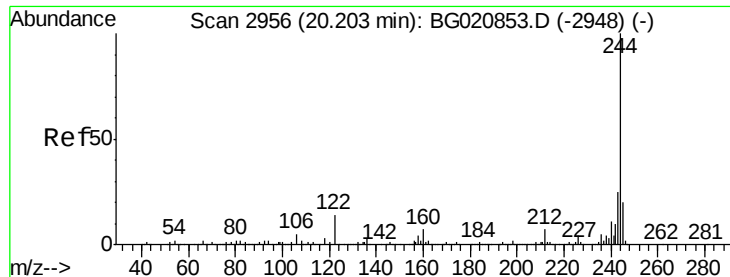
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020961.D
Acq: 19 Feb 2016 7:35

Tgt Ion:240 Resp: 124381
Ion Ratio Lower Upper
240 100
120 15.5 13.0 19.4
236 24.9 21.0 31.4



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: 3.46 ng

RT: 20.18 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG020961.D

Acq: 19 Feb 2016 7:35

Instrument :

BNA_G

ClientSampleId :

EGR-A-3

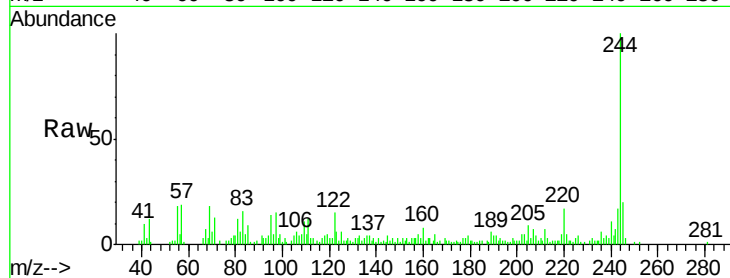
Tot Ion:244 Resp: 18469

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

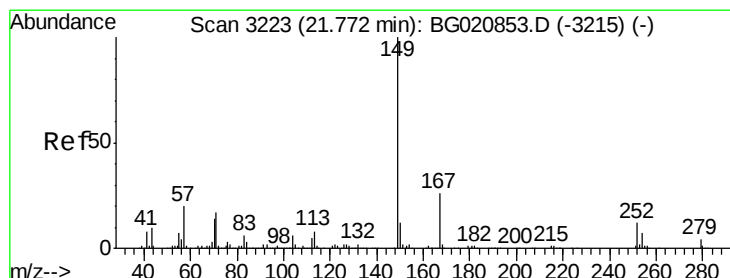
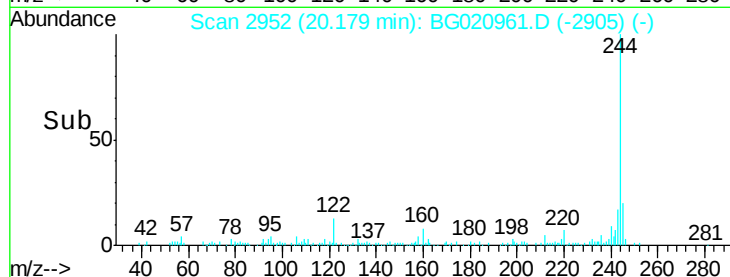
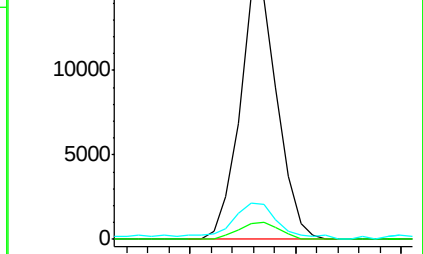
122 14.9 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.99 ng

RT: 21.74 min Scan# 3218

Delta R.T. -0.03 min

Lab File: BG020961.D

Acq: 19 Feb 2016 7:35

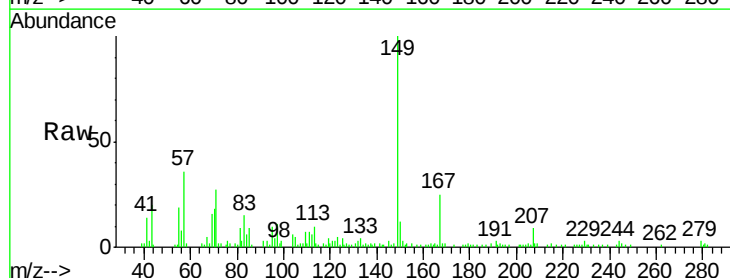
Tgt Ion:149 Resp: 29046

Ion Ratio Lower Upper

149 100

167 24.8 20.9 31.3

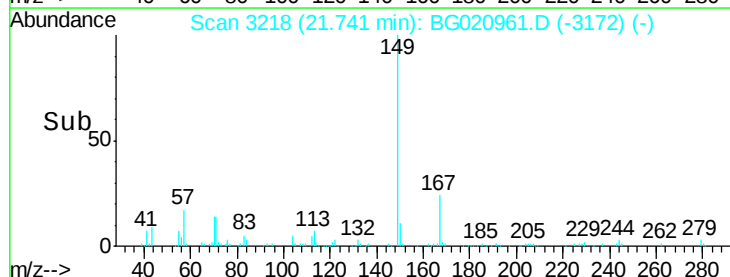
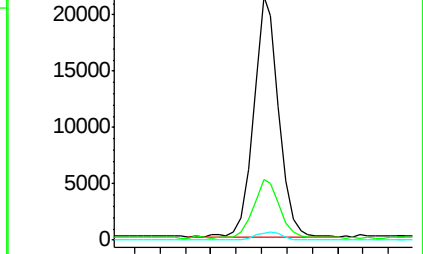
279 2.6 3.0 4.4#

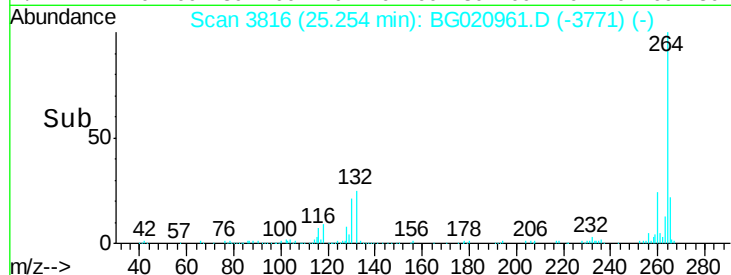
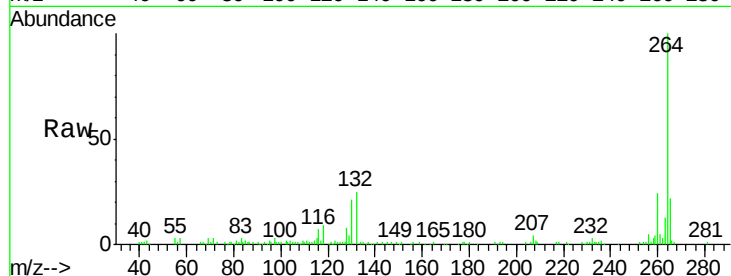
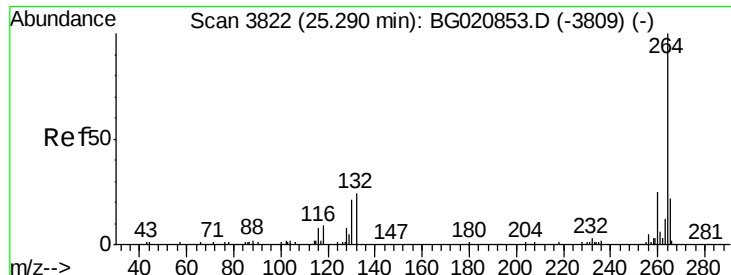


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3816
 Delta R.T. -0.04 min
 Lab File: BG020961.D
 Acq: 19 Feb 2016 7:35

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-3

Tot Ion:	264	Resp:	120395
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.9	29.9
265	21.6	18.0	27.0

