

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022924.D
 Acq On : 8 Jul 2016 10:04
 Operator : UM/SJ
 Sample : H3841-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 17:35:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

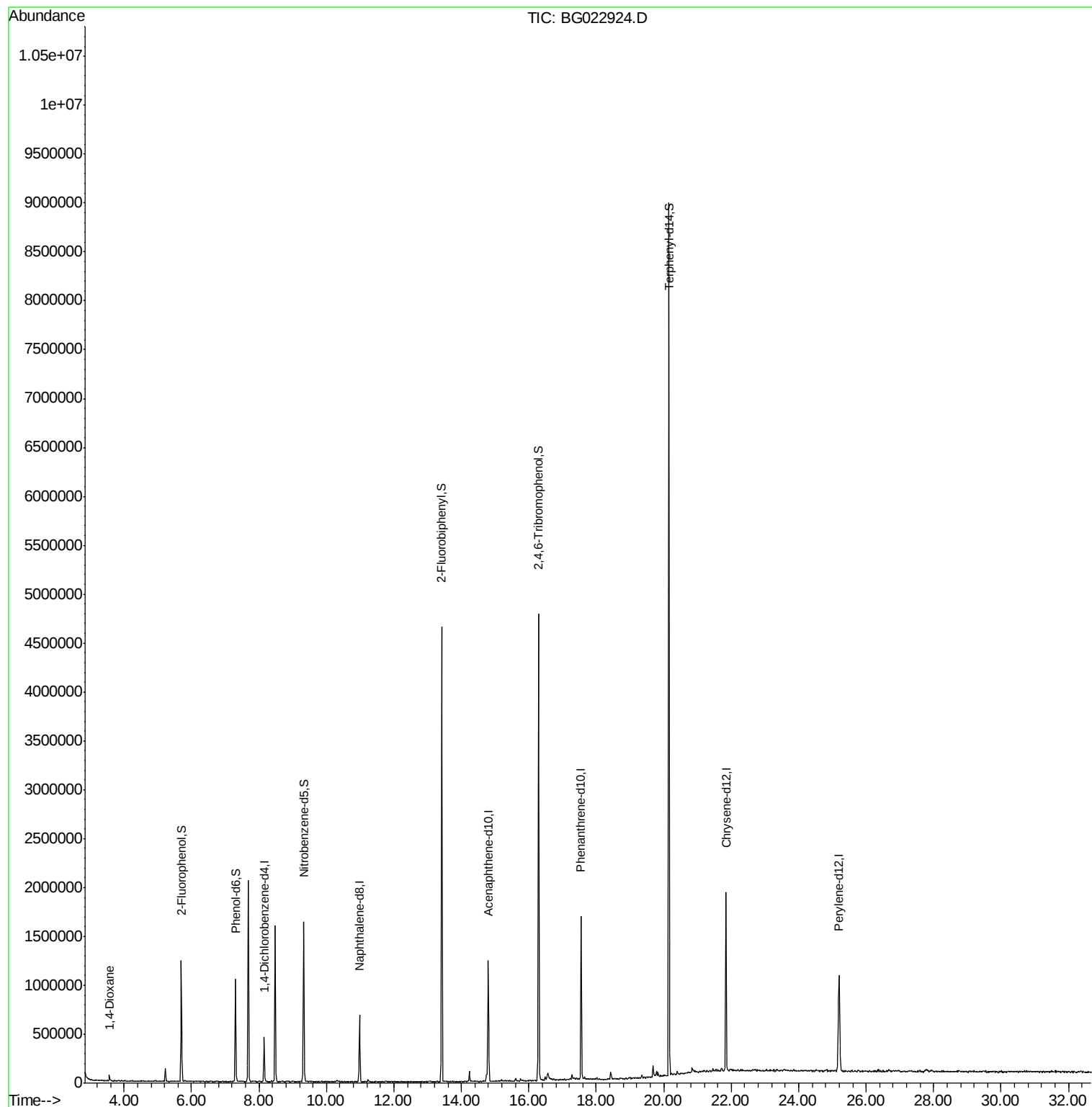
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	113776	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	535831	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	419913	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1019740	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1135047	20.00	ng	0.00
86) Perylene-d12	25.19	264	1154035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	509906	73.30	ng	0.00
7) Phenol-d6	7.30	99	580303	53.26	ng	0.00
23) Nitrobenzene-d5	9.32	82	1060299	84.73	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	920652	121.99	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2242622	84.12	ng	0.00
78) Terphenyl-d14	20.15	244	3185576	91.73	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.57	88	36212	13.39	ng	Qvalue 96

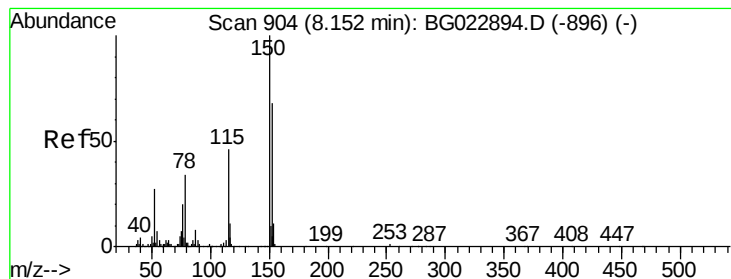
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 07 16:51:07 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022924.D

Acq: 8 Jul 2016 10:04

Instrument :

BNA_G

ClientSampleId :

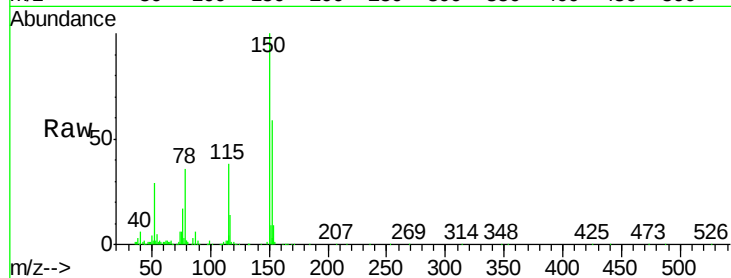
Tot Ion:152 Resp: 113776

Ion Ratio Lower Upper

152 100

150 169.5 144.7 217.1

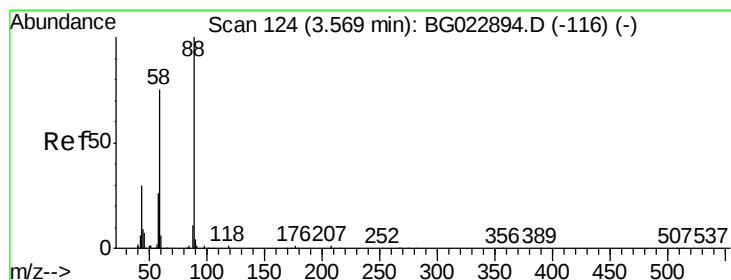
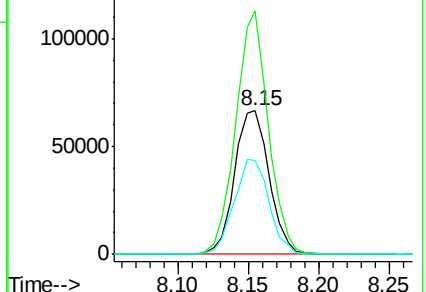
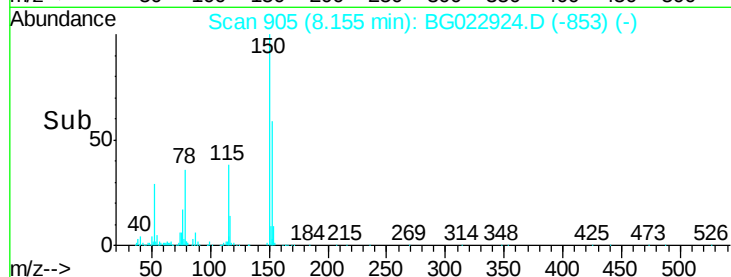
115 65.1 64.0 96.0



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



#2

1,4-Dioxane

Concen: 13.39 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG022924.D

Acq: 8 Jul 2016 10:04

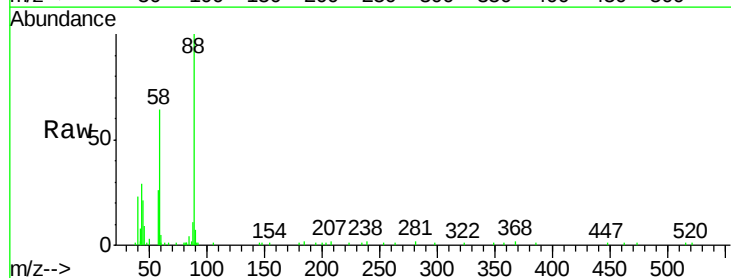
Tgt Ion: 88 Resp: 36212

Ion Ratio Lower Upper

88 100

58 74.0 60.4 90.6

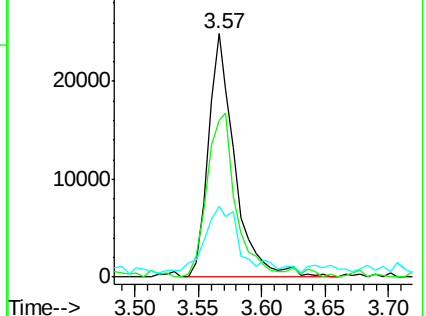
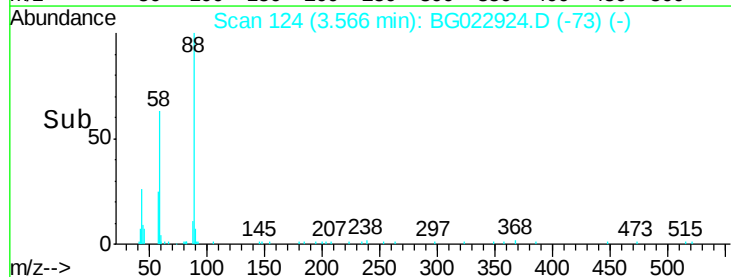
43 34.0 31.1 46.7

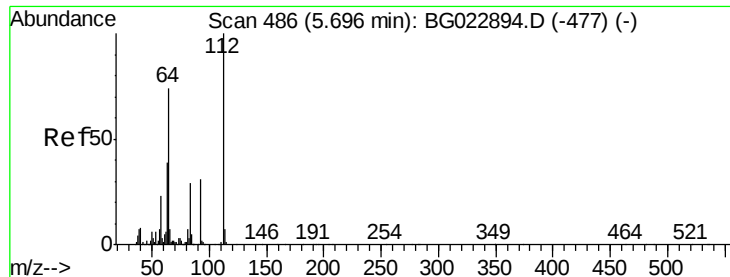


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 73.30 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022924.D

Acq: 8 Jul 2016 10:04

Instrument :

BNA_G

ClientSampleId :

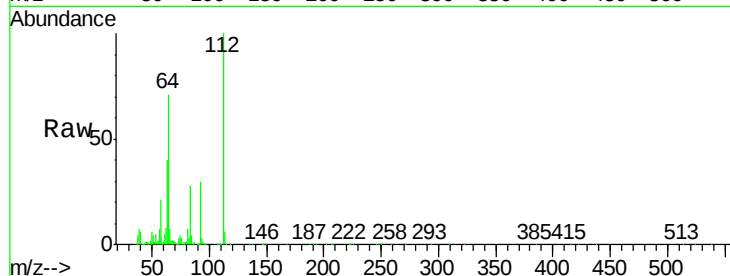
Tot Ion:112 Resp: 509906

Ion Ratio Lower Upper

112 100

64 71.1 59.0 88.4

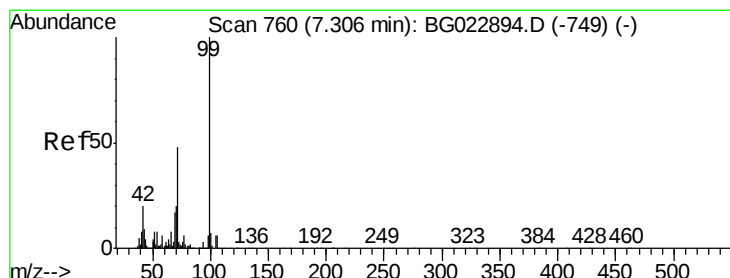
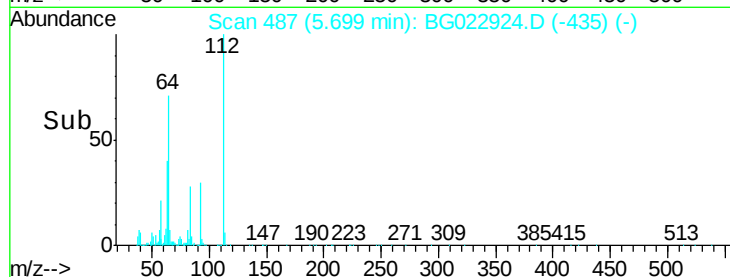
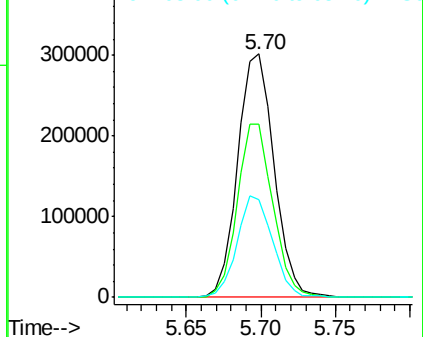
63 40.4 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 53.26 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022924.D

Acq: 8 Jul 2016 10:04

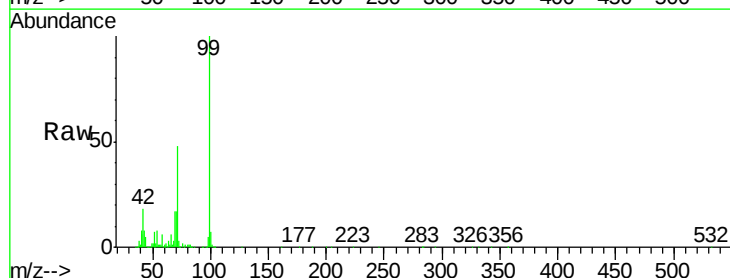
Tgt Ion: 99 Resp: 580303

Ion Ratio Lower Upper

99 100

42 17.8 17.8 26.6

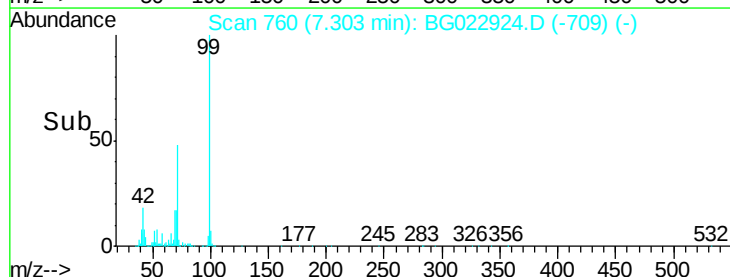
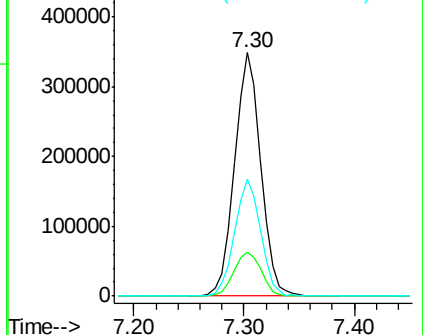
71 47.9 41.5 62.3

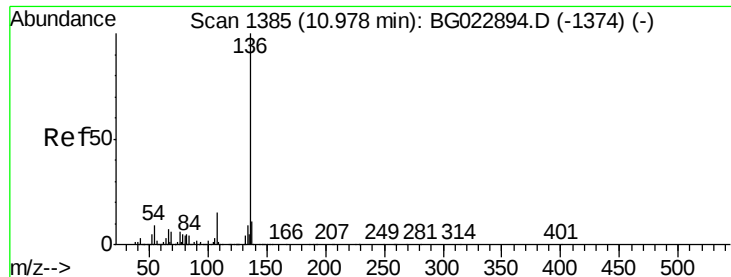


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

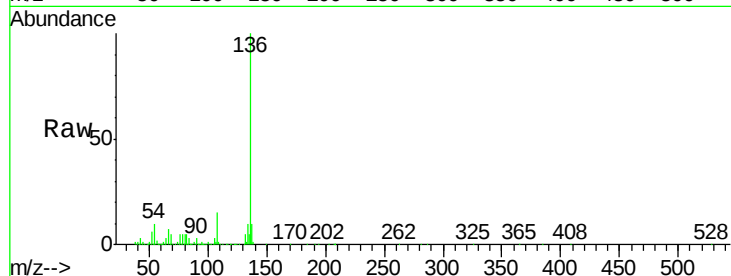




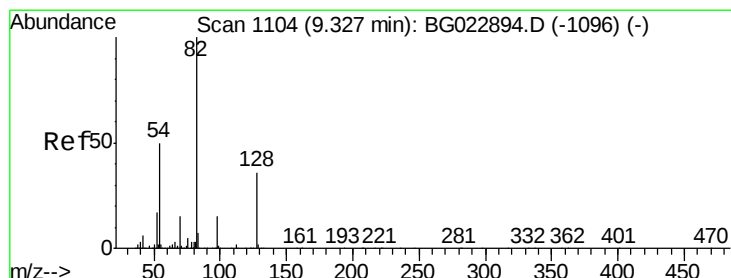
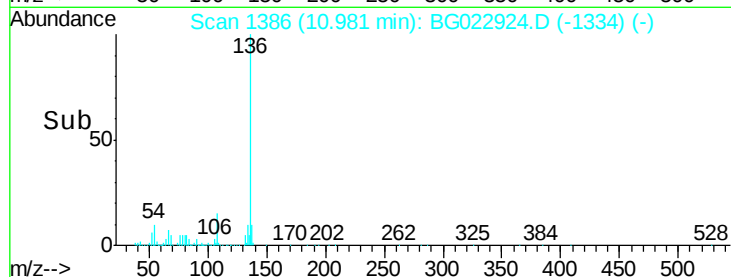
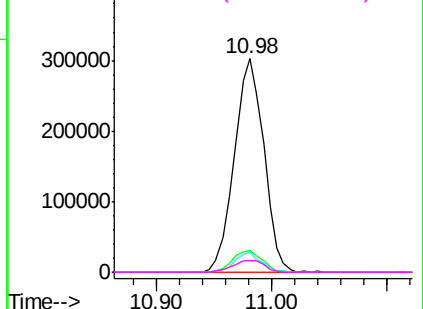
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022924.D
Acq: 8 Jul 2016 10:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	535831	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	9.6	14.4	
54 9.6	7.3	10.9	
68 5.4	5.3	7.9	

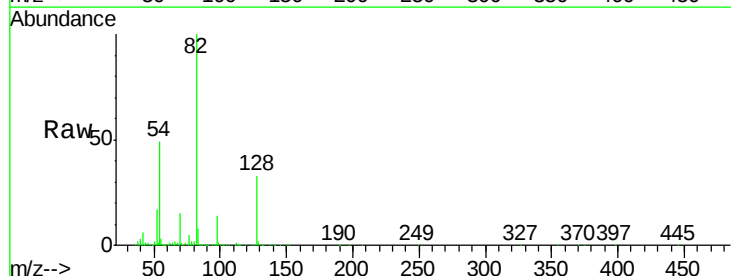


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

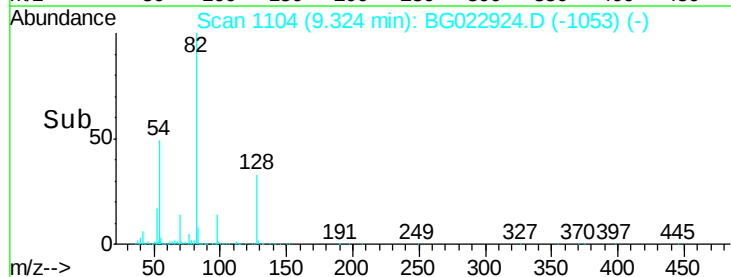
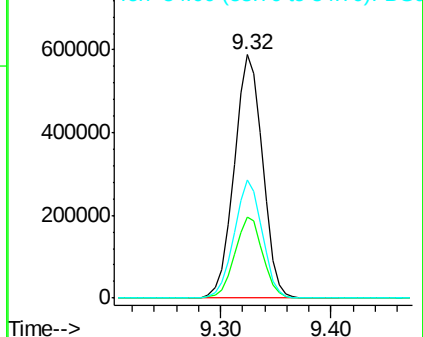


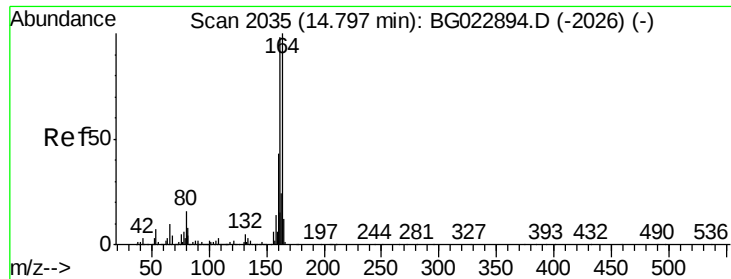
#23
Nitrobenzene-d5
Concen: 84.73 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022924.D
Acq: 8 Jul 2016 10:04

Tgt Ion: 82	Resp: 1060299
Ion Ratio	Lower Upper
82 100	
128 33.2	24.4 36.6
54 48.7	41.4 62.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022924.D

Acq: 8 Jul 2016 10:04

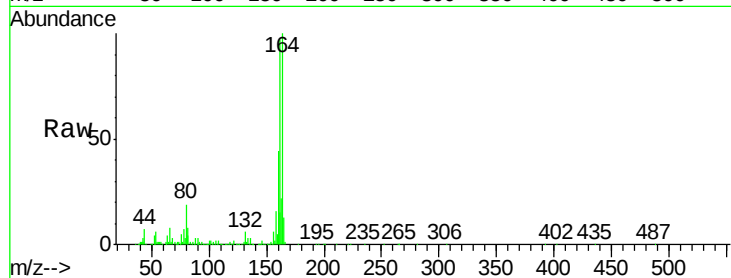
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 419913

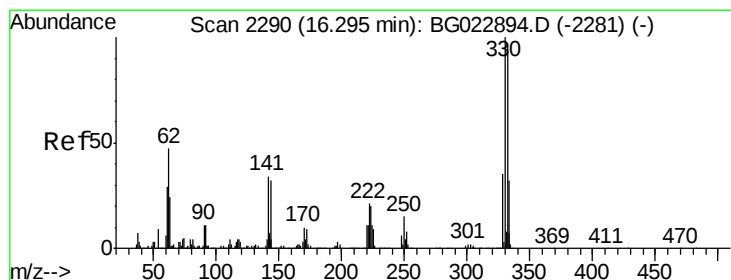
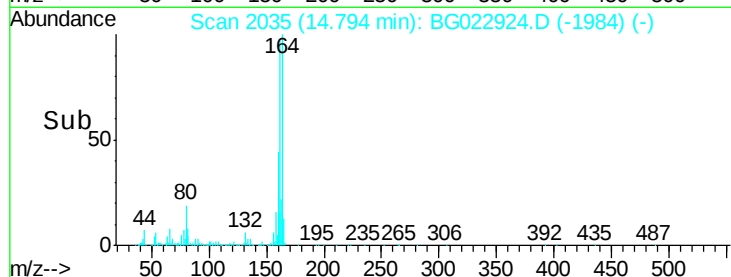
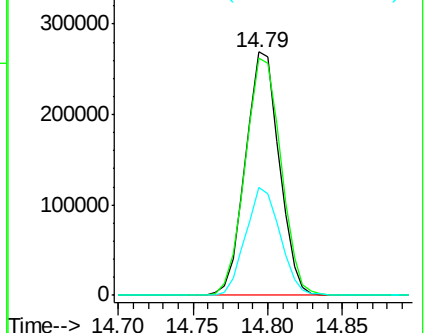
Ion	Ratio	Lower	Upper
164	100		
162	97.3	87.7	131.5
160	44.1	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 121.99 ng

RT: 16.29 min Scan# 2290

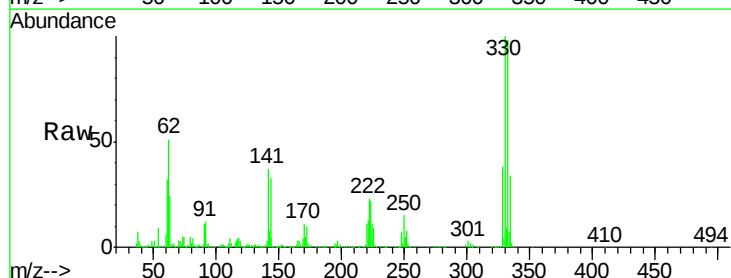
Delta R.T. -0.00 min

Lab File: BG022924.D

Acq: 8 Jul 2016 10:04

Tgt Ion:330 Resp: 920652

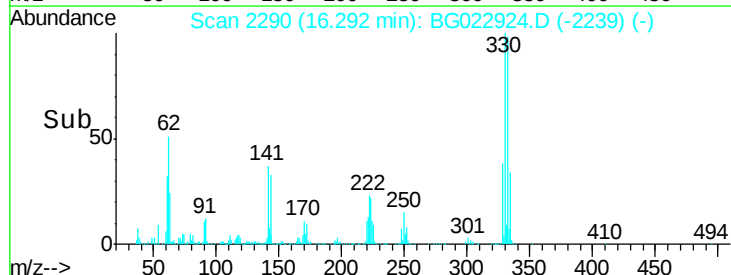
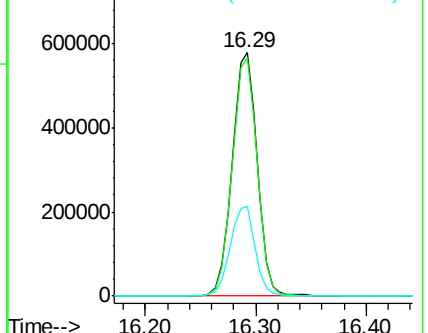
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	36.8	31.7	47.5

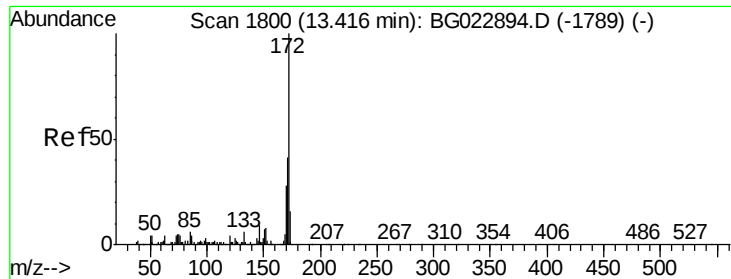


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

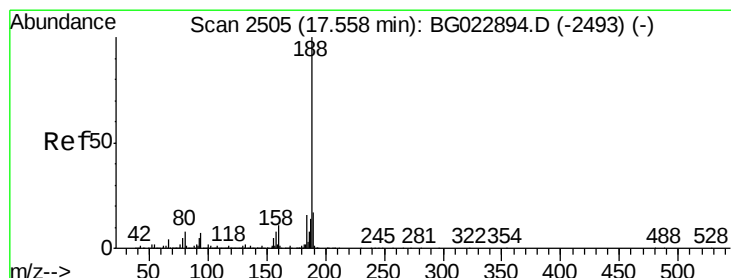
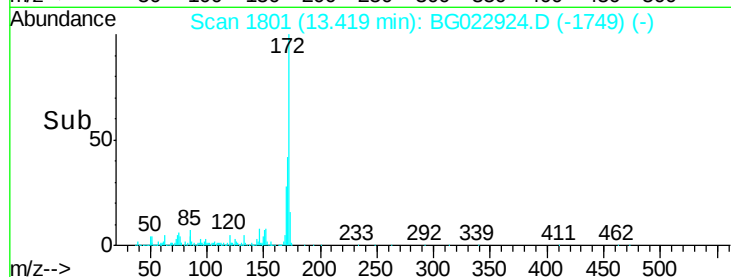
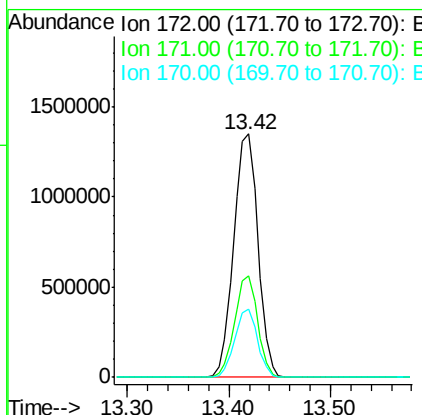
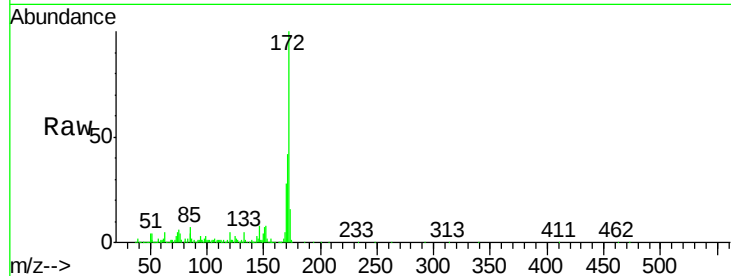




#44
 2-Fluorobiphenyl
 Concen: 84.12 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022924.D
 Acq: 8 Jul 2016 10:04

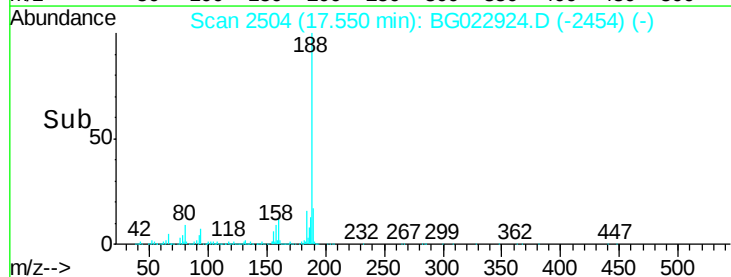
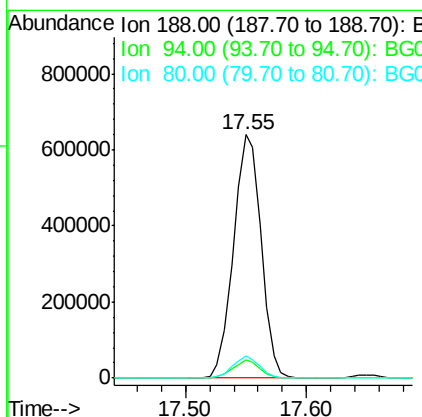
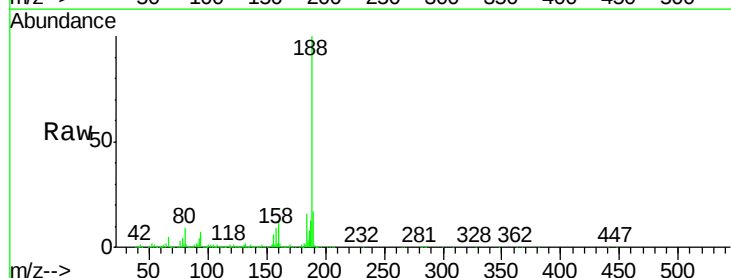
Instrument :
 BNA_G
 ClientSampleId :

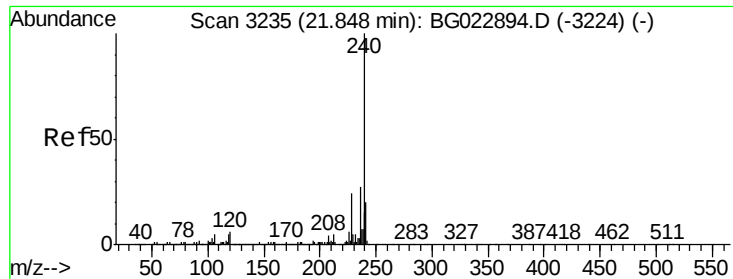
Tot Ion:172 Resp: 2242622
 Ion Ratio Lower Upper
 172 100
 171 41.7 31.6 47.4
 170 28.3 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG022924.D
 Acq: 8 Jul 2016 10:04

Tgt Ion:188 Resp: 1019740
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.2 7.8
 80 9.2 7.2 10.8

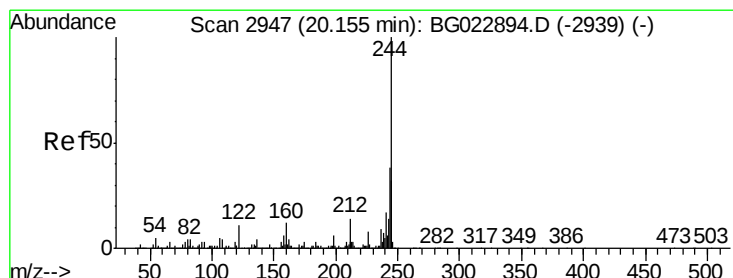
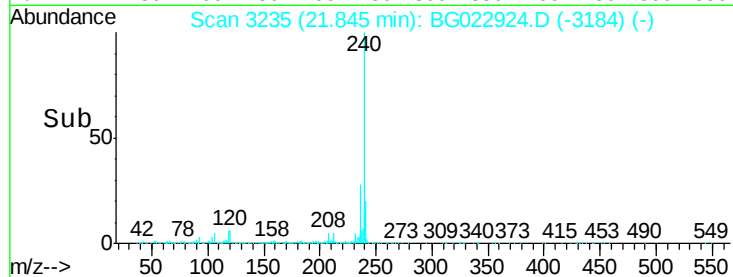
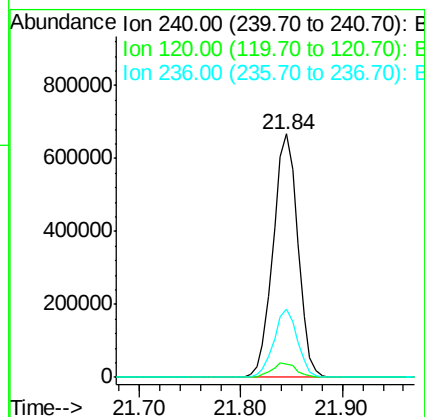
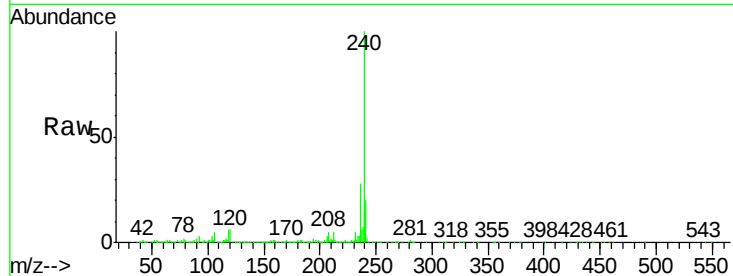




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022924.D
 Acq: 8 Jul 2016 10:04

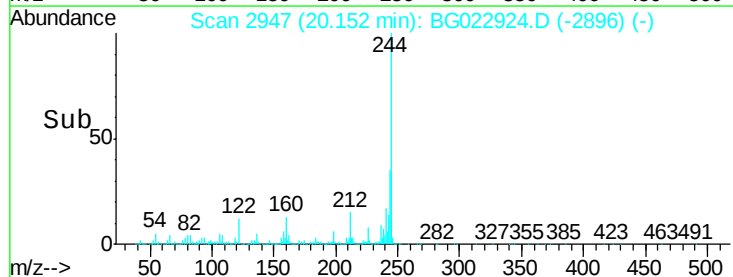
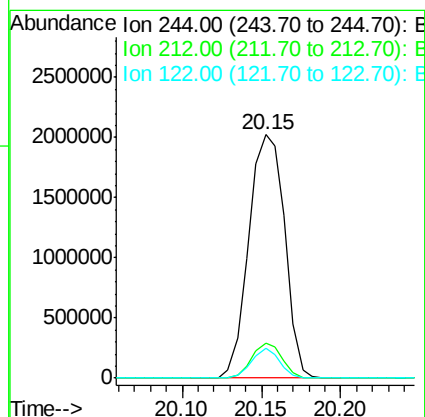
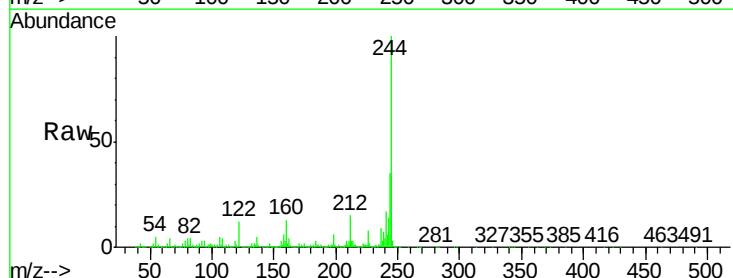
Instrument :
 BNA_G
 ClientSampleId :

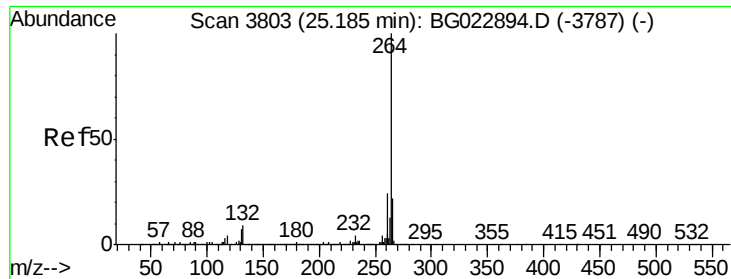
Tot Ion:240 Resp: 1135047
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.1 6.1
 236 28.2 21.1 31.7



#78
 Terphenyl-d14
 Concen: 91.73 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG022924.D
 Acq: 8 Jul 2016 10:04

Tgt Ion:244 Resp: 3185576
 Ion Ratio Lower Upper
 244 100
 212 14.6 10.8 16.2
 122 12.3 8.0 12.0#



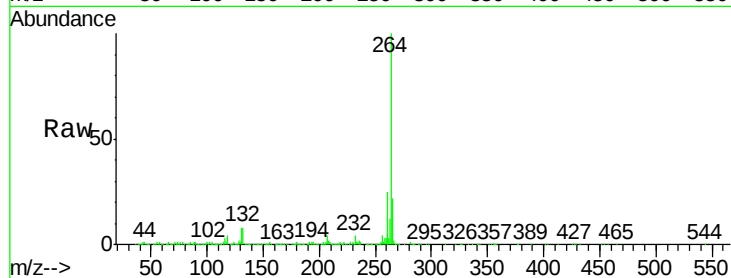


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BG022924.D
Acq: 8 Jul 2016 10:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1154035

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	21.6	18.9	28.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

