

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
 Data File : BG022684.D
 Acq On : 28 Jun 2016 20:26
 Operator : UM/SJ
 Sample : PB91509BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91509BL

Quant Time: Jun 29 03:57:19 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

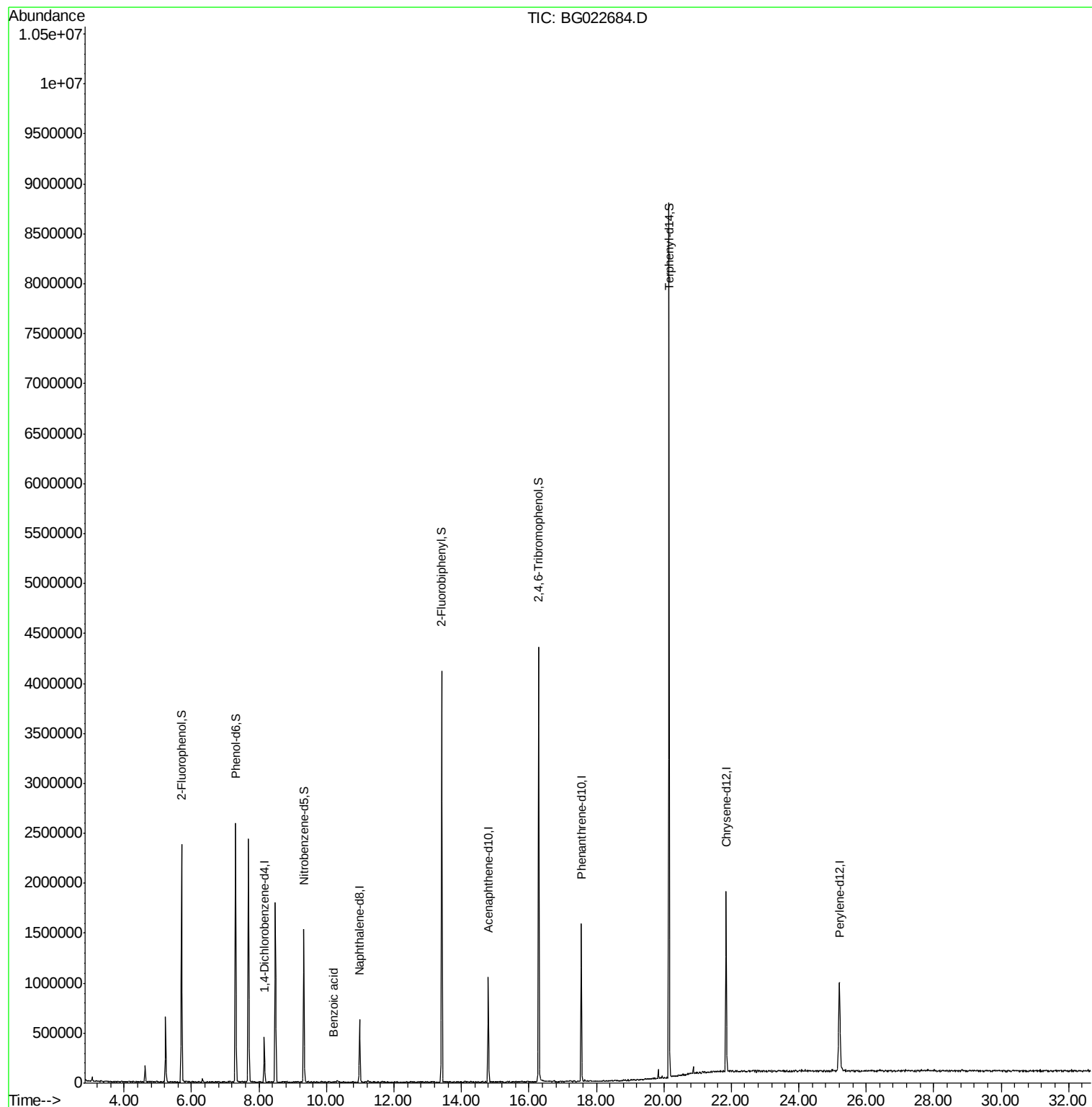
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	118825	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	487472	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	364202	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	972914	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1131505	20.00	ng	0.00
86) Perylene-d12	25.20	264	1109096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	974055	131.48	ng	0.00
7) Phenol-d6	7.31	99	1438237	137.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	983609	85.40	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	823441	143.75	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1983283	86.36	ng	0.00
78) Terphenyl-d14	20.15	244	3165020	74.11	ng	0.00
Target Compounds						
32) Benzoic acid	10.21	122	124	5.13	ng	Qvalue # 1

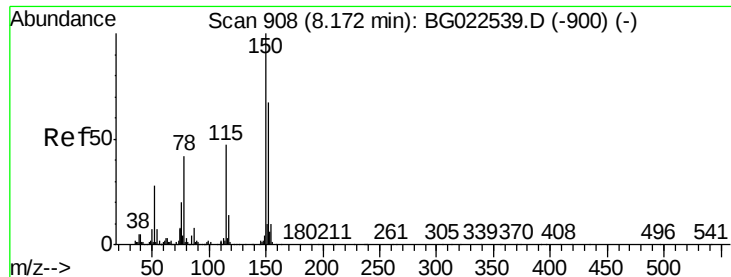
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

Instrument :

BNA_G

ClientSampleId :

PB91509BL

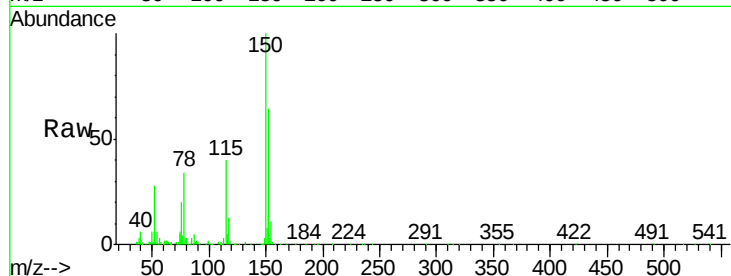
Tgt Ion:152 Resp: 118825

Ion Ratio Lower Upper

152 100

150 156.0 144.7 217.1

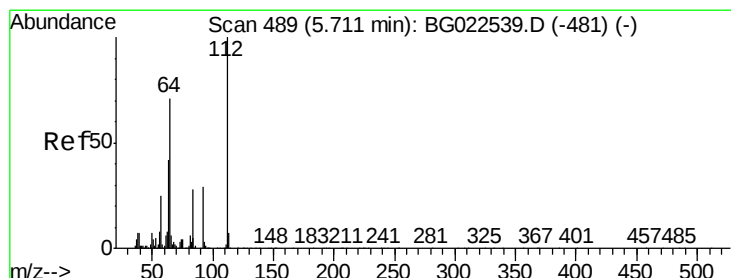
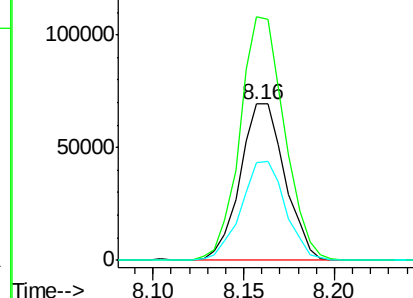
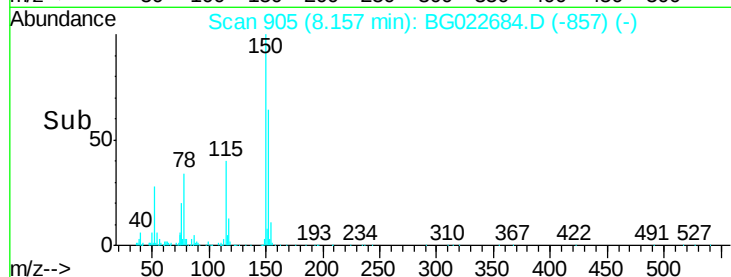
115 62.4 64.0 96.0#



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: 131.48 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

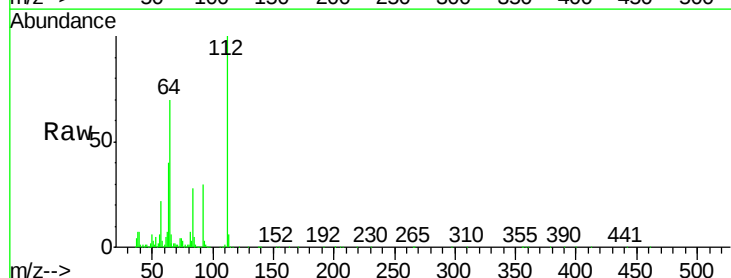
Tgt Ion:112 Resp: 974055

Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

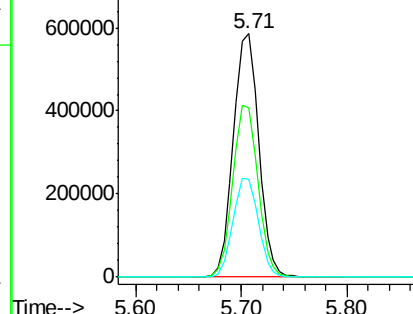
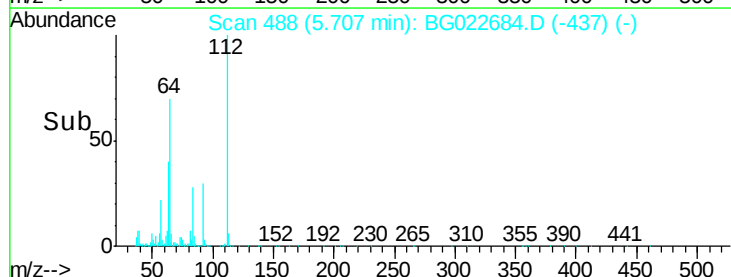
63 40.0 37.8 56.8

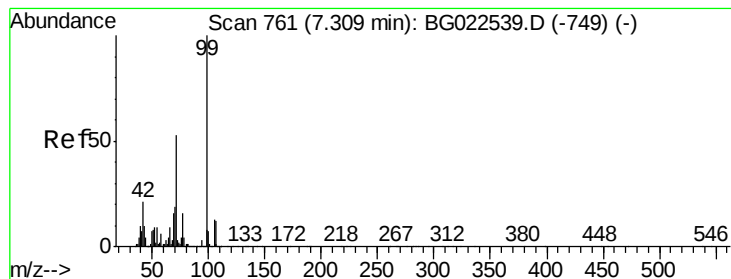


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 137.73 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

Instrument :

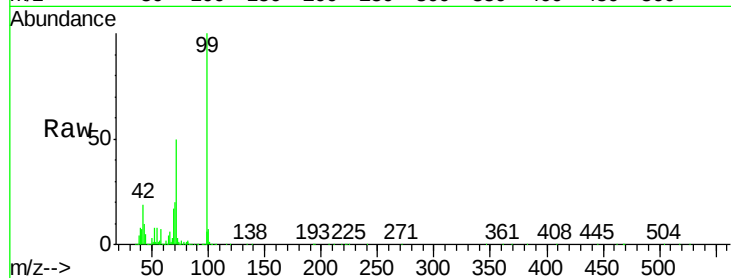
BNA_G

ClientSampleId :

PB91509BL

Tgt Ion: 99 Resp: 1438237

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.8	26.6
71	49.6	41.5	62.3

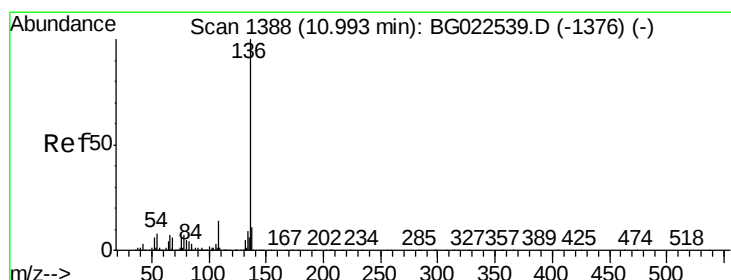
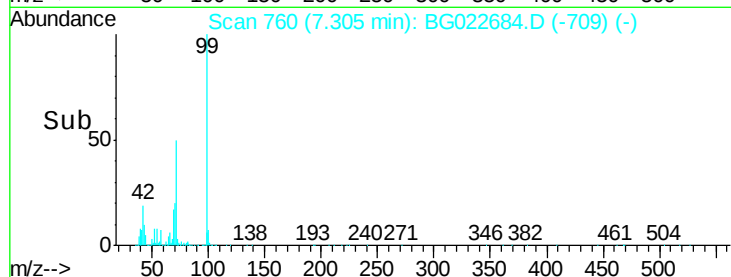
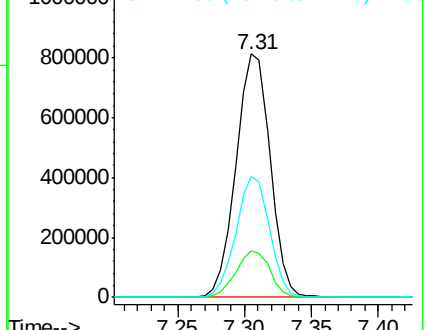


Abundance

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

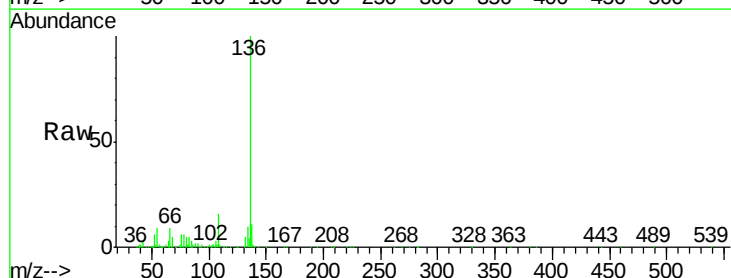
Delta R.T. -0.01 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

Tgt Ion: 136 Resp: 487472

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	9.3	7.3	10.9
68	5.2	5.3	7.9#



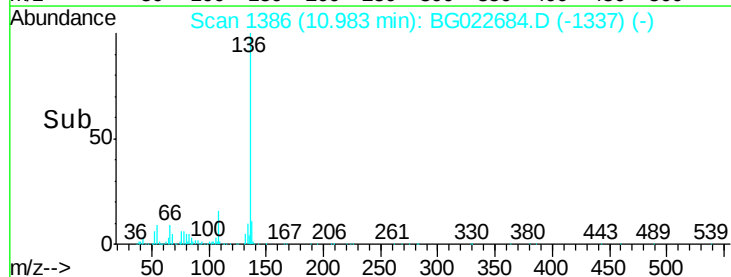
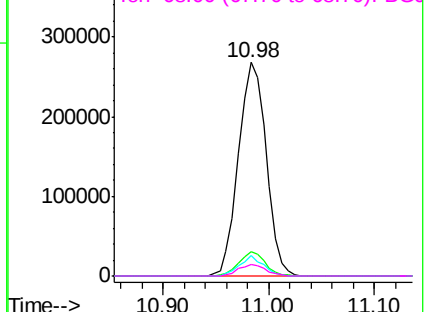
Abundance

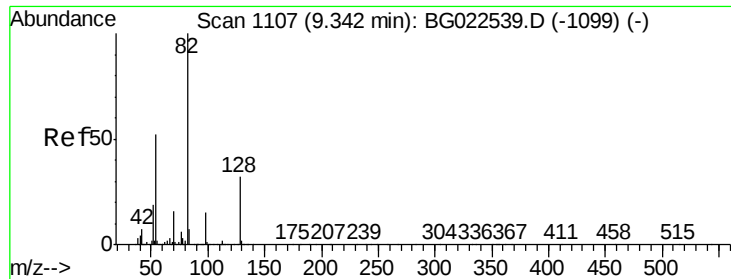
Ion 136.00 (135.70 to 136.70): BGC

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

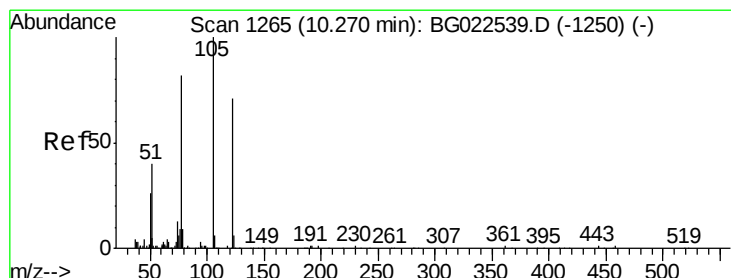
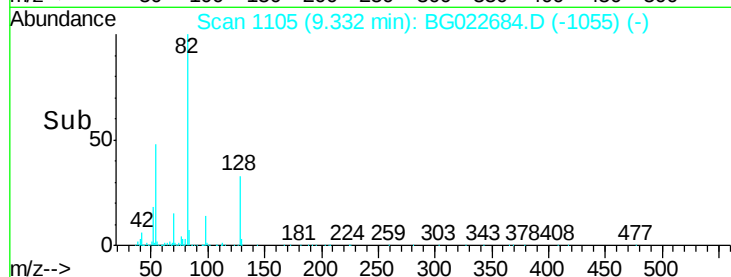
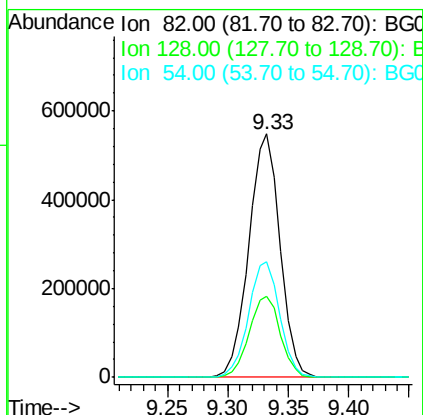
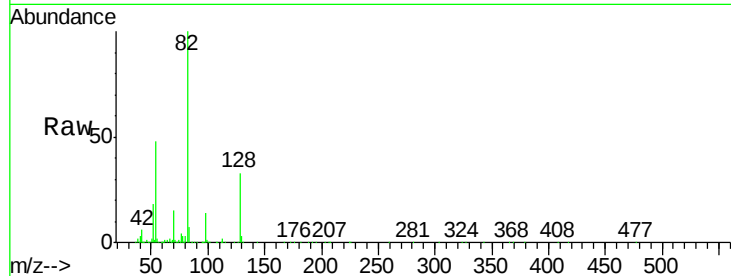




#23
Nitrobenzene-d5
Concen: 85.40 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022684.D
Acq: 28 Jun 2016 20:26

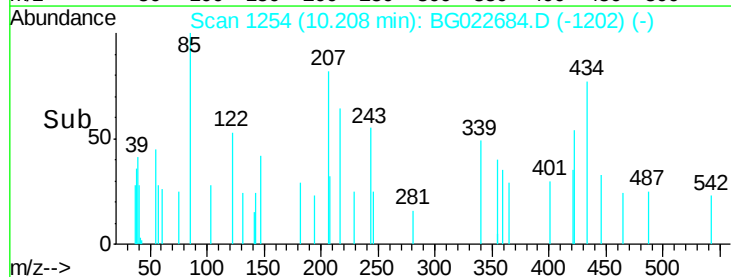
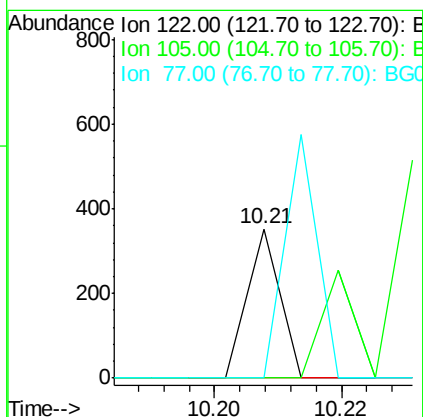
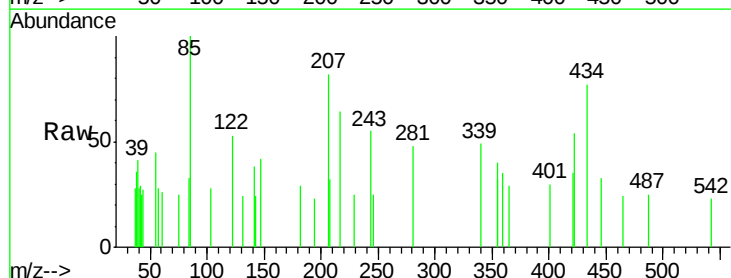
Instrument :
BNA_G
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PB91509BL

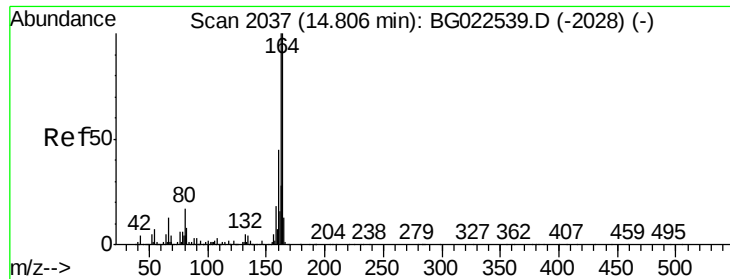
Tgt Ion: 82 Resp: 983609
Ion Ratio Lower Upper
82 100
128 33.1 24.4 36.6
54 47.6 41.4 62.0



#32
Benzoic acid
Concen: 5.13 ng
RT: 10.21 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG022684.D
Acq: 28 Jun 2016 20:26

Tgt Ion: 122 Resp: 124
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

Instrument :

BNA_G

ClientSampleId :

PB91509BL

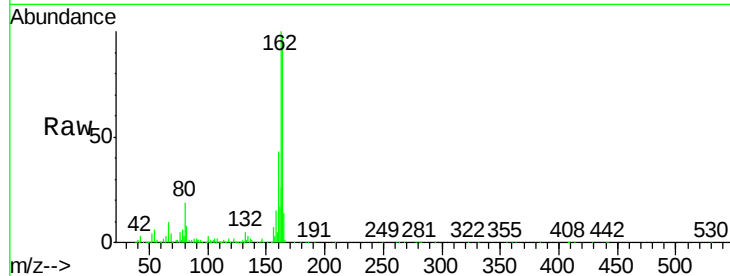
Tgt Ion:164 Resp: 364202

Ion Ratio Lower Upper

164 100

162 102.1 87.7 131.5

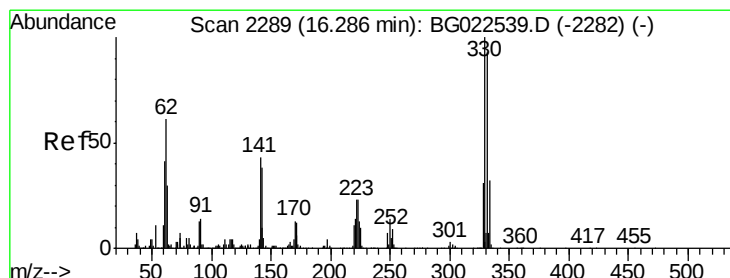
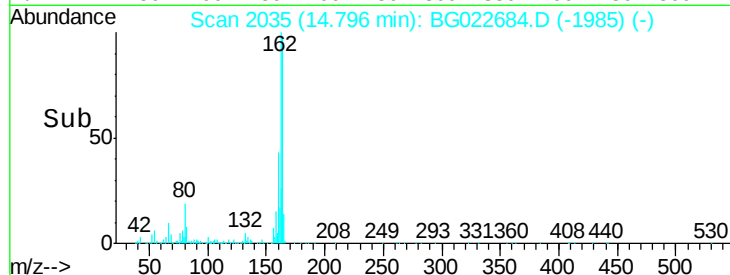
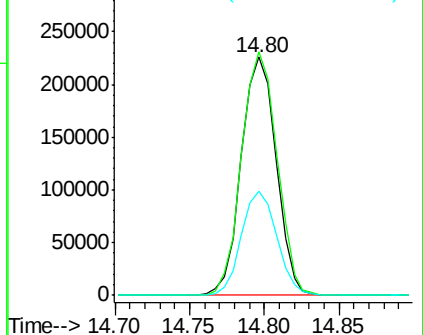
160 43.9 37.2 55.8



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: 143.75 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022684.D

Acq: 28 Jun 2016 20:26

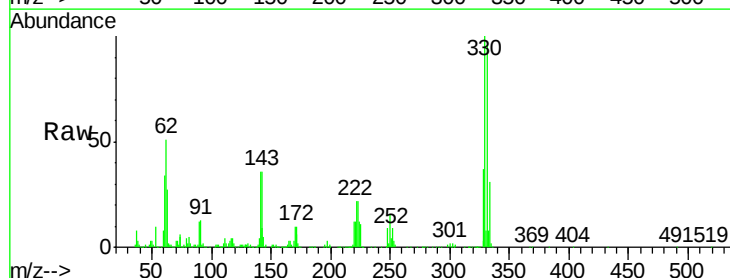
Tgt Ion:330 Resp: 823441

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

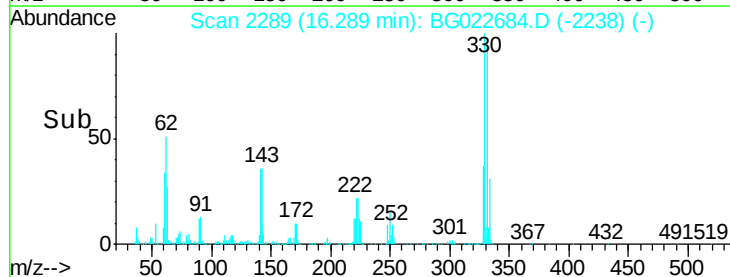
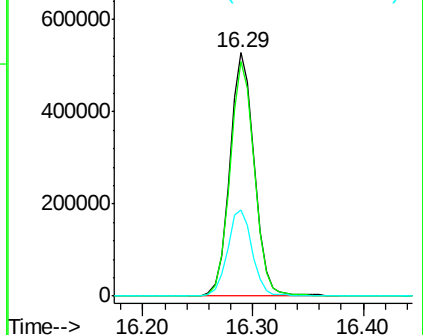
141 35.6 31.7 47.5

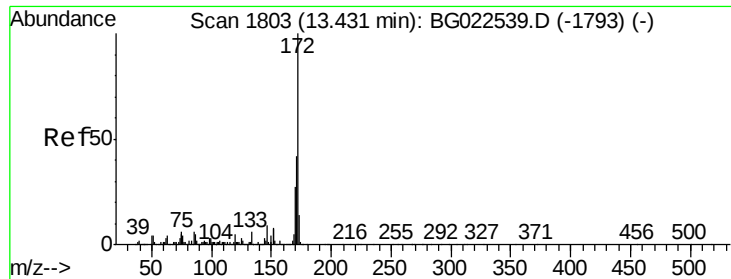


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

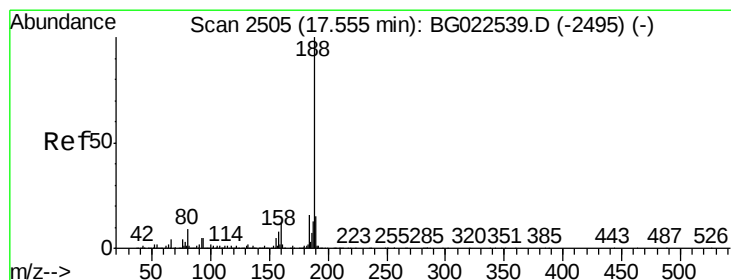
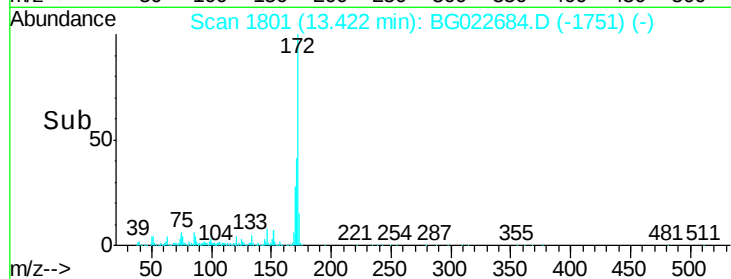
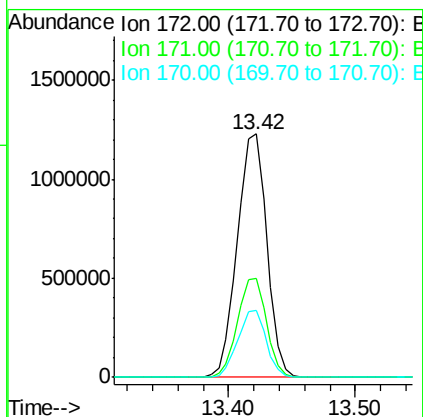
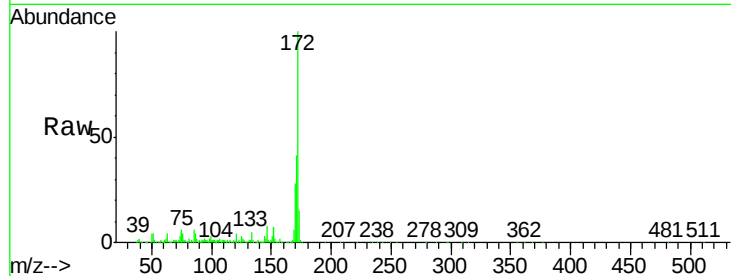




#44
 2-Fluorobiphenyl
 Concen: 86.36 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022684.D
 Acq: 28 Jun 2016 20:26

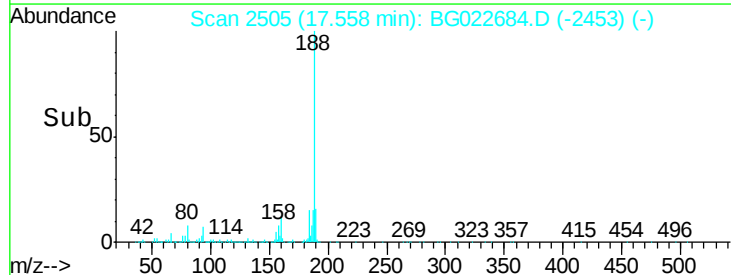
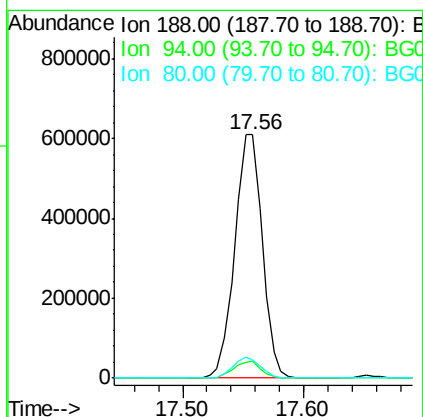
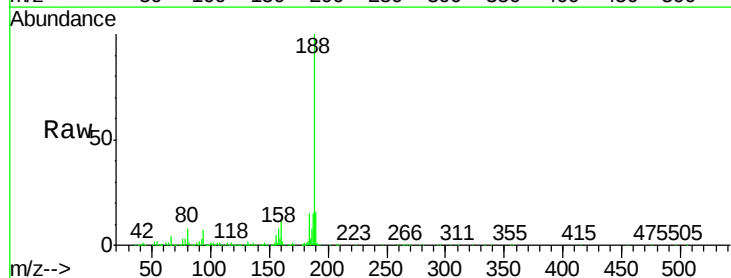
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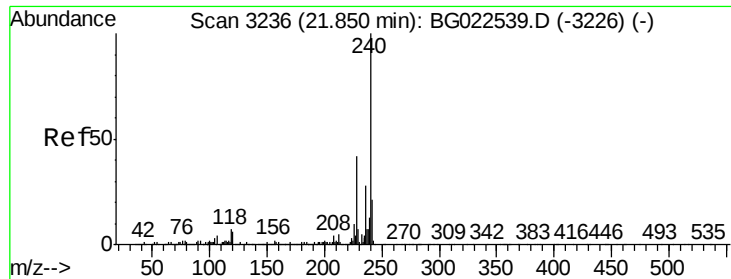
Tgt Ion:172 Resp: 1983283
 Ion Ratio Lower Upper
 172 100
 171 40.6 31.6 47.4
 170 27.5 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. 0.01 min
 Lab File: BG022684.D
 Acq: 28 Jun 2016 20:26

Tgt Ion:188 Resp: 972914
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.2 7.8
 80 7.7 7.2 10.8

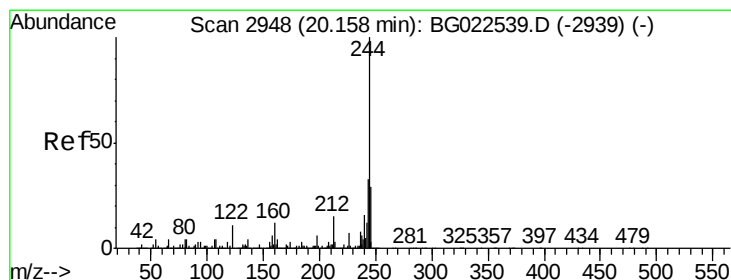
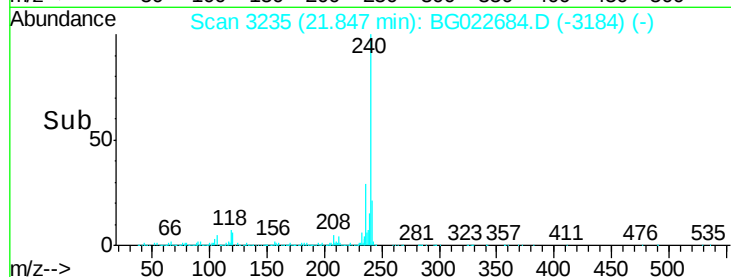
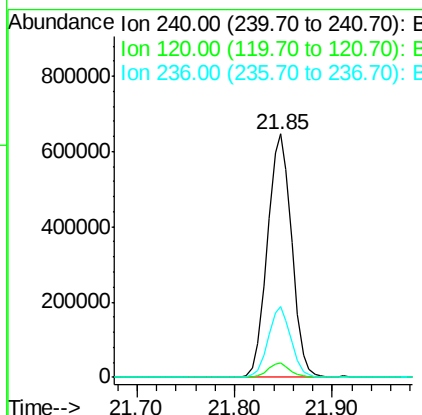
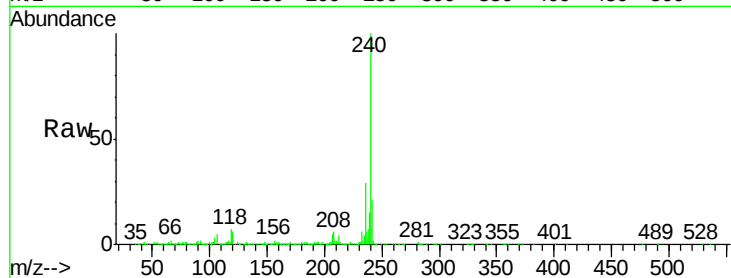




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022684.D
Acq: 28 Jun 2016 20:26

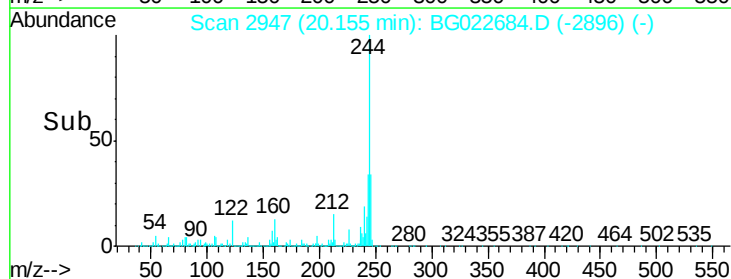
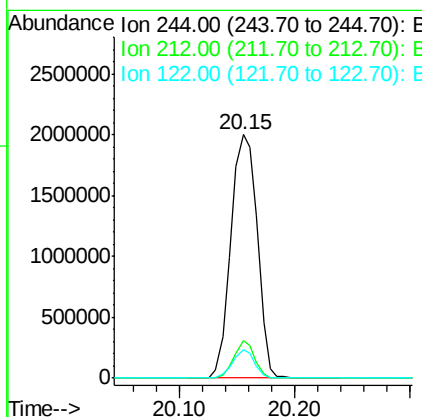
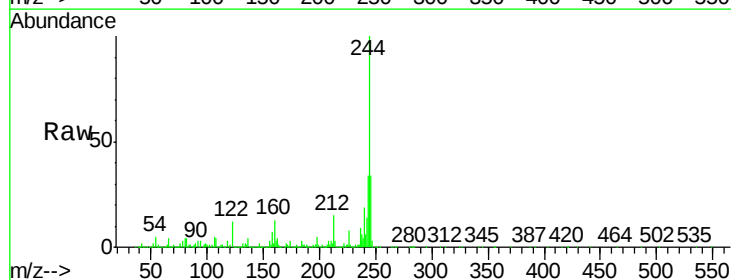
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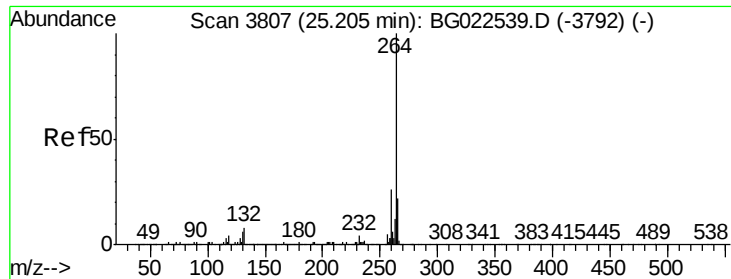
Tgt Ion:240 Resp: 1131505
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 28.9 21.1 31.7



#78
Terphenyl-d14
Concen: 74.11 ng
RT: 20.15 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG022684.D
Acq: 28 Jun 2016 20:26

Tgt Ion:244 Resp: 3165020
Ion Ratio Lower Upper
244 100
212 15.2 10.8 16.2
122 11.7 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. -0.00 min
Lab File: BG022684.D
Acq: 28 Jun 2016 20:26

Instrument :
BNA_G
ClientSampleId :
PB91509BL

Tgt Ion: 264 Resp: 1109096

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	20.4	18.9	28.3

