

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022607.D
 Acq On : 26 Jun 2016 12:45
 Operator : UM/SJ
 Sample : H3761-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:10:04 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

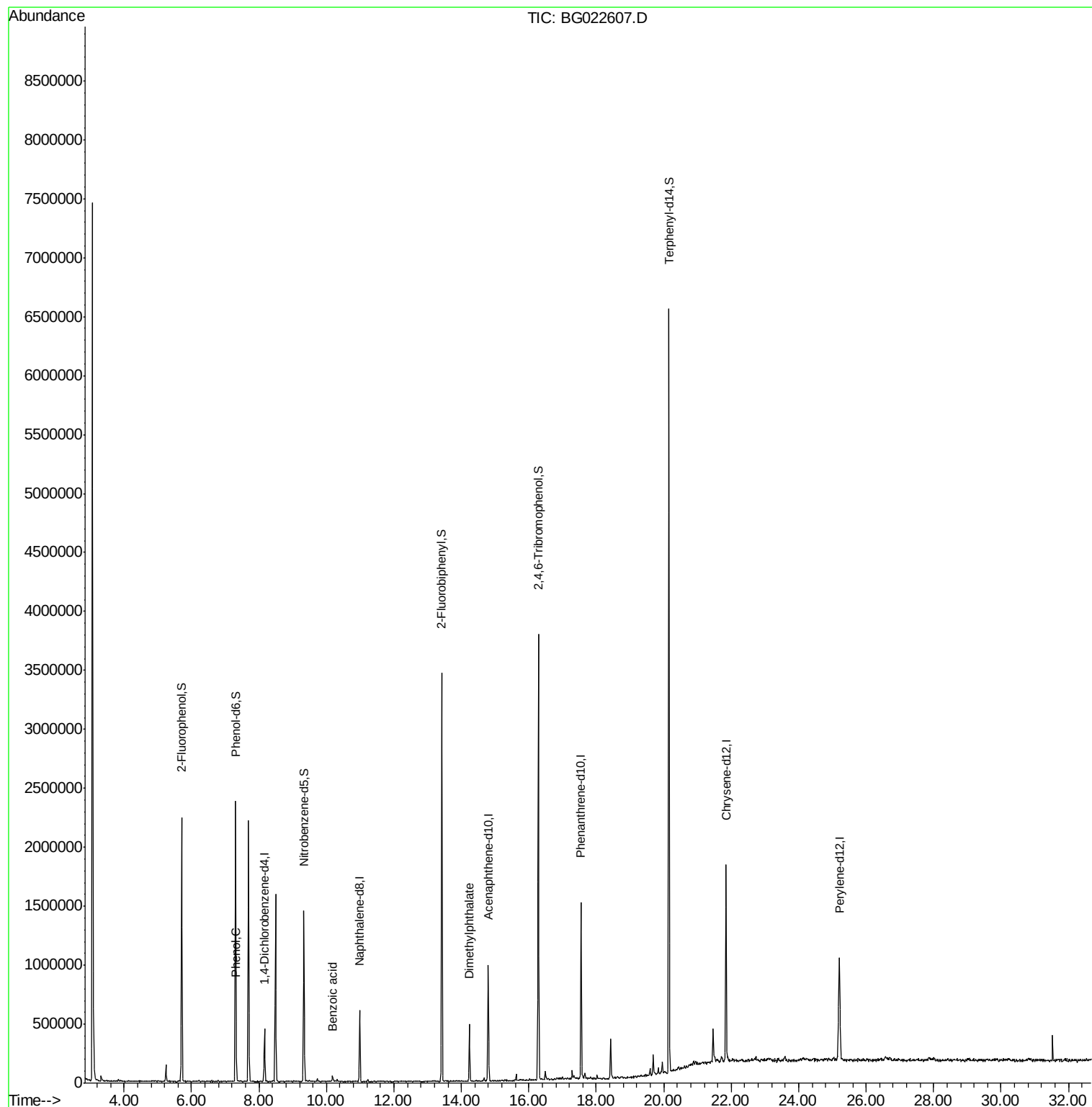
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	113276	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	473948	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	335694	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	896128	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1038966	20.00	ng	0.00
86) Perylene-d12	25.21	264	1067992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	855130	121.08	ng	0.00
7) Phenol-d6	7.31	99	1297156	130.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	907829	81.07	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	703036	133.15	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1645566	77.74	ng	0.00
78) Terphenyl-d14	20.15	244	2533827	64.61	ng	0.00
Target Compounds						
10) Phenol	7.33	94	23039	2.19	ng	92
32) Benzoic acid	10.18	122	15321	7.57	ng	# 79
49) Dimethylphthalate	14.24	163	297484	10.68	ng	99

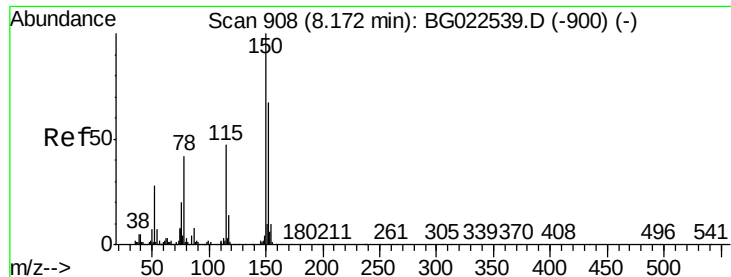
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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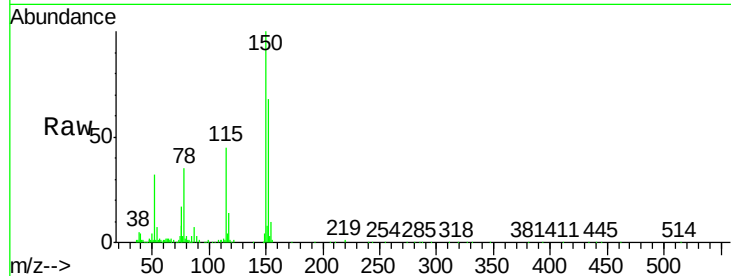


#1

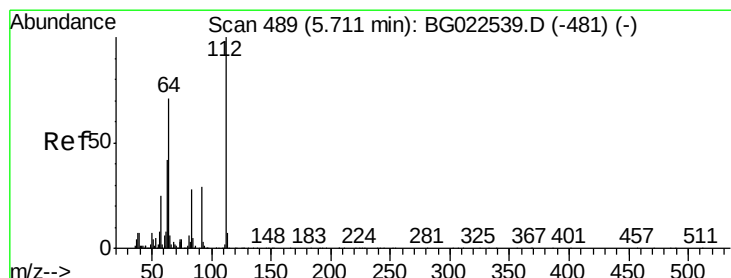
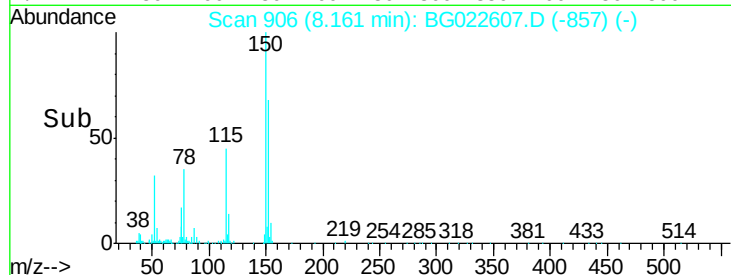
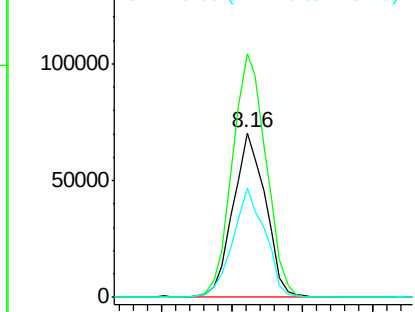
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	144.7	217.1
115	66.0	64.0	96.0



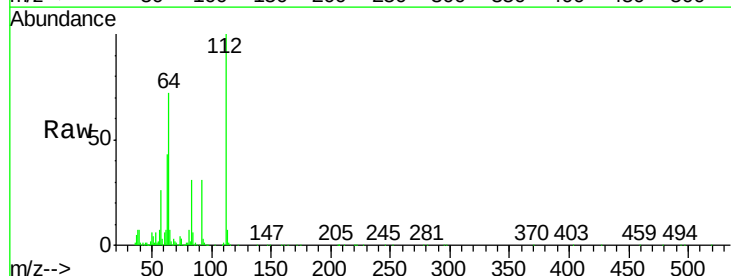
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



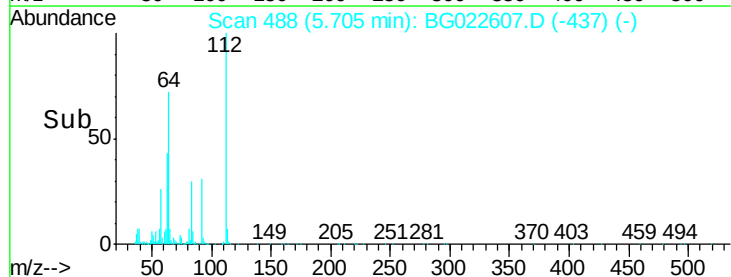
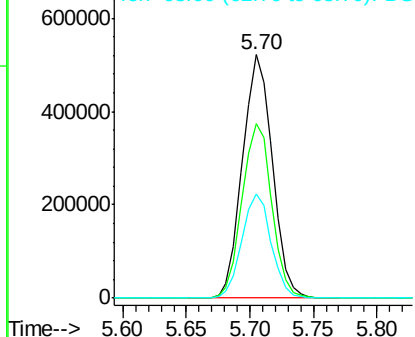
#5

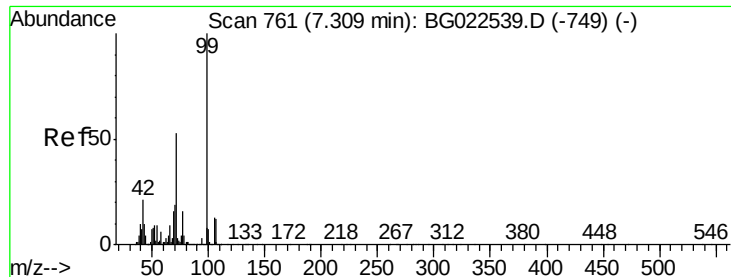
2-Fluorophenol
Concen: 121.08 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	59.0	88.4
63	43.0	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: 130.31 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

Instrument :

BNA_G

ClientSampled :

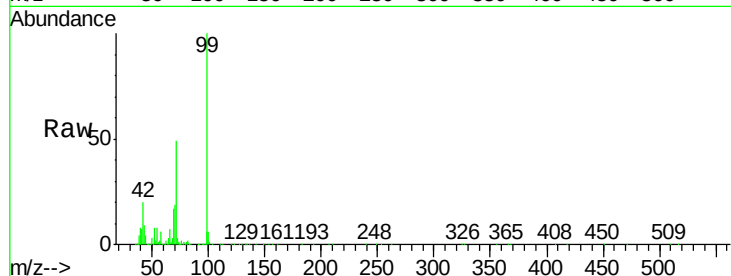
Tot Ion: 99 Resp: 1297156

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	49.2	41.5	62.3

99 100

42 20.1 17.8 26.6

71 49.2 41.5 62.3

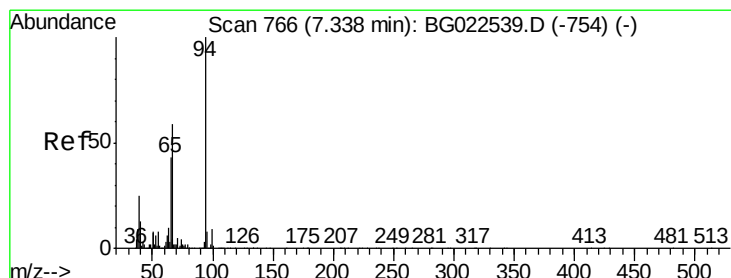
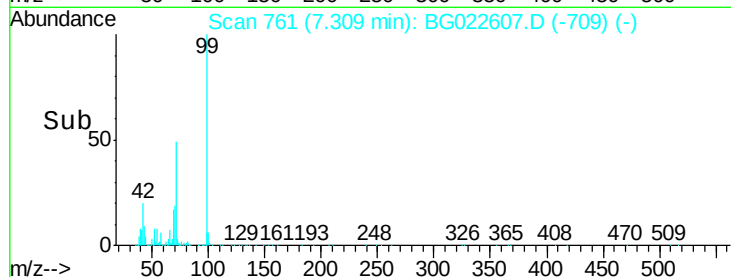
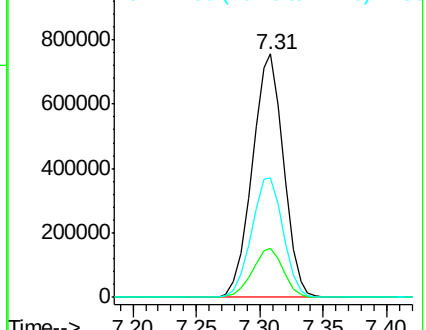


Abundance

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



#10

Phenol

Concen: 2.19 ng

RT: 7.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

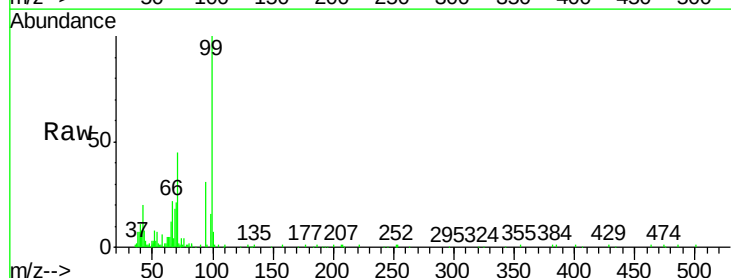
Tgt Ion: 94 Resp: 23039

Ion	Ratio	Lower	Upper
94	100		
65	37.9	18.1	58.1
66	72.1	42.1	82.1

94 100

65 37.9 18.1 58.1

66 72.1 42.1 82.1

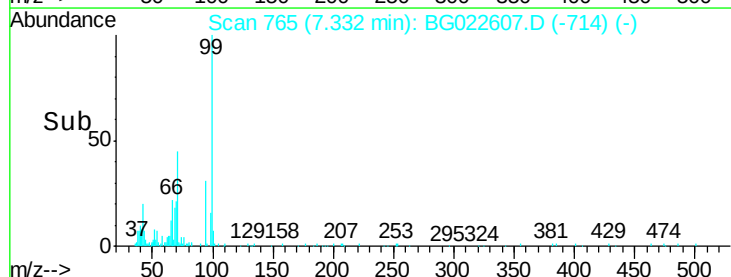
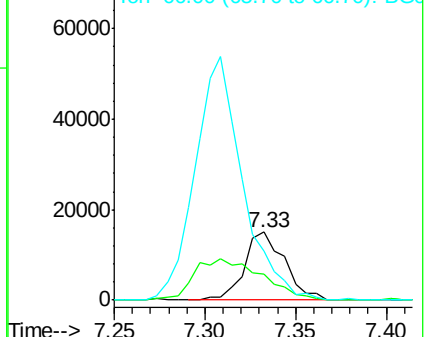


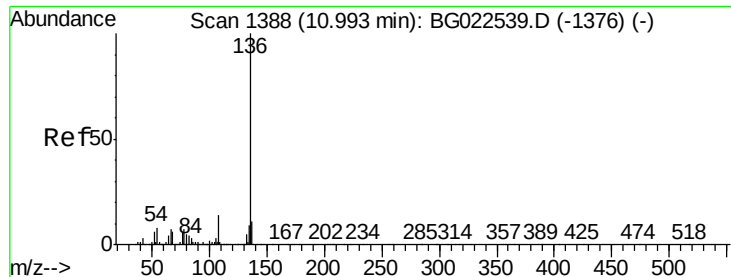
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

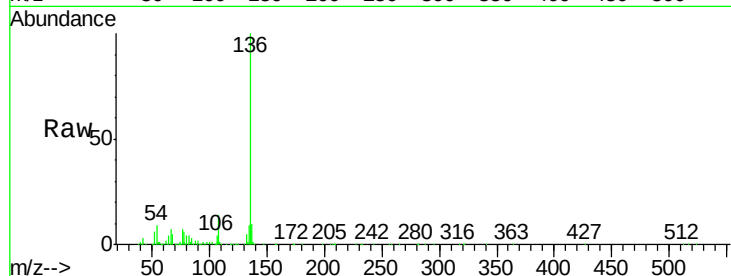




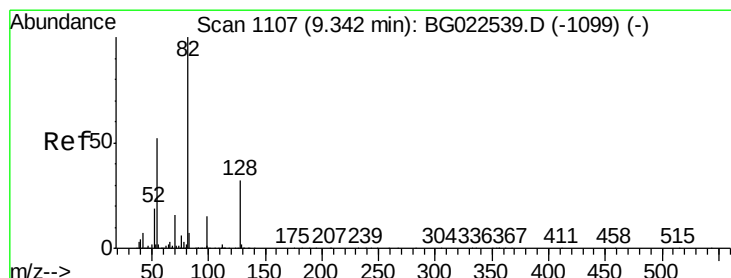
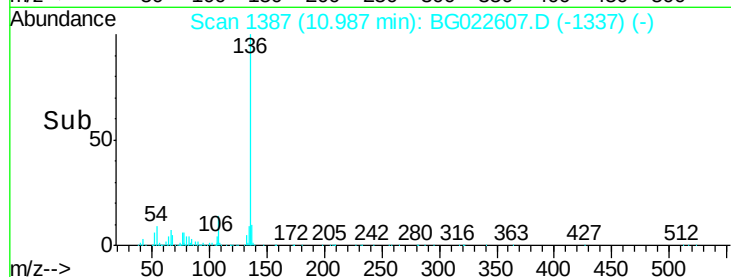
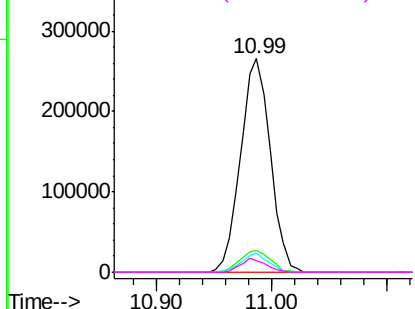
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	473948	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	9.6	14.4	
54 8.8	7.3	10.9	
68 5.3	5.3	7.9#	

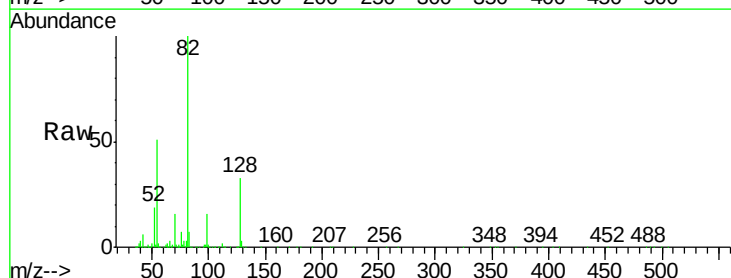


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

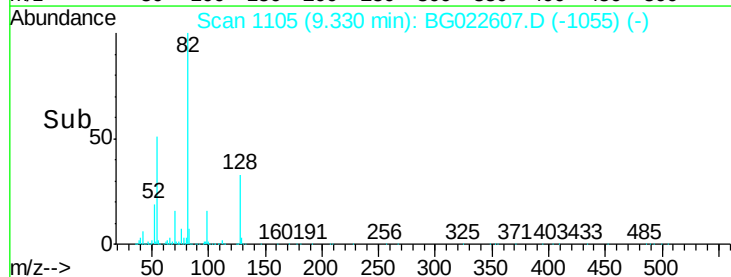
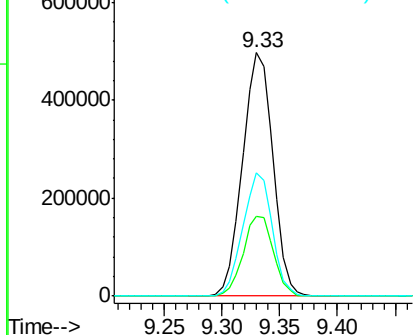


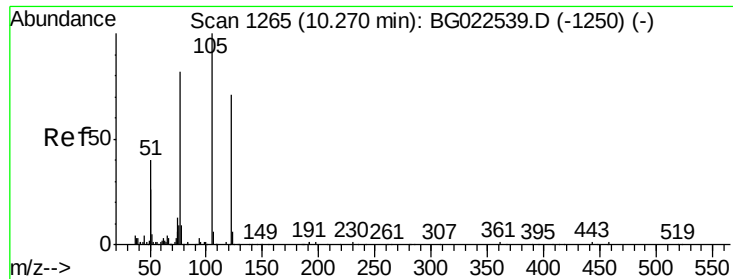
#23
Nitrobenzene-d5
Concen: 81.07 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion	82	Resp: Lower	907829 Upper
	Ratio 100		
128	32.8	24.4	36.6
54	50.8	41.4	62.0



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





#32

Benzoic acid

Concen: 7.57 ng

RT: 10.18 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

Instrument :

BNA_G

ClientSampleId :

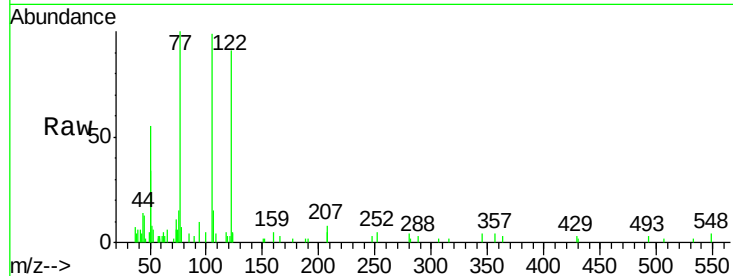
Tot Ion:122 Resp: 15321

Ion Ratio Lower Upper

122 100

105 107.9 117.2 157.2#

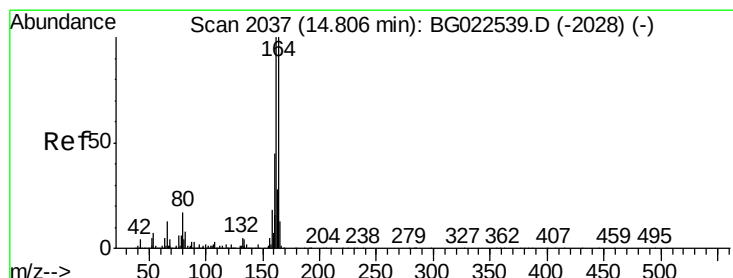
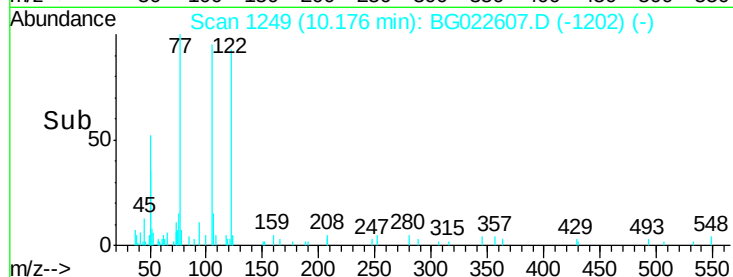
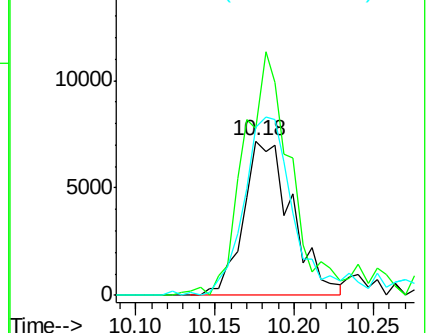
77 109.5 109.2 149.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

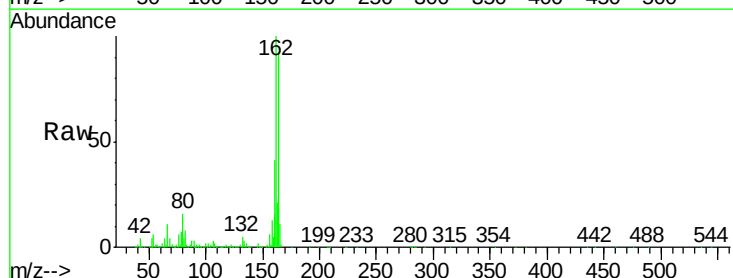
Tgt Ion:164 Resp: 335694

Ion Ratio Lower Upper

164 100

162 108.3 87.7 131.5

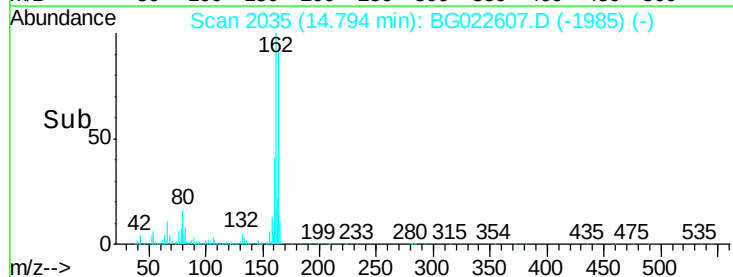
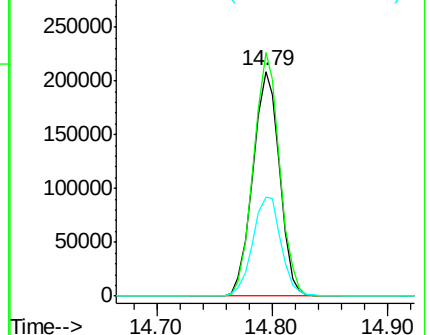
160 44.3 37.2 55.8

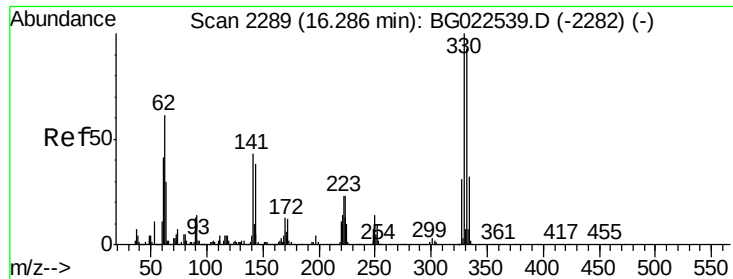


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

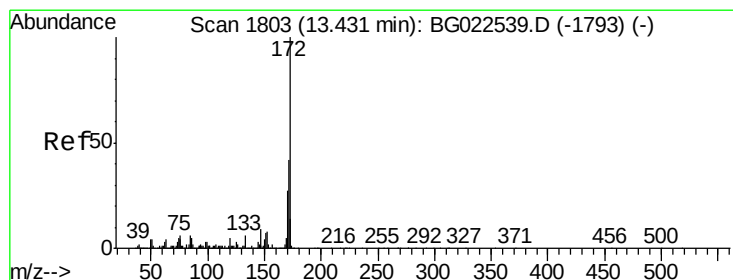
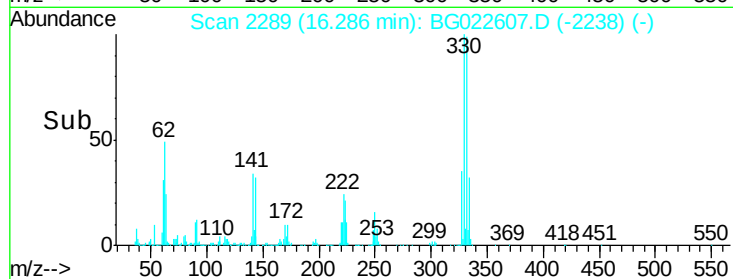
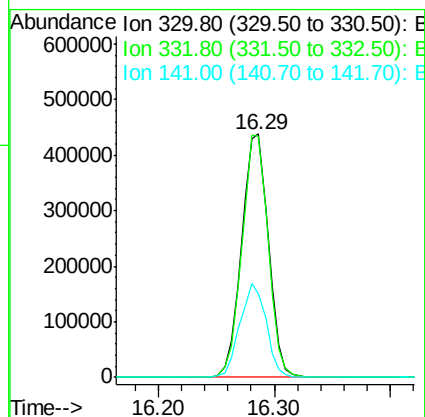
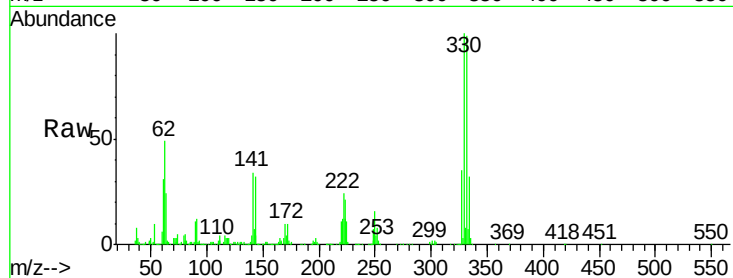




#41
2,4,6-Tribromophenol
Concen: 133.15 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

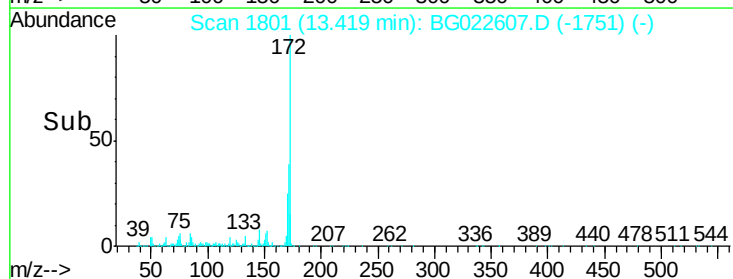
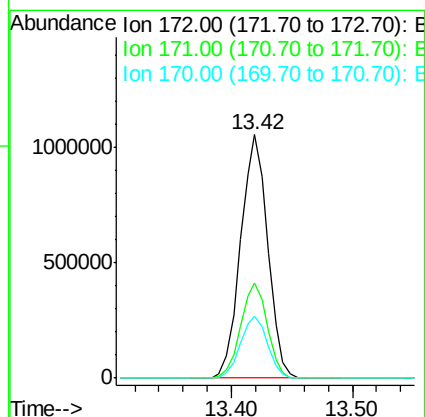
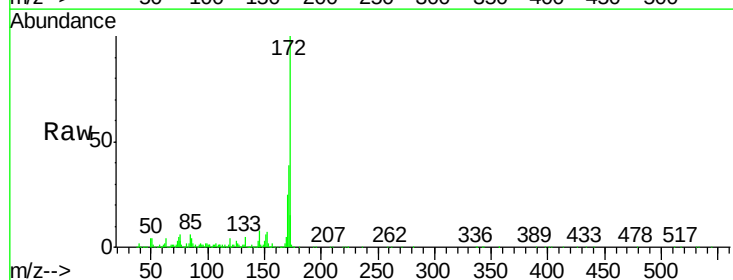
Instrument :
BNA_G
ClientSampled :

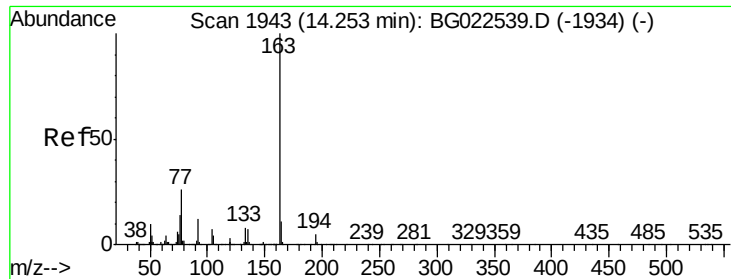
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	37.7	31.7	47.5



#44
2-Fluorobiphenyl
Concen: 77.74 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	25.3	21.3	31.9





#49

Dimethylphthalate

Concen: 10.68 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

Instrument :

BNA_G

ClientSampled :

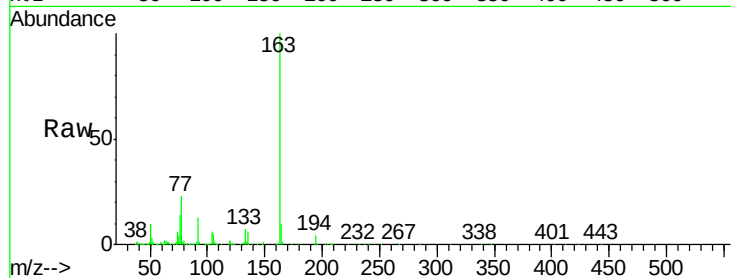
Tot Ion:163 Resp: 297484

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

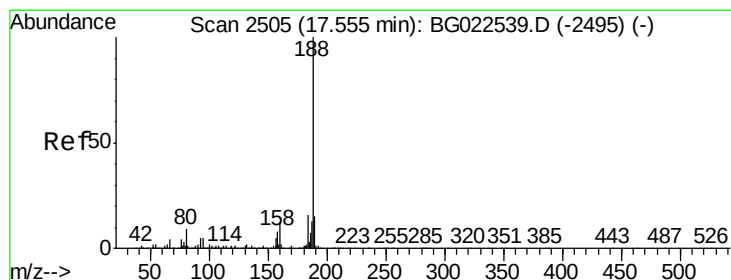
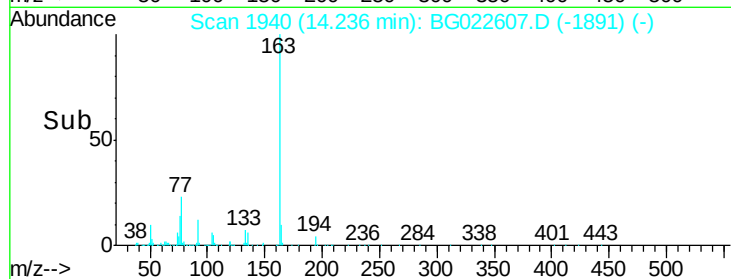
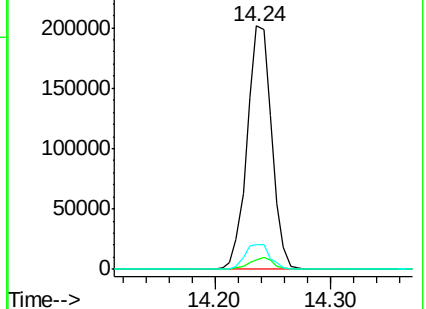
164 10.0 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG022607.D

Acq: 26 Jun 2016 12:45

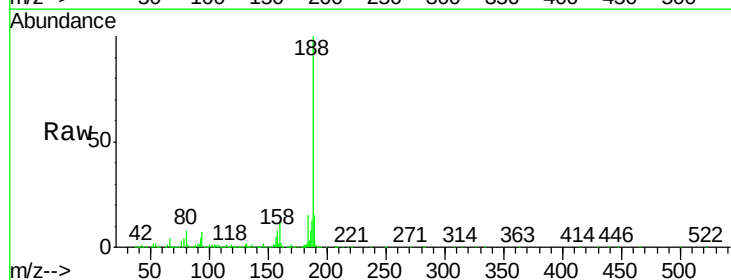
Tgt Ion:188 Resp: 896128

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

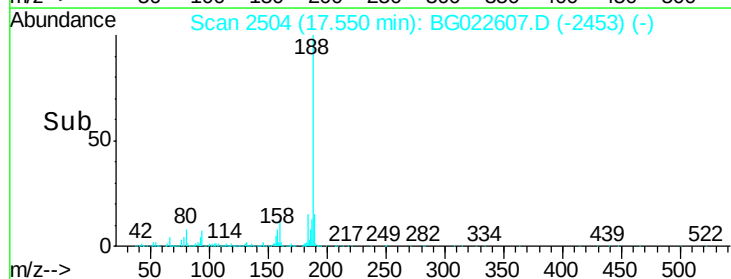
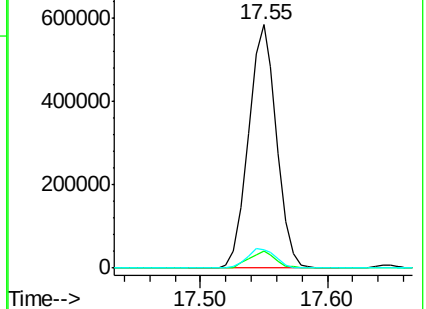
80 7.7 7.2 10.8

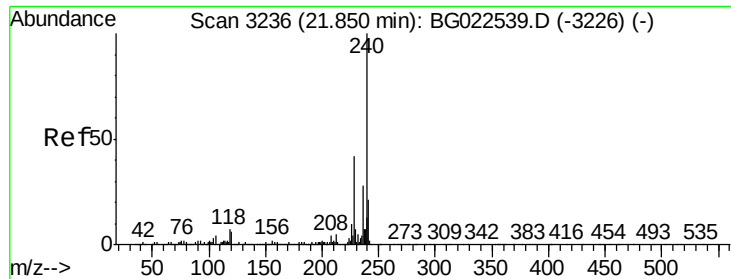


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

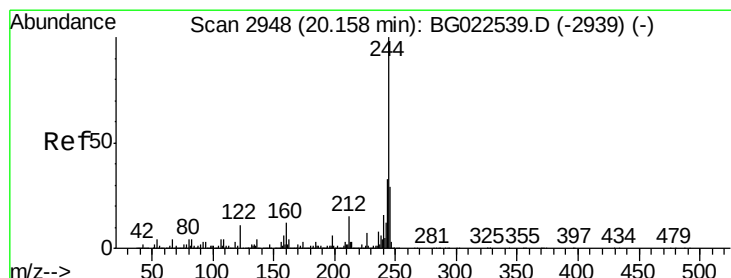
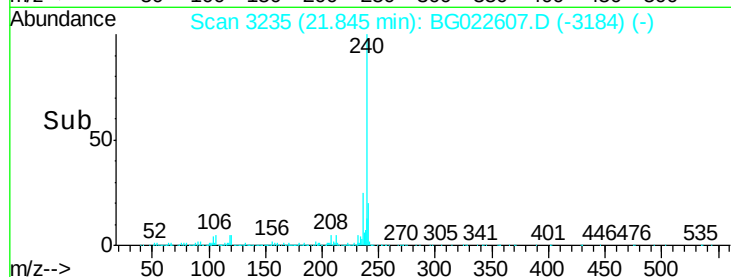
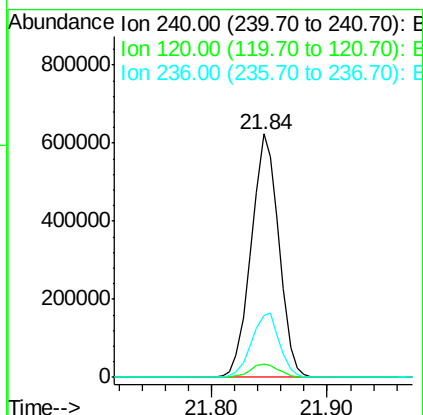
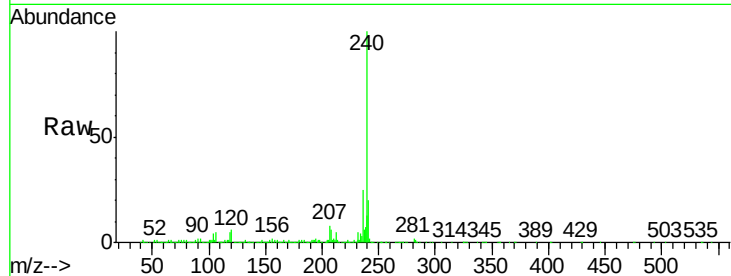




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

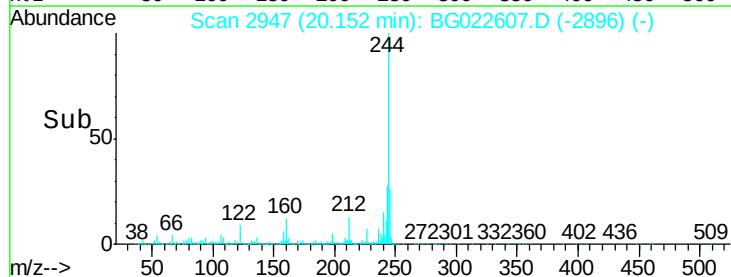
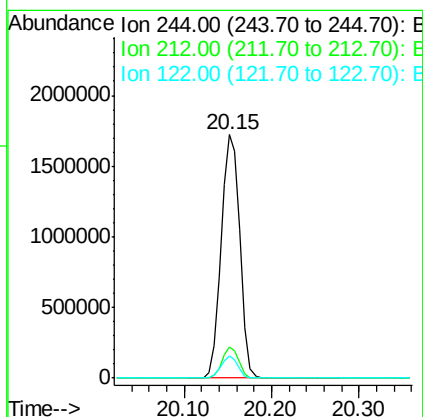
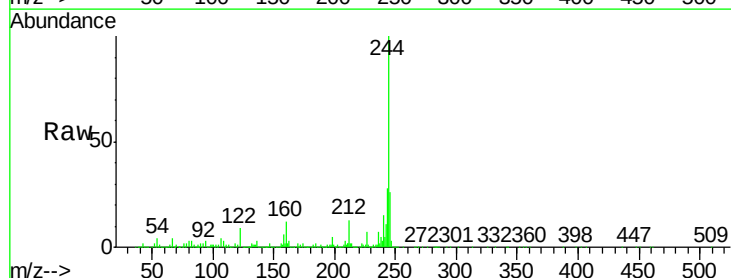
Instrument :
BNA_G
ClientSampleId :

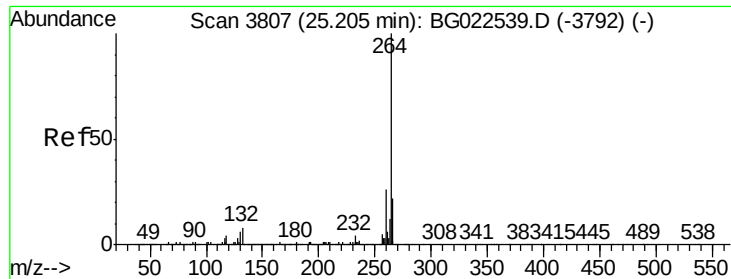
Tot Ion:240 Resp: 1038966
Ion Ratio Lower Upper
240 100
120 5.6 4.1 6.1
236 25.4 21.1 31.7



#78
Terphenyl-d14
Concen: 64.61 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Tgt Ion:244 Resp: 2533827
Ion Ratio Lower Upper
244 100
212 12.8 10.8 16.2
122 9.0 8.0 12.0



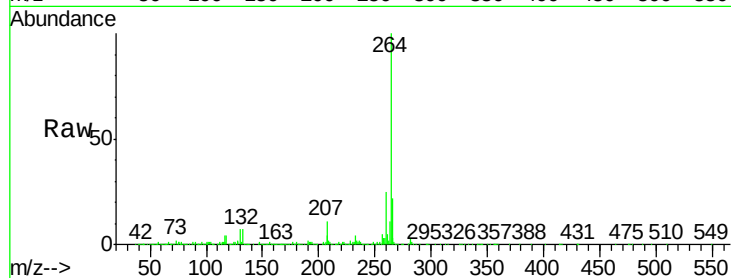


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022607.D
Acq: 26 Jun 2016 12:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1067992

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	21.9	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

