

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024007.D
 Acq On : 16 Sep 2016 23:48
 Operator : UM/SJ
 Sample : H4813-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

Quant Time: Sep 17 00:52:58 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 00:17:46 2016
 Response via : Initial Calibration

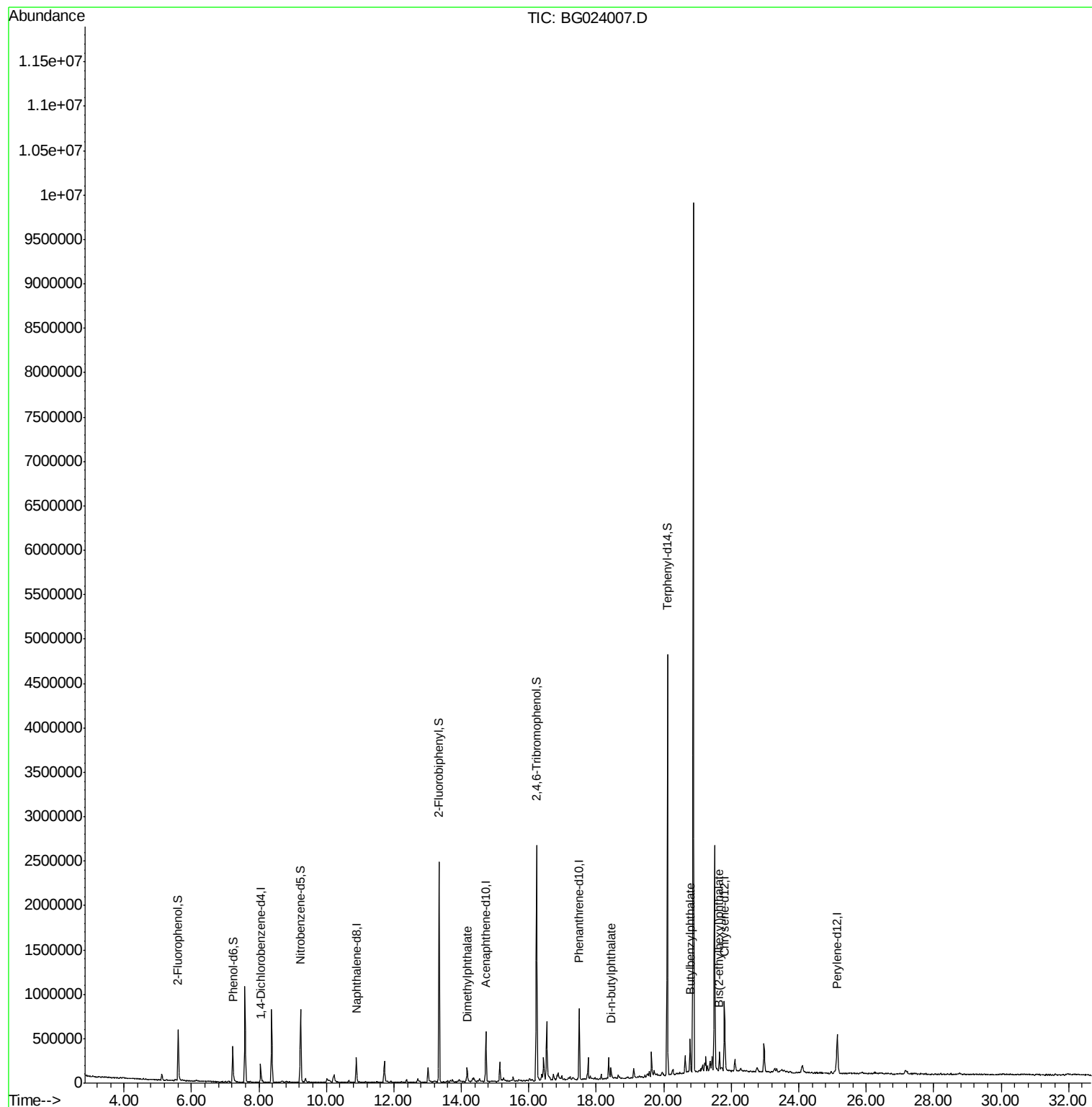
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46781	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	221984	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	195985	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	448634	20.00	ng	0.00
75) Chrysene-d12	21.80	240	482093	20.00	ng	0.00
86) Perylene-d12	25.14	264	484829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	229203	86.02	ng	0.00
7) Phenol-d6	7.22	99	223498	54.49	ng	0.00
23) Nitrobenzene-d5	9.24	82	530928	106.78	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	459836	130.23	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1114309	81.52	ng	0.00
78) Terphenyl-d14	20.11	244	1814538	85.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	92469	5.50	ng	Qvalue 96
73) Di-n-butylphthalate	18.44	149	73123	2.84	ng	# 95
79) Butylbenzylphthalate	20.78	149	97223	8.51	ng	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	74753	4.78	ng	93

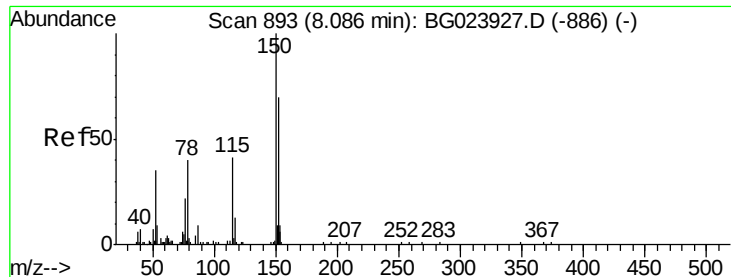
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024007.D
Acq On : 16 Sep 2016 23:48
Operator : UM/SJ
Sample : H4813-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6

Quant Time: Sep 17 00:52:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 00:17:46 2016
Response via : Initial Calibration



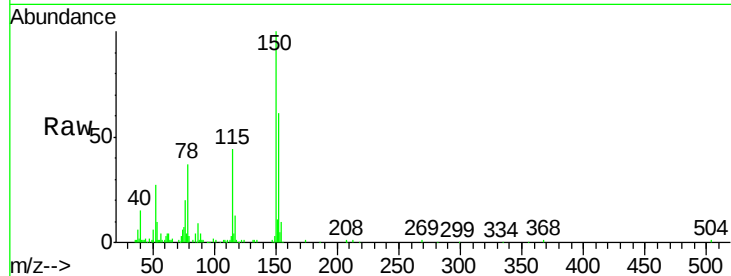


#1

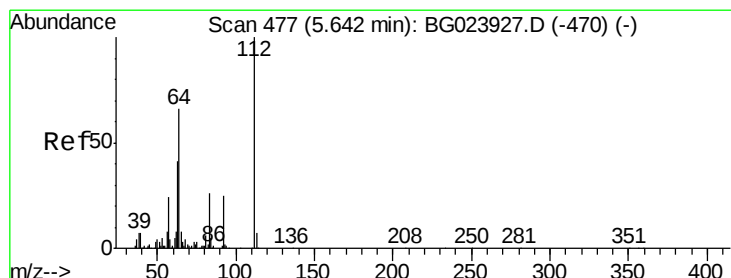
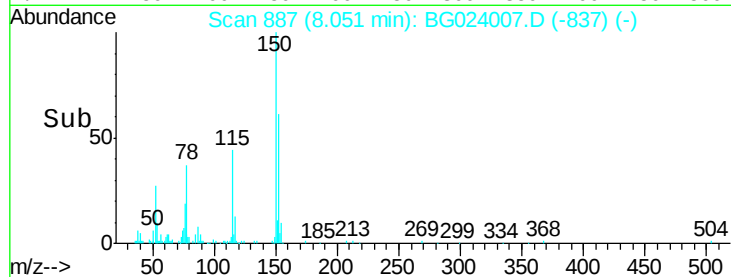
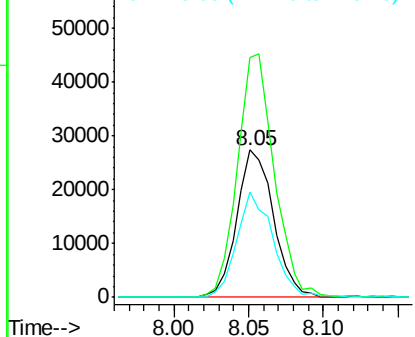
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Instrument :
BNA_G
ClientSampleId :
SB-6

Tot Ion:152 Resp: 46781
Ion Ratio Lower Upper
152 100
150 163.2 144.7 217.1
115 71.4 64.0 96.0



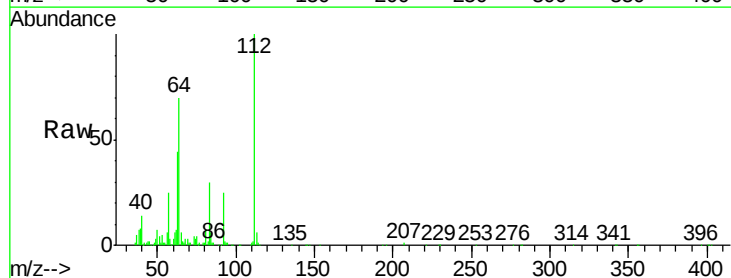
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



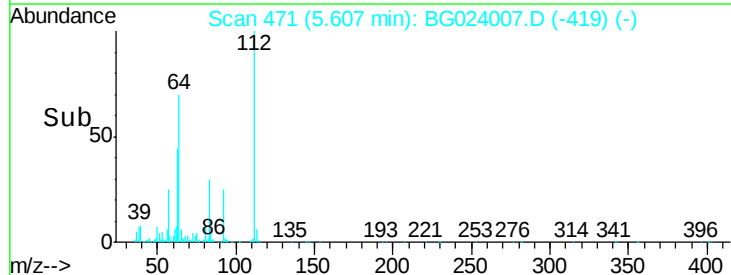
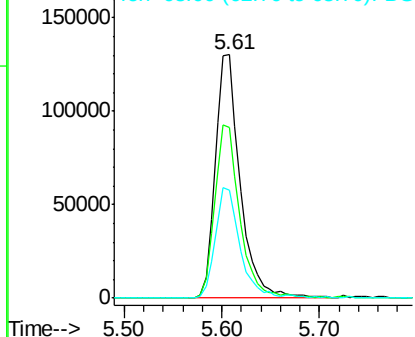
#5

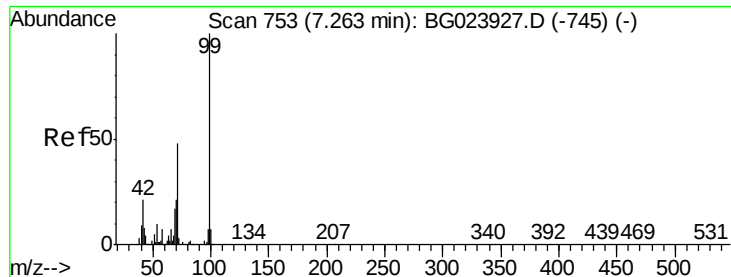
2-Fluorophenol
Concen: 86.02 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Tgt Ion:112 Resp: 229203
Ion Ratio Lower Upper
112 100
64 70.3 59.0 88.4
63 44.2 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: 54.49 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

Instrument :

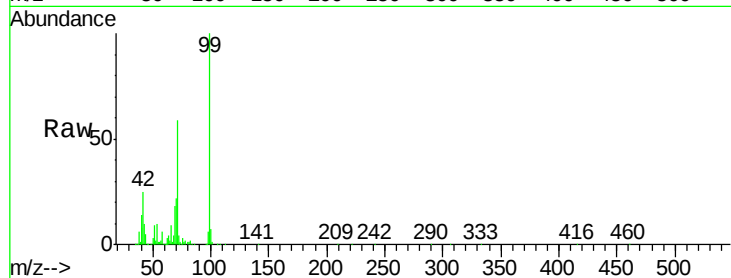
BNA_G

ClientSampleId :

SB-6

Tot Ion: 99 Resp: 223498

Ion	Ratio	Lower	Upper
99	100		
42	25.0	17.8	26.6
71	59.0	41.5	62.3

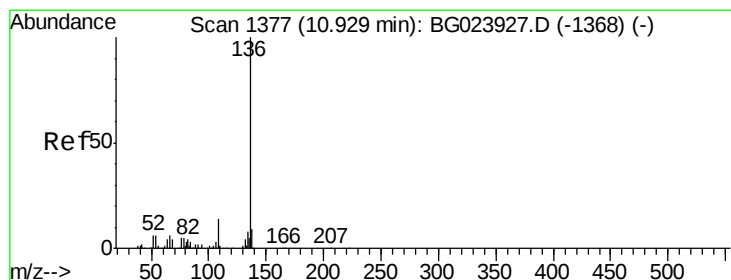
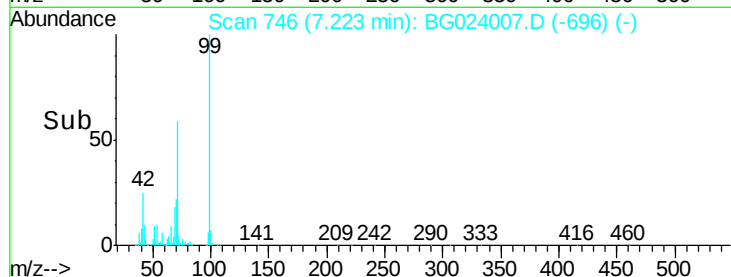
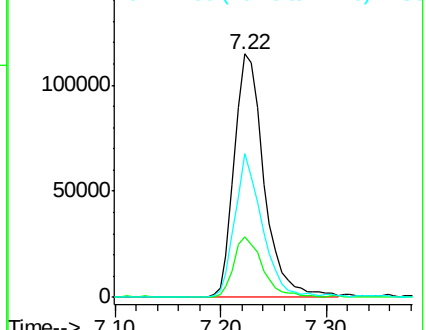


Abundance

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: 10.89 min Scan# 1370

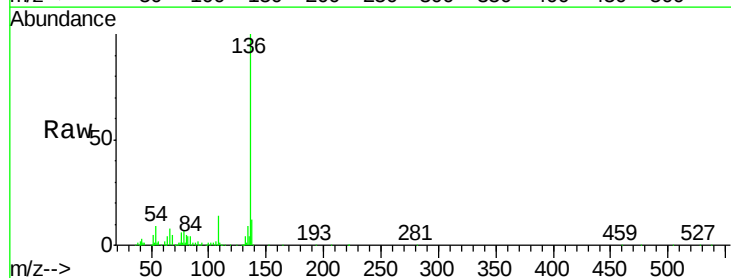
Delta R.T. 0.00 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

Tgt Ion: 136 Resp: 221984

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	8.7	7.3	10.9
68	5.2	5.3	7.9#



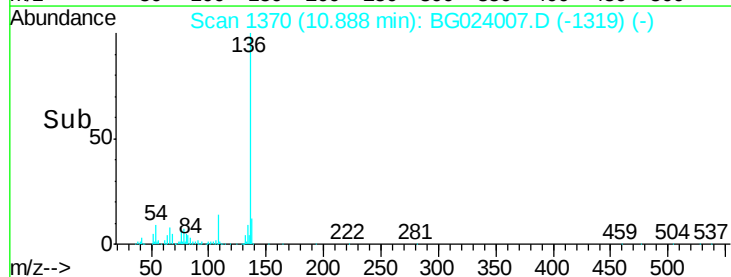
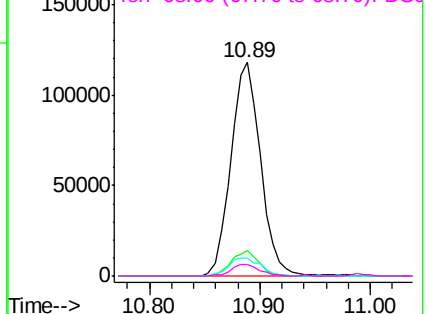
Abundance

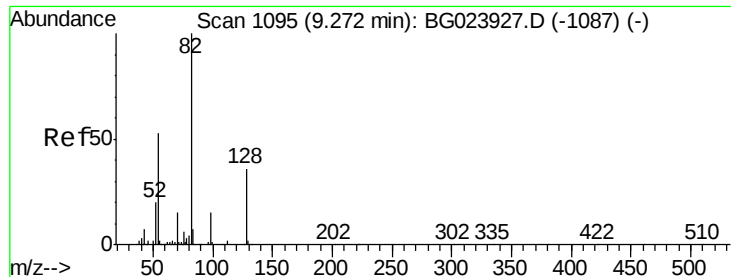
Ion 136.00 (135.70 to 136.70): BGC

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

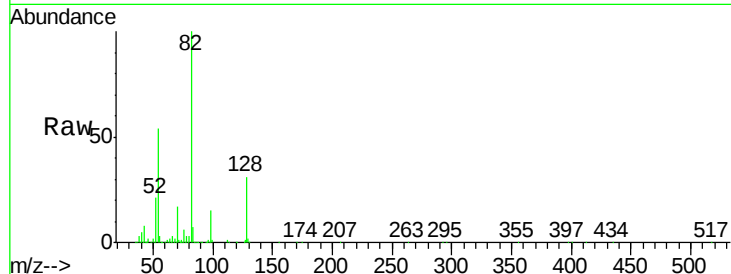




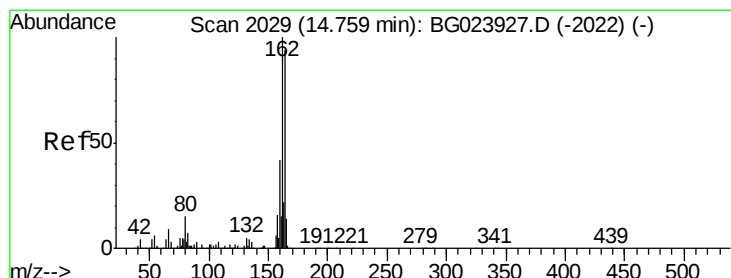
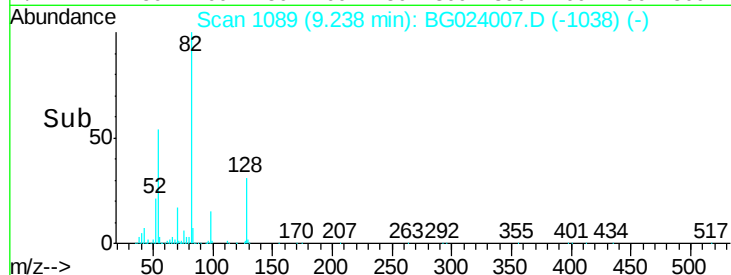
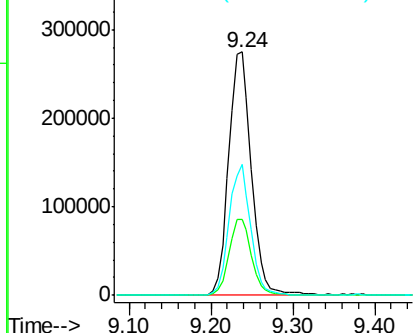
#23
 Nitrobenzene-d5
 Concen: 106.78 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BG024007.D
 Acq: 16 Sep 2016 23:48

Instrument :
 BNA_G
 ClientSampleID :
 SB-6

Tot Ion	82	Resp	530928
Ion Ratio	Lower	Upper	
82	100		
128	31.3	24.4	36.6
54	53.9	41.4	62.0

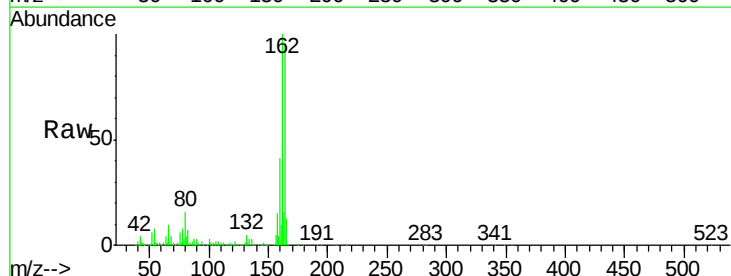


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

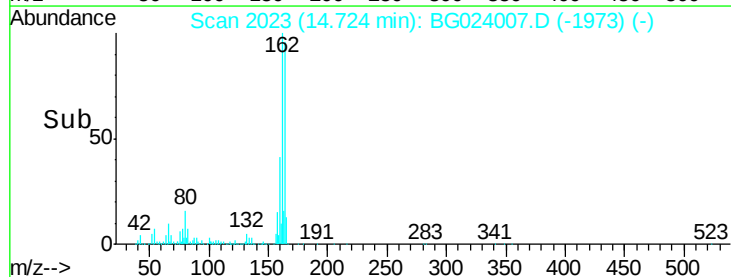
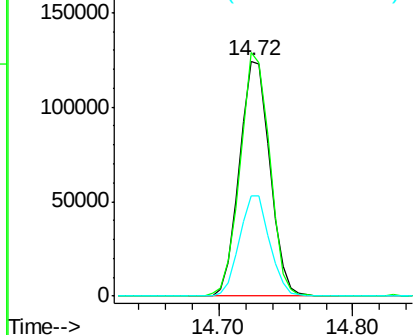


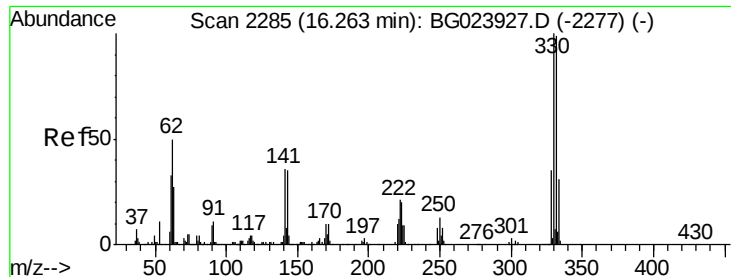
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG024007.D
 Acq: 16 Sep 2016 23:48

Tgt Ion	164	Resp	195985
Ion Ratio	Lower	Upper	
164	100		
162	103.7	87.7	131.5
160	42.8	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

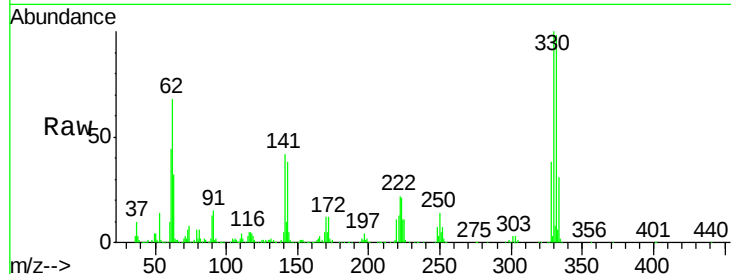




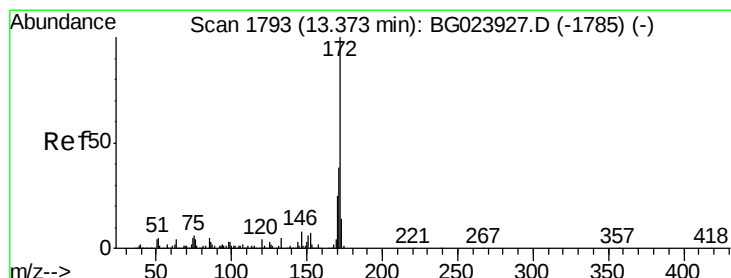
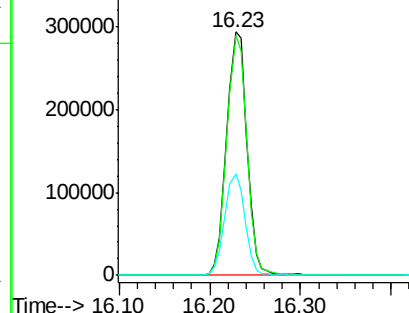
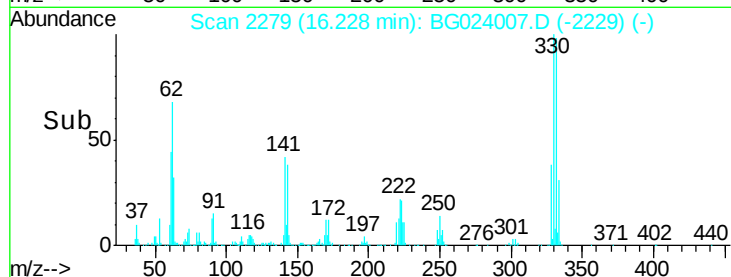
#41
 2,4,6-Tribromophenol
 Concen: 130.23 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG024007.D
 Acq: 16 Sep 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	41.4	31.7	47.5

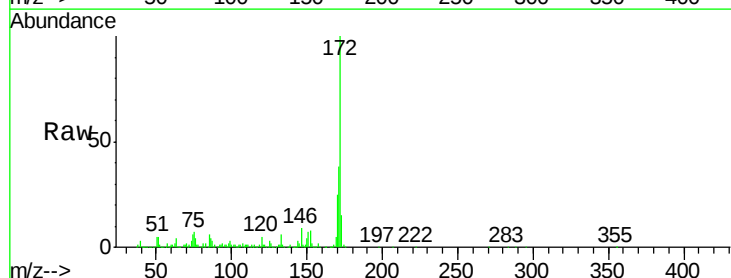


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

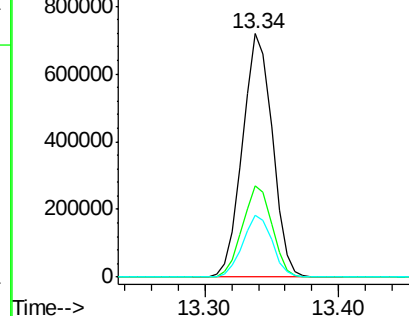
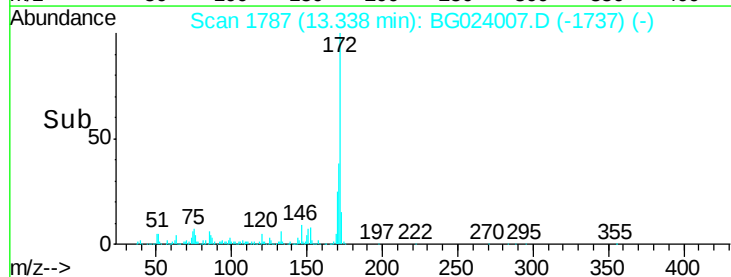


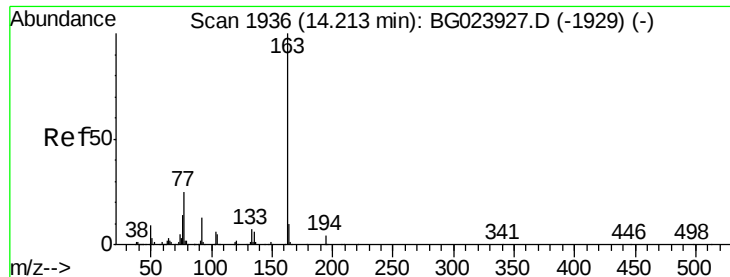
#44
 2-Fluorobiphenyl
 Concen: 81.52 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG024007.D
 Acq: 16 Sep 2016 23:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.6	47.4
170	25.2	21.3	31.9



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





#49

Dimethylphthalate

Concen: 5.50 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

Instrument :

BNA_G

ClientSampleId :

SB-6

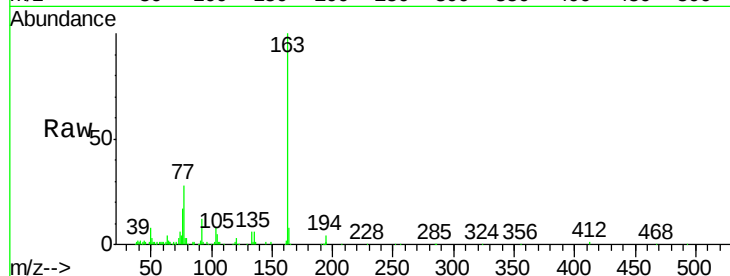
Tot Ion:163 Resp: 92469

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

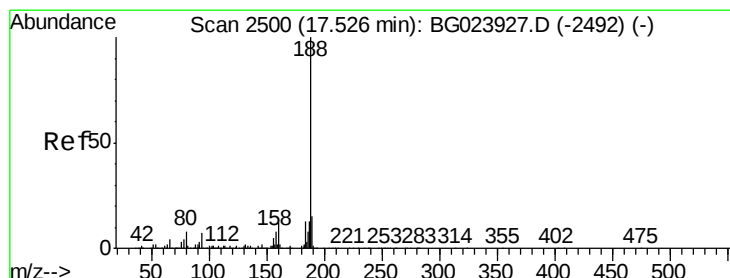
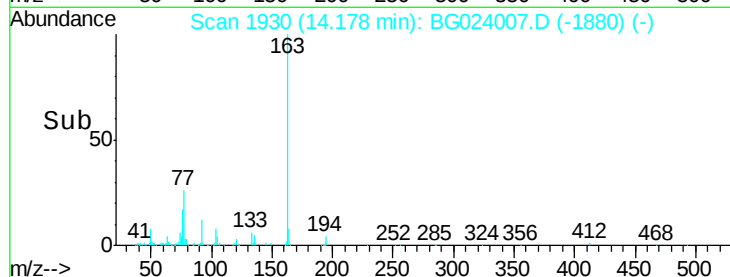
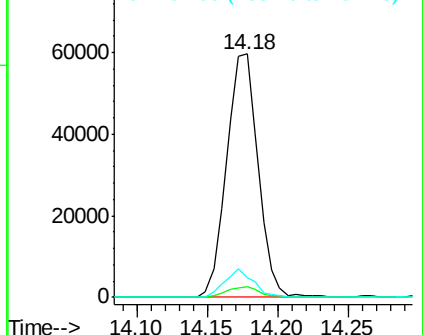
164 8.1 8.1 12.1



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: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

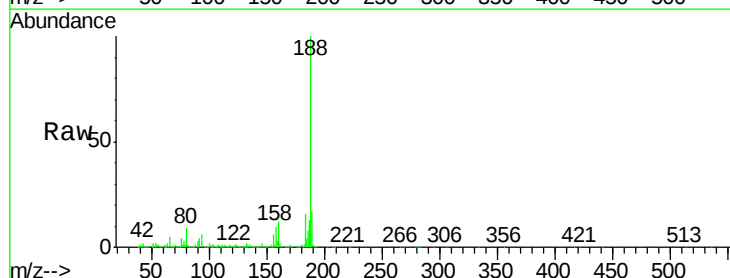
Tgt Ion:188 Resp: 448634

Ion Ratio Lower Upper

188 100

94 5.9 5.2 7.8

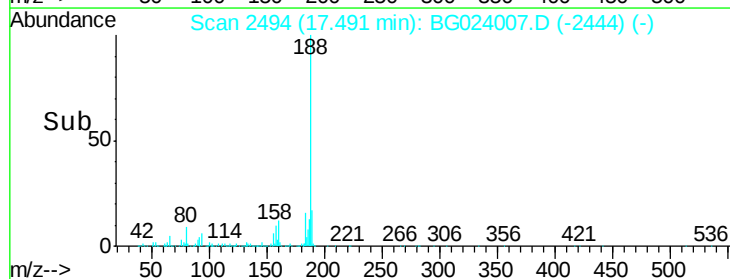
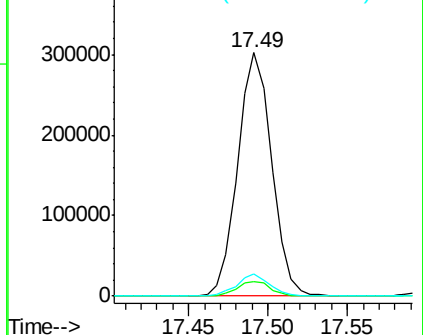
80 9.1 7.2 10.8

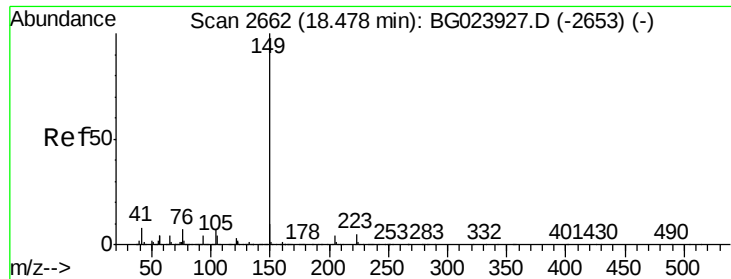


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

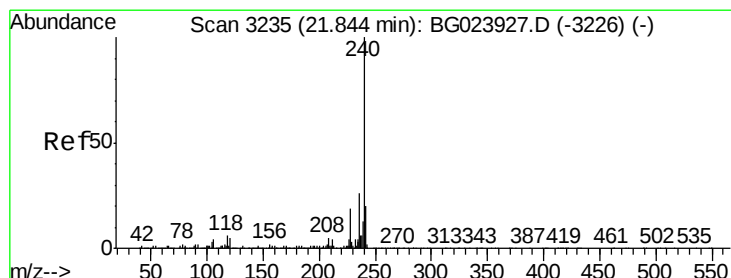
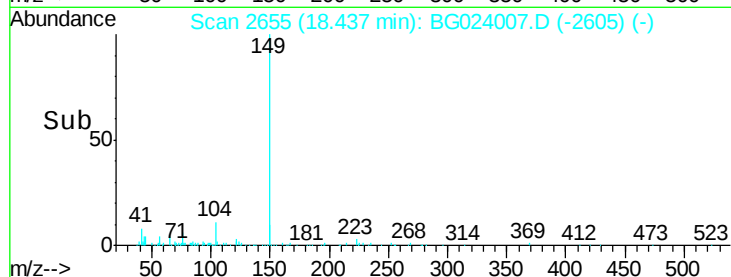
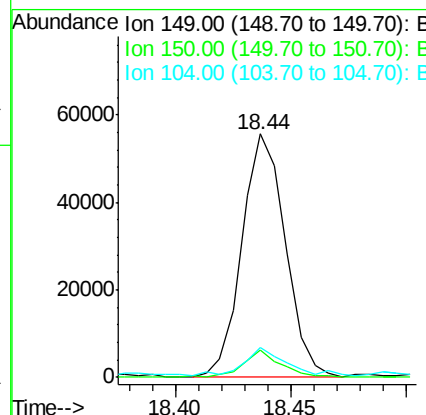
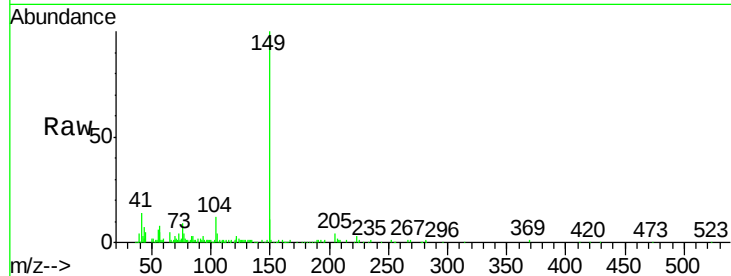




#73
Di-n-butylphthalate
Concen: 2.84 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

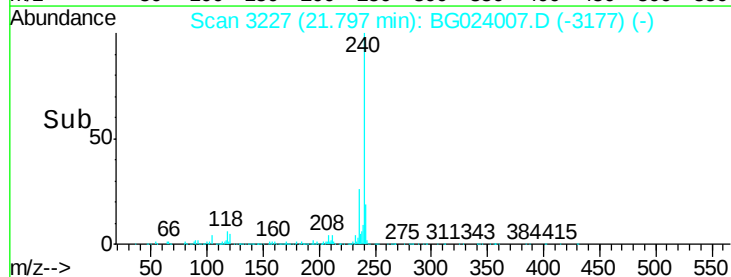
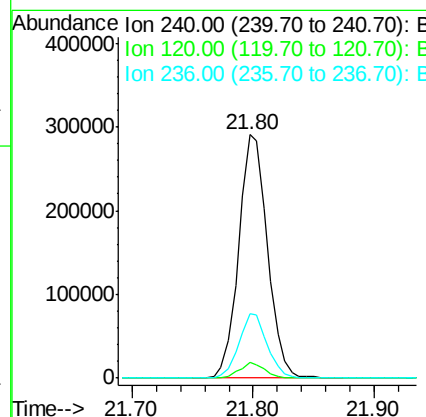
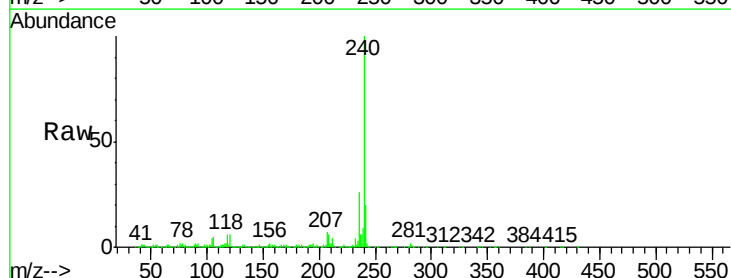
Instrument :
BNA_G
ClientSampleId :
SB-6

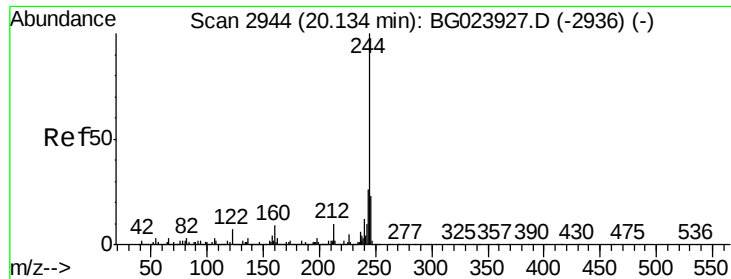
Tot Ion:149 Resp: 73123
Ion Ratio Lower Upper
149 100
150 11.0 9.1 13.7
104 12.3 6.9 10.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Tgt Ion:240 Resp: 482093
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 26.2 21.1 31.7





#78

Terphenyl-d14

Concen: 85.72 ng

RT: 20.11 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

Instrument :

BNA_G

ClientSampleId :

SB-6

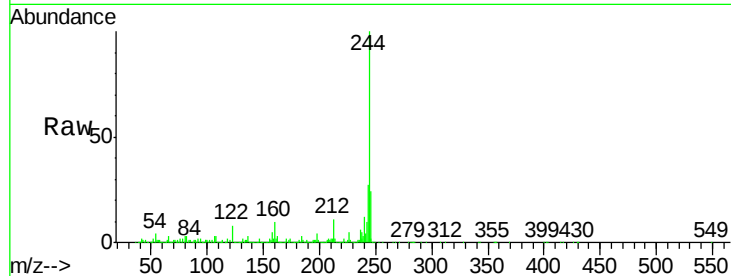
Tot Ion:244 Resp: 1814538

Ion Ratio Lower Upper

244 100

212 11.3 10.8 16.2

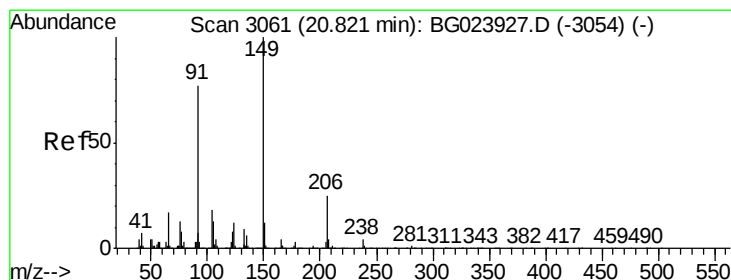
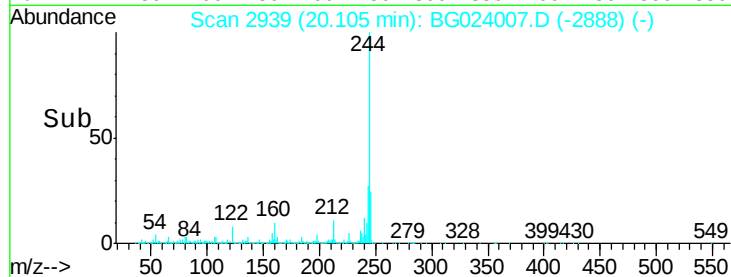
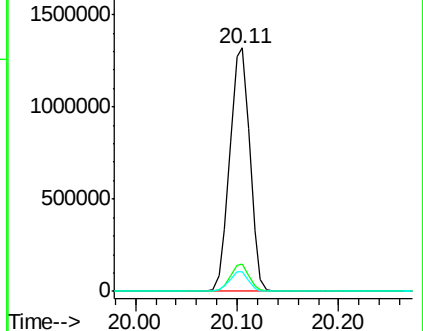
122 7.9 8.0 12.0#



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



#79

Butylbenzylphthalate

Concen: 8.51 ng

RT: 20.78 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

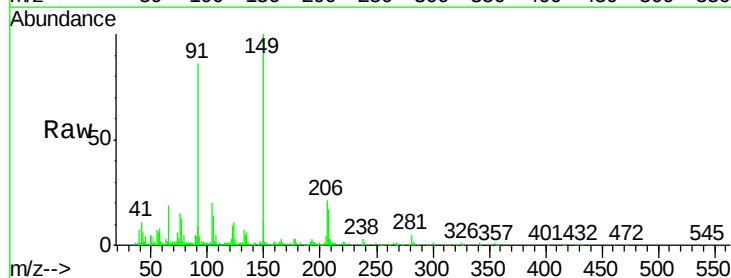
Tgt Ion:149 Resp: 97223

Ion Ratio Lower Upper

149 100

91 86.2 68.1 102.1

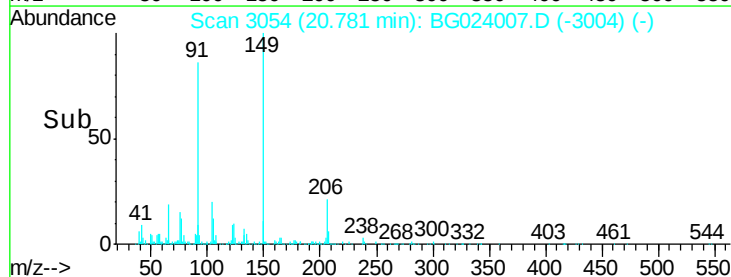
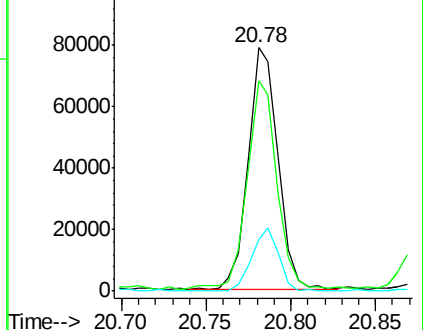
206 21.2 19.8 29.6

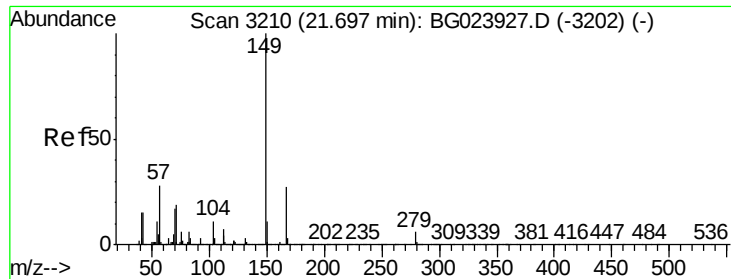


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

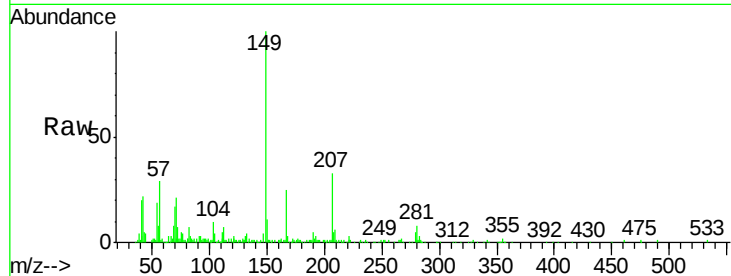




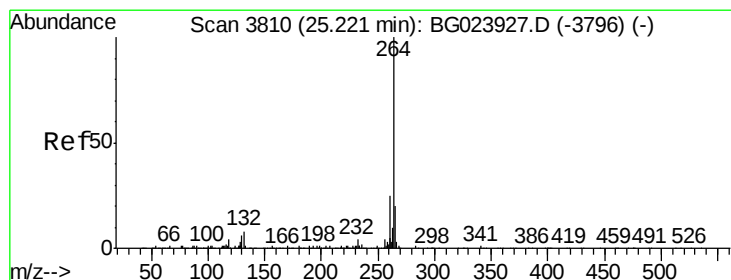
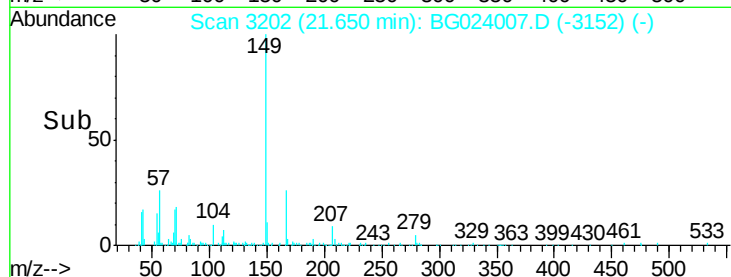
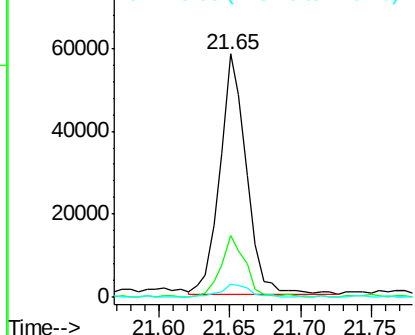
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.78 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.01 min
 Lab File: BG024007.D
 Acq: 16 Sep 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

Tot Ion:149 Resp: 74753
 Ion Ratio Lower Upper
 149 100
 167 25.5 24.0 36.0
 279 5.5 4.8 7.2

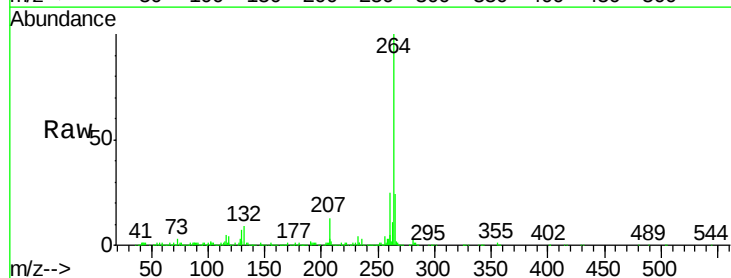


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.14 min Scan# 3796
 Delta R.T. -0.01 min
 Lab File: BG024007.D
 Acq: 16 Sep 2016 23:48

Tgt Ion:264 Resp: 484829
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.4 27.6
 265 23.5 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

