

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
 Data File : BG023987.D
 Acq On : 14 Sep 2016 18:25
 Operator : UM/SJ
 Sample : PB93367TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93367TB

Quant Time: Sep 14 19:11:59 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41481	20.00	ng	-0.03
21) Naphthalene-d8	10.91	136	189544	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	162368	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	379264	20.00	ng	-0.01
75) Chrysene-d12	21.83	240	397842	20.00	ng	-0.01
86) Perylene-d12	25.20	264	364590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	351708	148.86	ng	-0.02
7) Phenol-d6	7.25	99	517950	142.41	ng	-0.03
23) Nitrobenzene-d5	9.26	82	387742	91.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.25	330	310486	106.14	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	832209	73.48	ng	-0.01
78) Terphenyl-d14	20.12	244	1437522	82.29	ng	-0.01

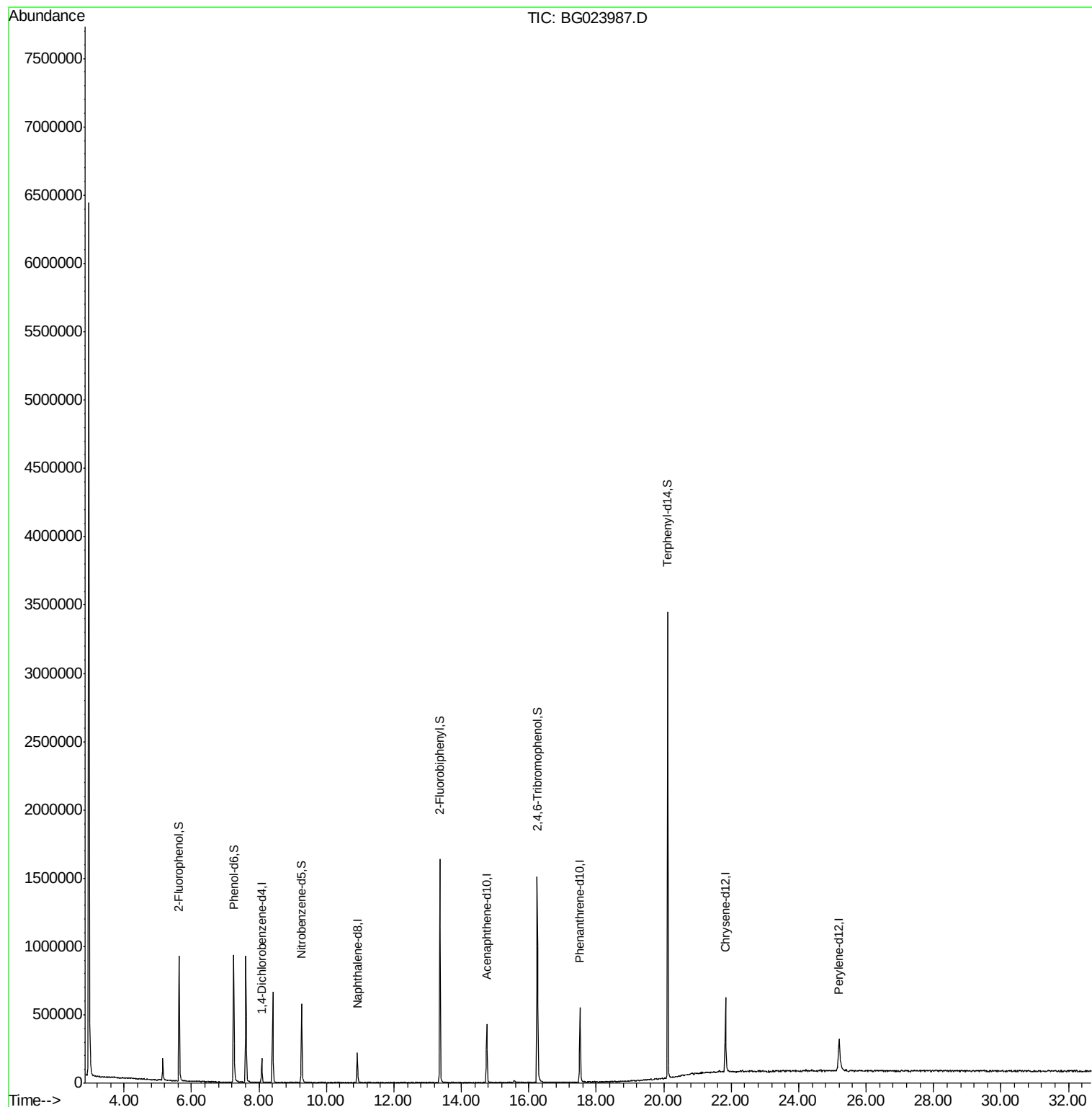
Target Compounds Qvalue

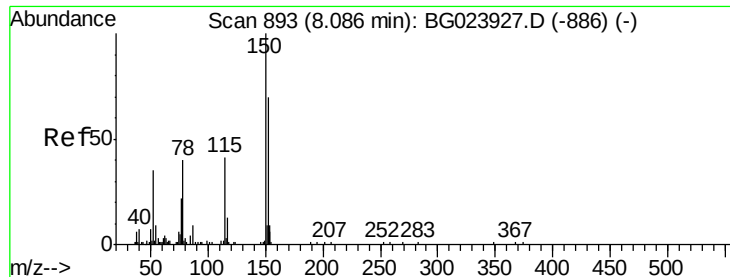
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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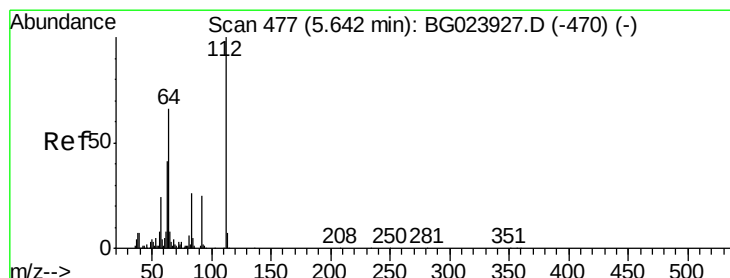
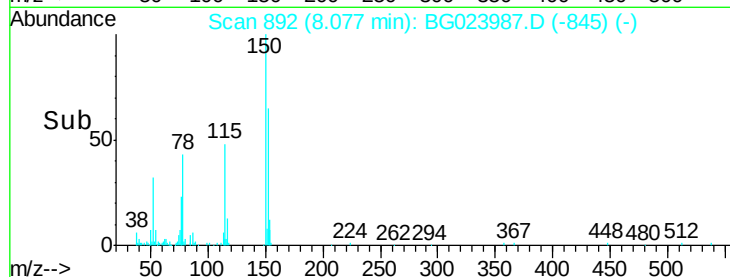
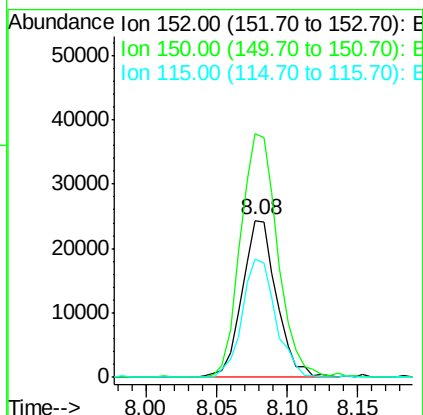
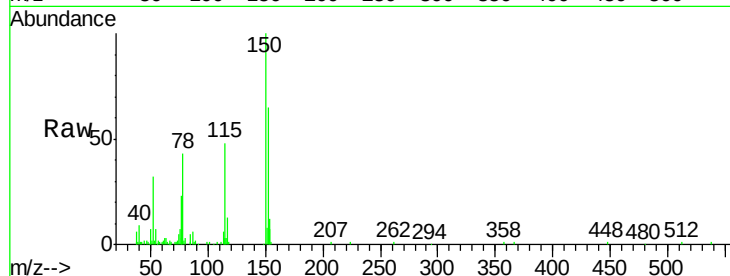


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 892
Delta R.T. -0.03 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Instrument :
BNA_G
ClientSampleId :
PB93367TB

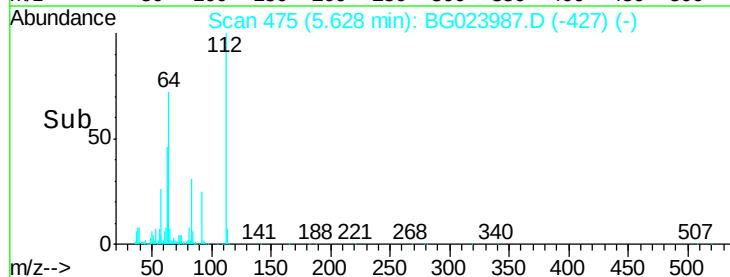
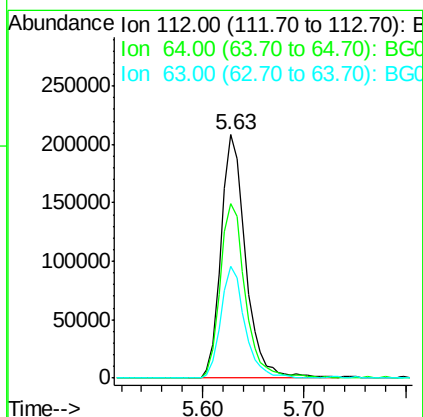
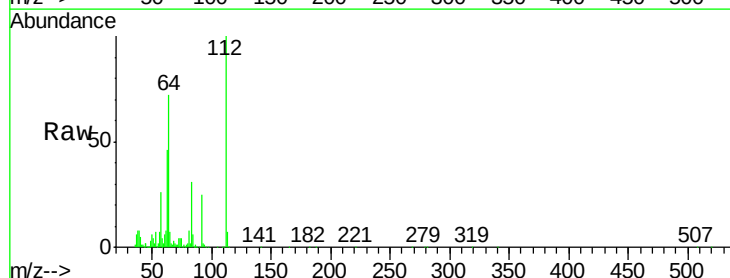
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	144.7	217.1
115	74.9	64.0	96.0

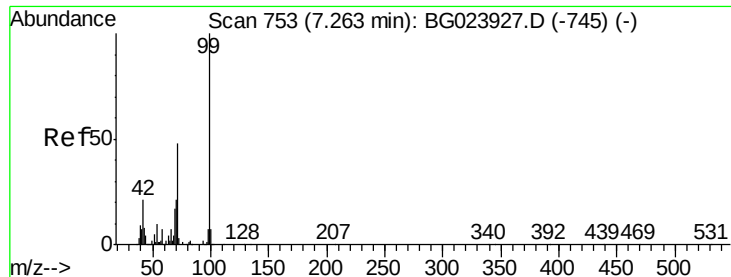


#5

2-Fluorophenol
Concen: 148.86 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.02 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	59.0	88.4
63	46.0	37.8	56.8





#7

Phenol-d6

Concen: 142.41 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023987.D

Acq: 14 Sep 2016 18:25

Instrument :

BNA_G

ClientSampleId :

PB93367TB

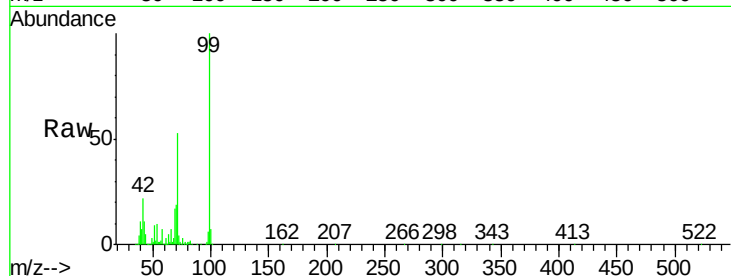
Tot Ion: 99 Resp: 517950

Ion Ratio Lower Upper

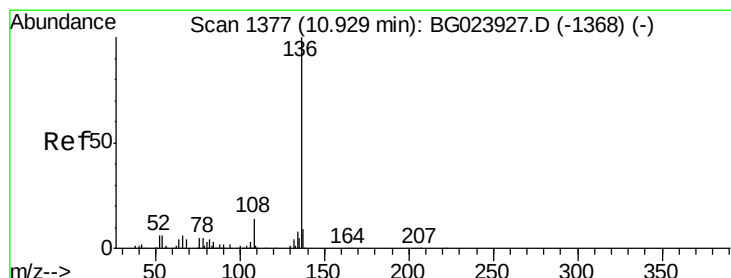
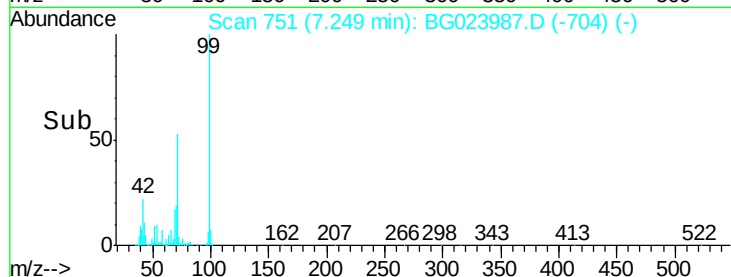
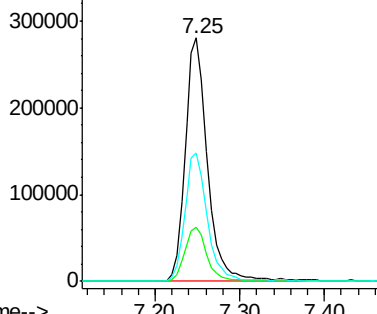
99 100

42 22.4 17.8 26.6

71 52.7 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: 10.91 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BG023987.D

Acq: 14 Sep 2016 18:25

Tgt Ion: 136 Resp: 189544

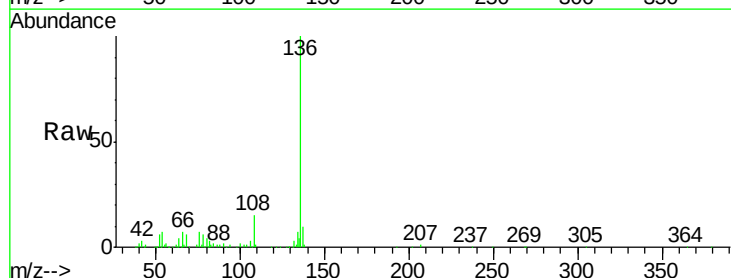
Ion Ratio Lower Upper

136 100

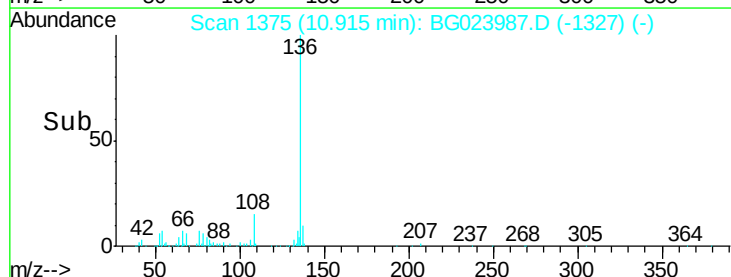
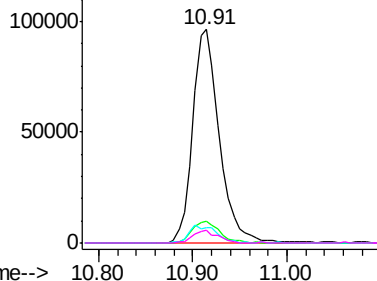
137 10.1 9.6 14.4

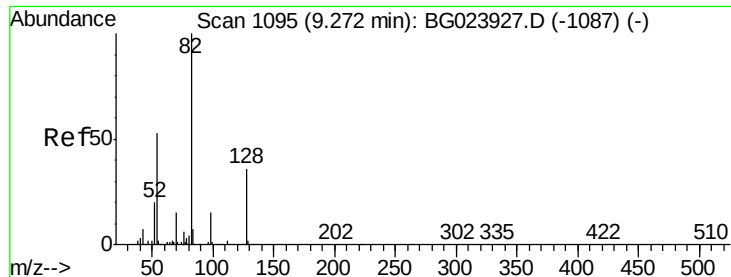
54 7.3 7.3 10.9

68 6.1 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

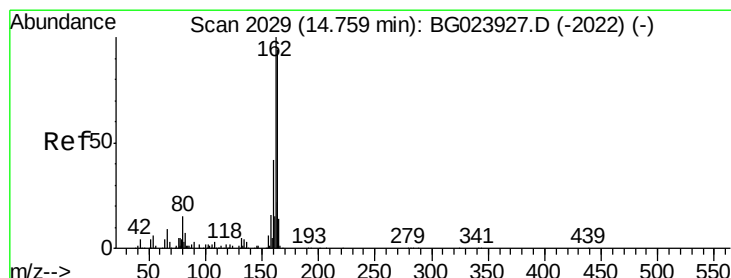
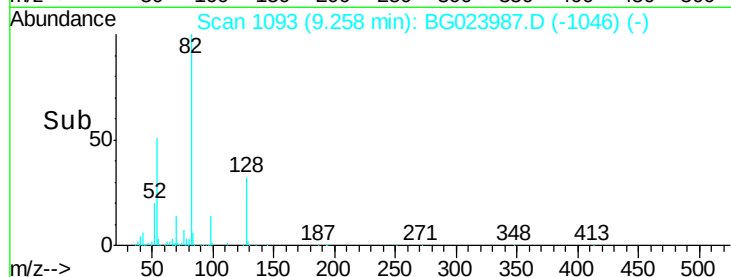
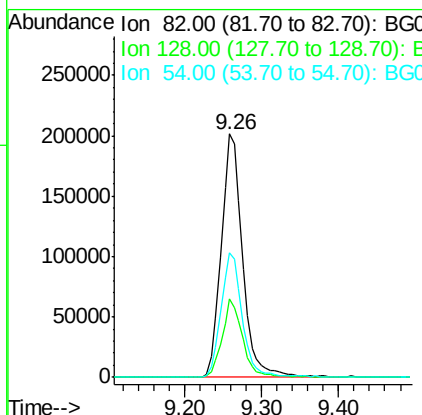
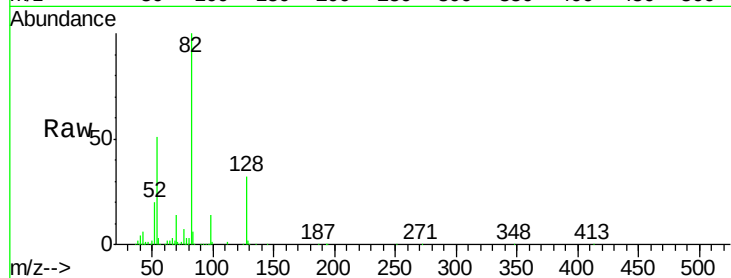




#23
Nitrobenzene-d5
Concen: 91.33 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

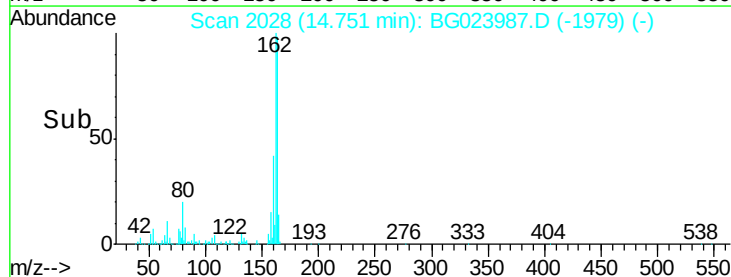
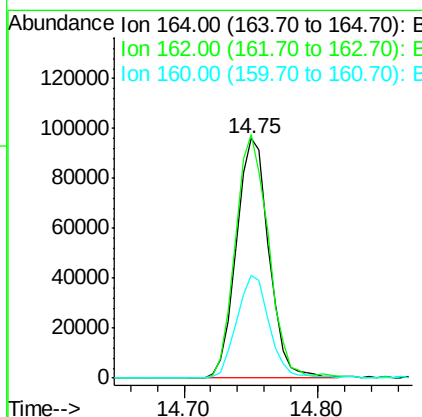
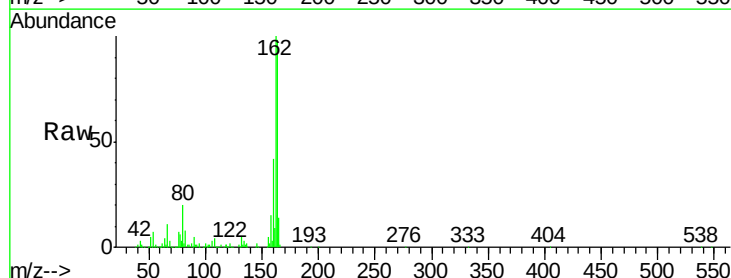
Instrument :
BNA_G
ClientSampleId :
PB93367TB

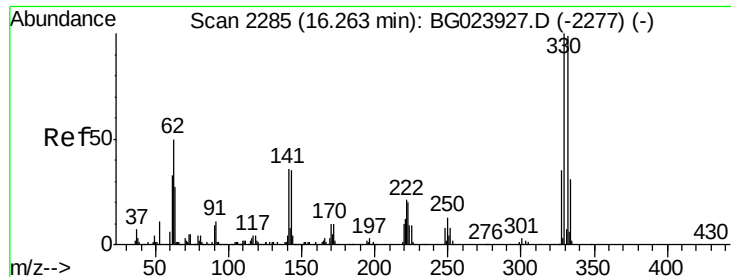
Tot Ion	82	Resp	387742
Ion Ratio	Lower	Upper	
82	100		
128	32.1	24.4	36.6
54	51.0	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Tgt Ion	164	Resp	162368
Ion Ratio	Lower	Upper	
164	100		
162	101.6	87.7	131.5
160	42.8	37.2	55.8

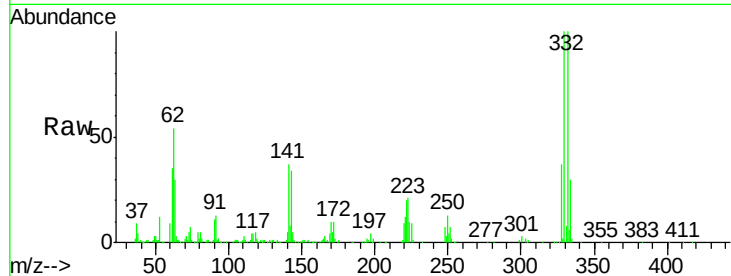




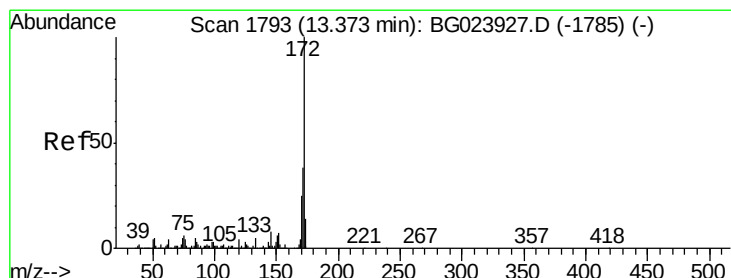
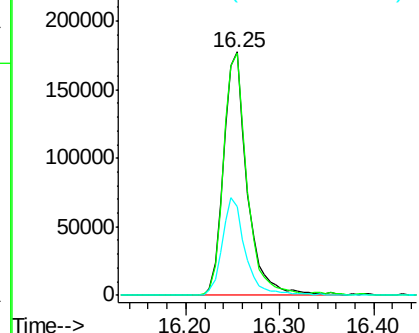
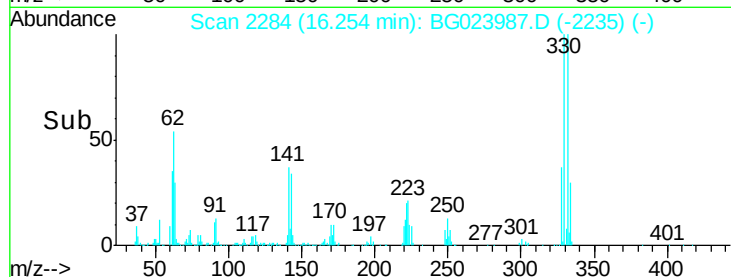
#41
 2,4,6-Tribromophenol
 Concen: 106.14 ng
 RT: 16.25 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG023987.D
 Acq: 14 Sep 2016 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB93367TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.2
141	39.2	31.7	47.5

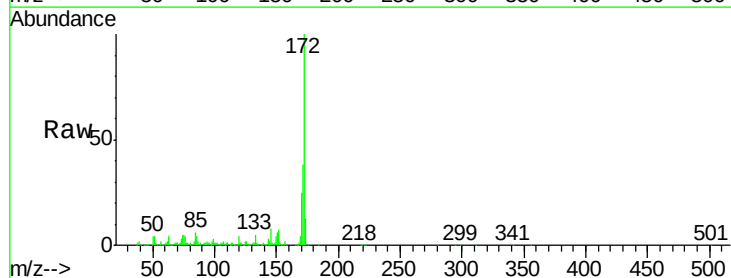


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

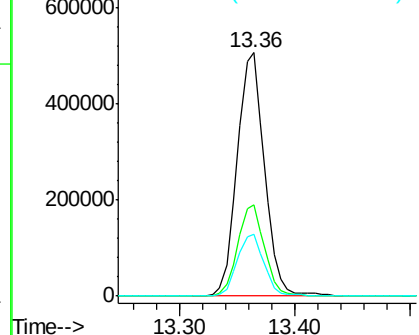
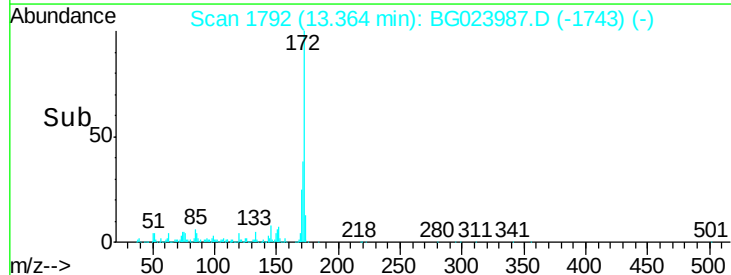


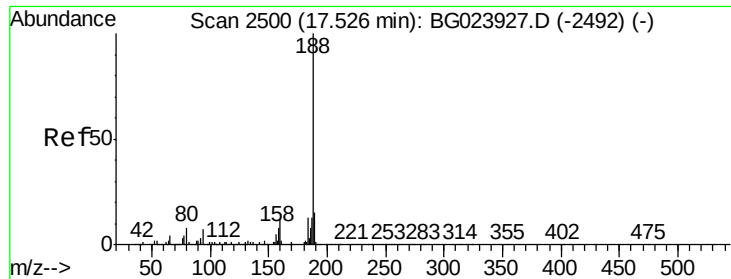
#44
 2-Fluorobiphenyl
 Concen: 73.48 ng
 RT: 13.36 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG023987.D
 Acq: 14 Sep 2016 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.6	47.4
170	25.3	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BG023987.D

Acq: 14 Sep 2016 18:25

Instrument :

BNA_G

ClientSampleId :

PB93367TB

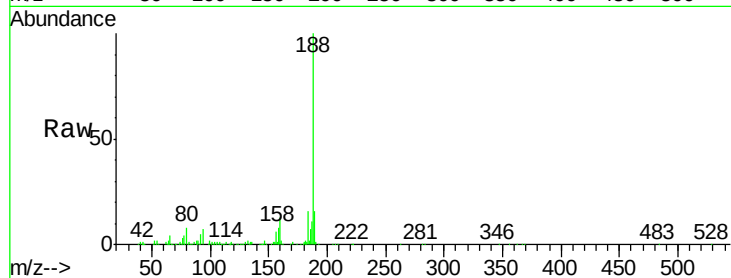
Tot Ion:188 Resp: 379264

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

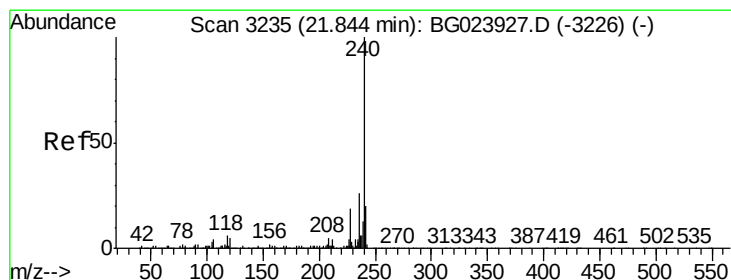
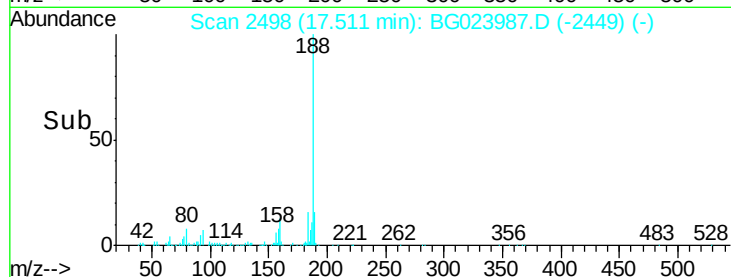
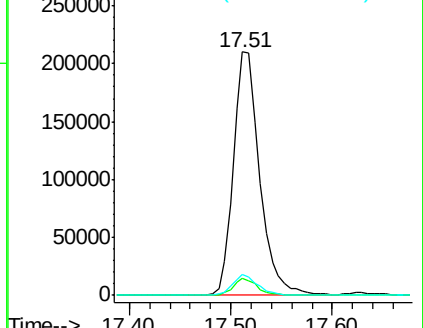
80 8.4 7.2 10.8



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: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG023987.D

Acq: 14 Sep 2016 18:25

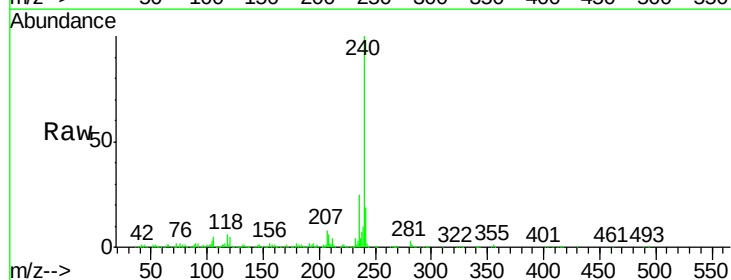
Tgt Ion:240 Resp: 397842

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

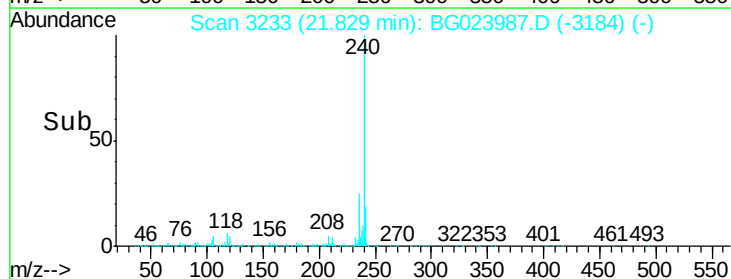
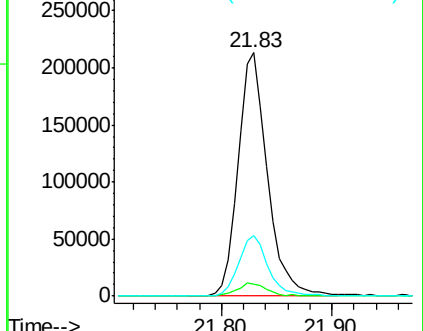
236 25.0 21.1 31.7

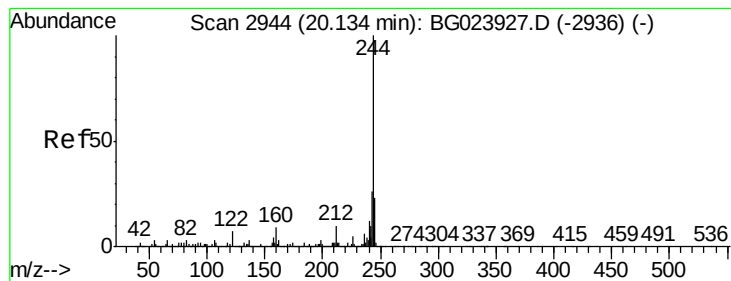


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.29 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG023987.D

Acq: 14 Sep 2016 18:25

Instrument :

BNA_G

ClientSampleId :

PB93367TB

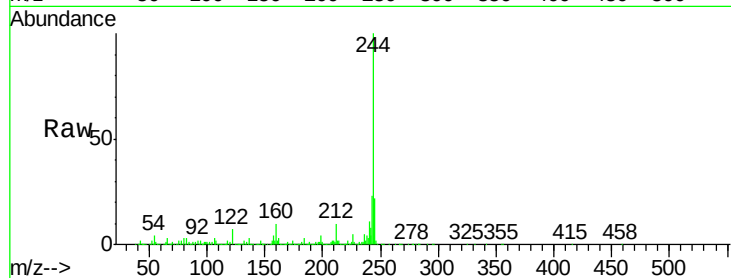
Tot Ion:244 Resp: 1437522

Ion Ratio Lower Upper

244 100

212 9.9 10.8 16.2#

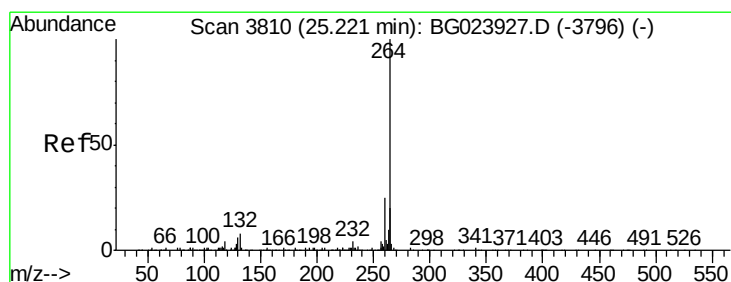
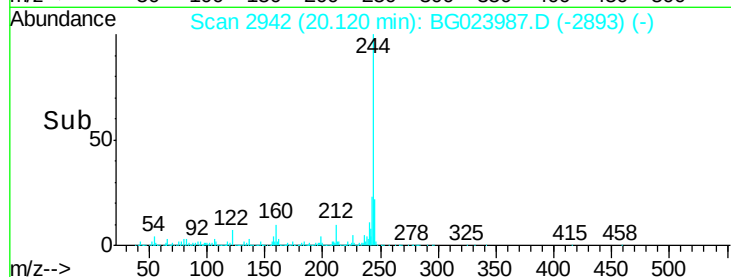
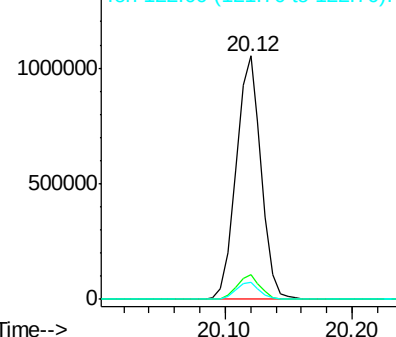
122 7.2 8.0 12.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG023987.D

Acq: 14 Sep 2016 18:25

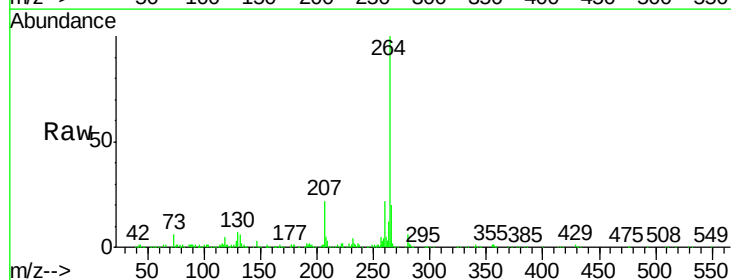
Tgt Ion:264 Resp: 364590

Ion Ratio Lower Upper

264 100

260 21.9 18.4 27.6

265 20.2 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

