

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
 Data File : BG023985.D
 Acq On : 14 Sep 2016 17:09
 Operator : UM/SJ
 Sample : PB93367BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93367BL

Quant Time: Sep 14 18:52:19 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	47255	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	204165	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	176061	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	391002	20.00	ng	0.00
75) Chrysene-d12	21.83	240	409808	20.00	ng	-0.01
86) Perylene-d12	25.20	264	385477	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	370219	137.55	ng	-0.02
7) Phenol-d6	7.25	99	541967	130.81	ng	-0.02
23) Nitrobenzene-d5	9.26	82	406680	88.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	329882	104.00	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	889932	72.47	ng	-0.01
78) Terphenyl-d14	20.12	244	1473564	81.89	ng	-0.01

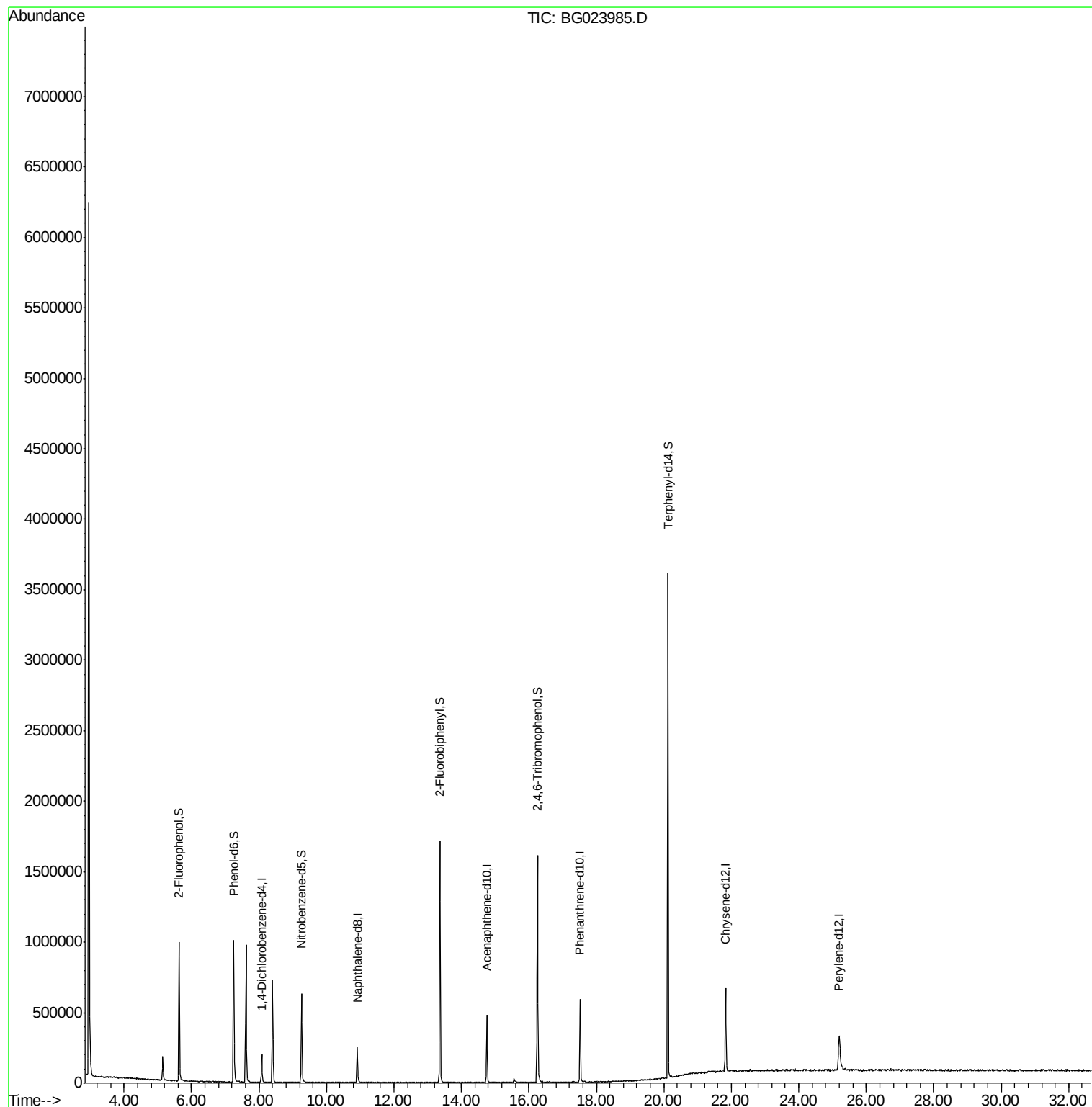
Target Compounds Qvalue

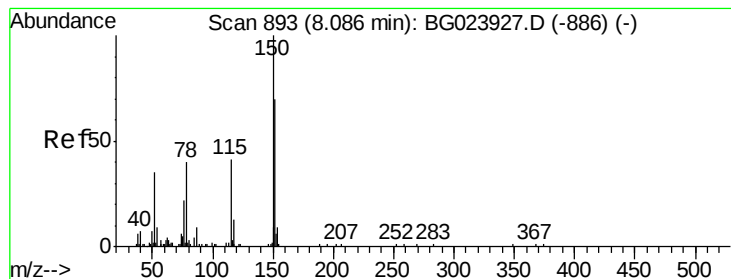
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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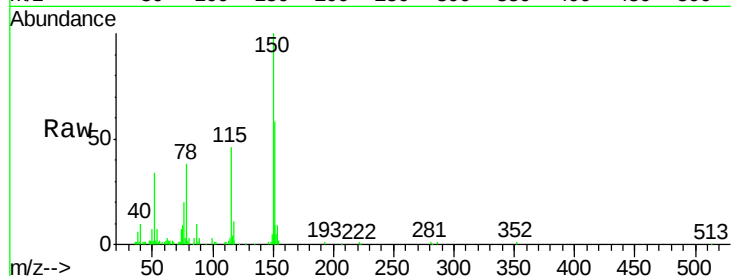


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 892
Delta R.T. -0.02 min
Lab File: BG023985.D
Acq: 14 Sep 2016 17:09

Instrument :
BNA_G
ClientSampleId :
PB93367BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	172.9	144.7	217.1
115	80.2	64.0	96.0

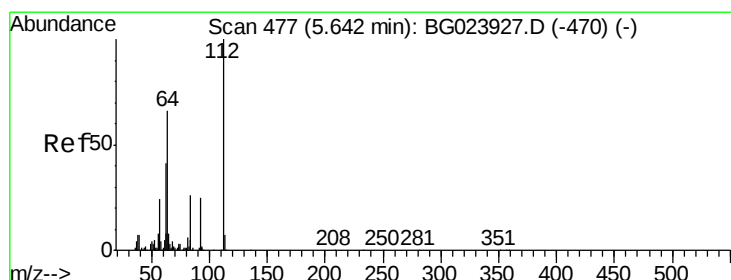
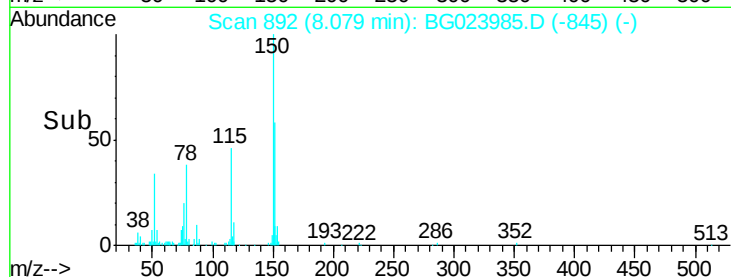
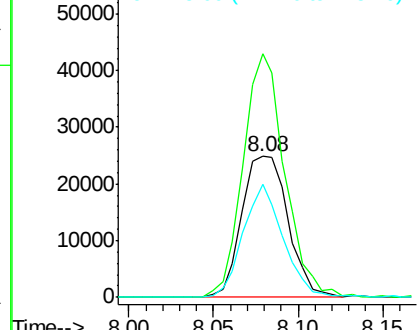


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

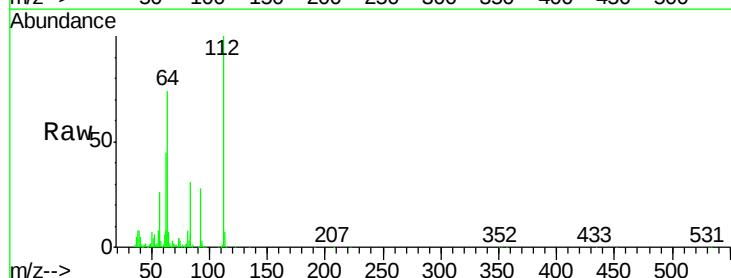
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.55 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.02 min
Lab File: BG023985.D
Acq: 14 Sep 2016 17:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	59.0	88.4
63	45.0	37.8	56.8

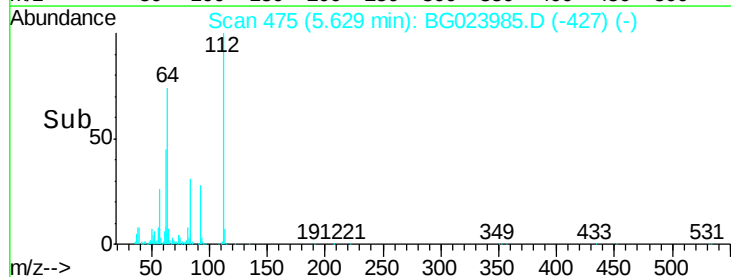
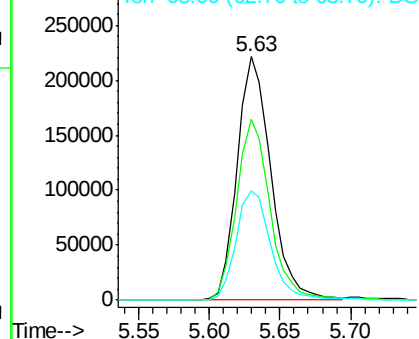


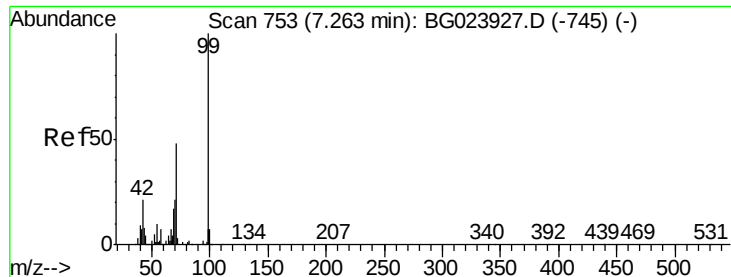
Abundance

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: 130.81 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023985.D

Acq: 14 Sep 2016 17:09

Instrument :

BNA_G

ClientSampleId :

PB93367BL

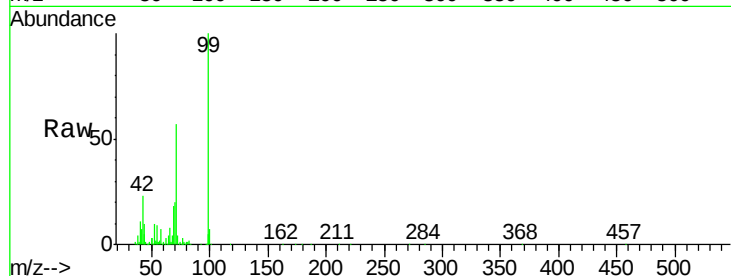
Tot Ion: 99 Resp: 541967

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.8	26.6
71	56.5	41.5	62.3

99 100

42 22.6 17.8 26.6

71 56.5 41.5 62.3

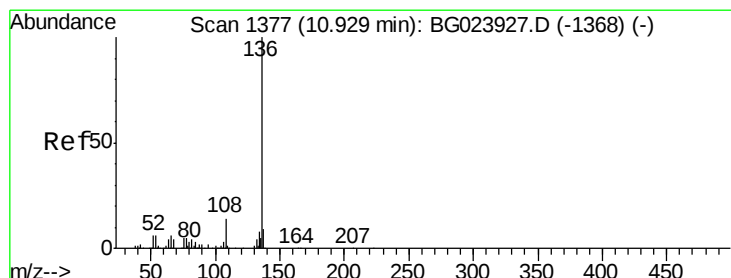
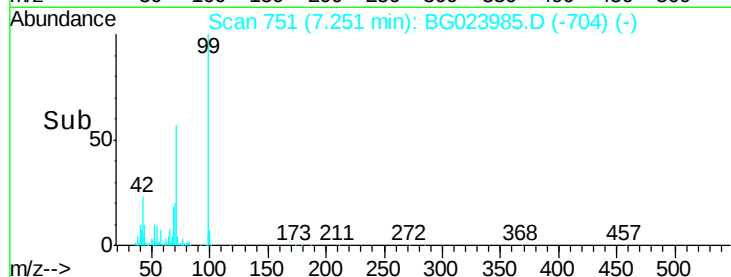
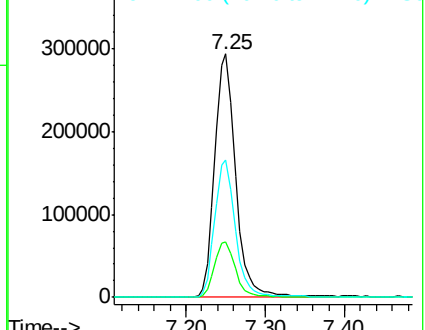


Abundance

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# 1374

Delta R.T. -0.02 min

Lab File: BG023985.D

Acq: 14 Sep 2016 17:09

Tgt Ion: 136 Resp: 204165

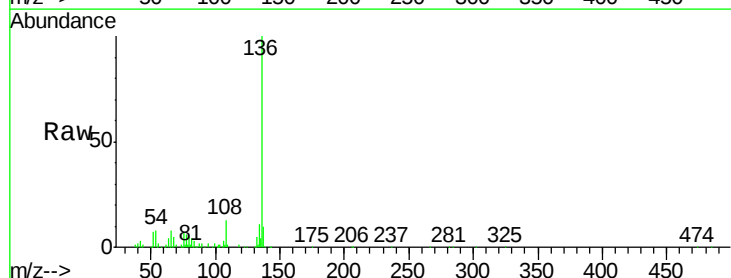
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.6	14.4#
54	8.4	7.3	10.9
68	4.6	5.3	7.9#

136 100

137 9.6 9.6 14.4#

54 8.4 7.3 10.9

68 4.6 5.3 7.9#



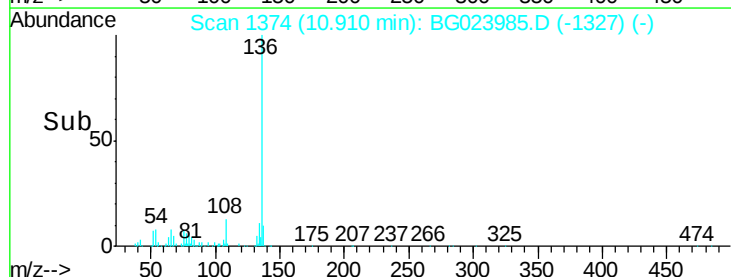
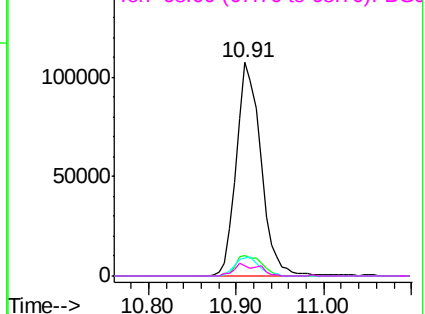
Abundance

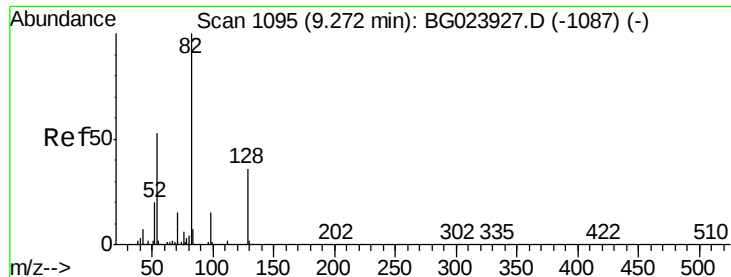
Ion 136.00 (135.70 to 136.70): BGC

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

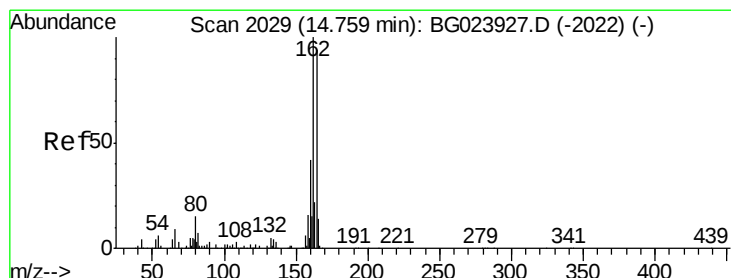
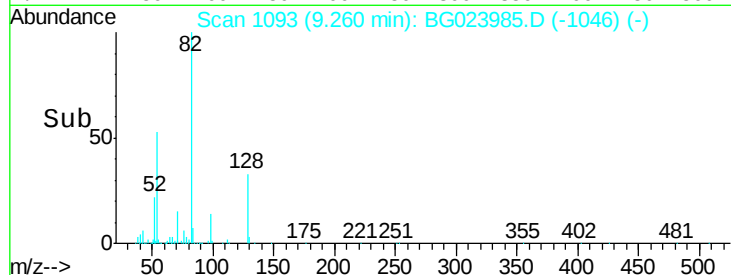
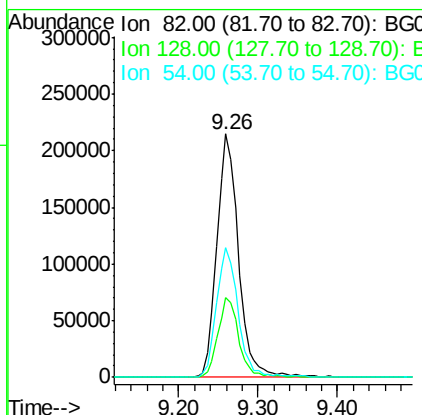
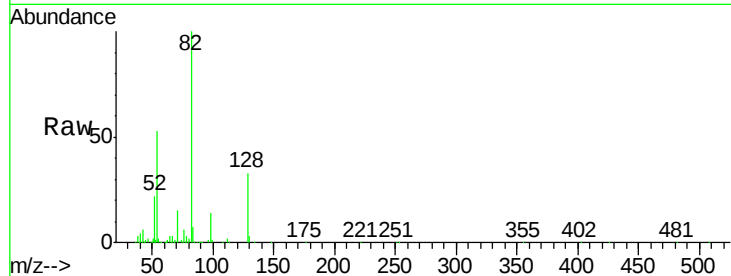




#23
 Nitrobenzene-d5
 Concen: 88.93 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.02 min
 Lab File: BG023985.D
 Acq: 14 Sep 2016 17:09

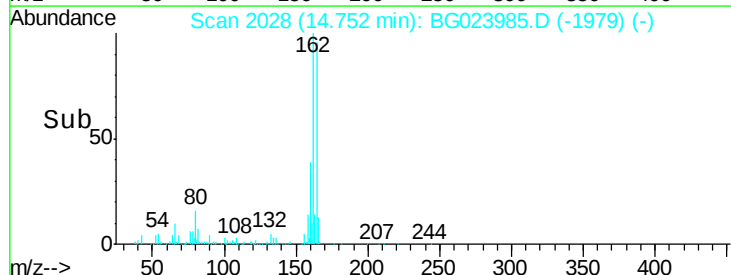
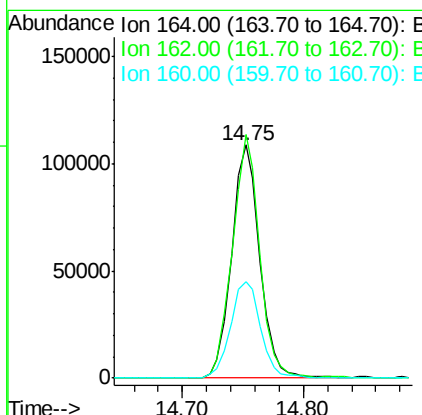
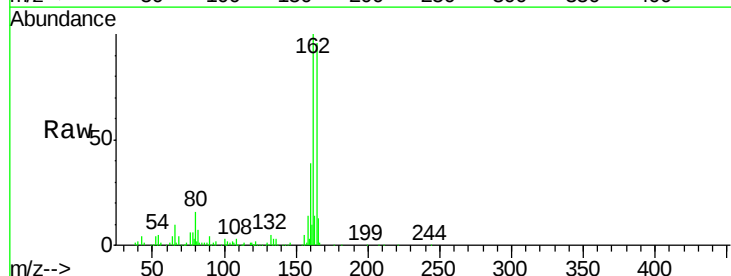
Instrument :
 BNA_G
 ClientSampleId :
 PB93367BL

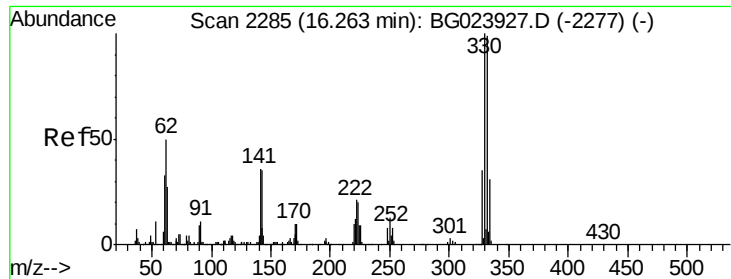
Tot Ion	82	Resp	406680
Ion Ratio	Lower	Upper	
82	100		
128	32.7	24.4	36.6
54	53.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG023985.D
 Acq: 14 Sep 2016 17:09

Tgt Ion	164	Resp	176061
Ion Ratio	Lower	Upper	
164	100		
162	104.6	87.7	131.5
160	41.2	37.2	55.8

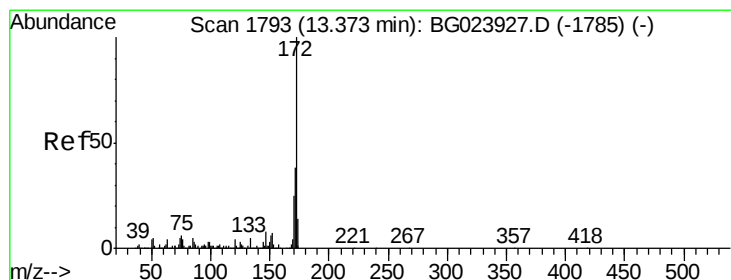
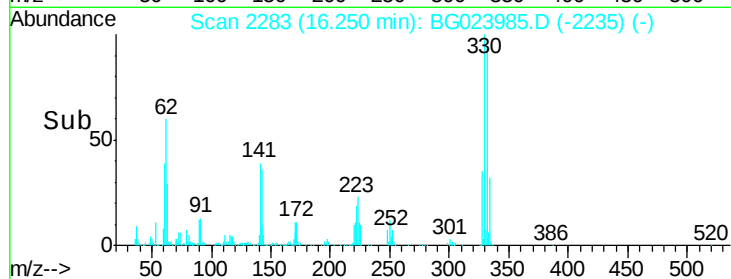
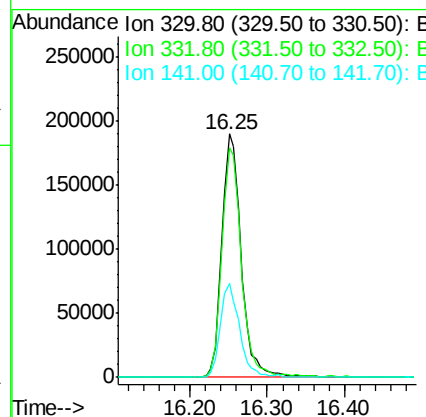
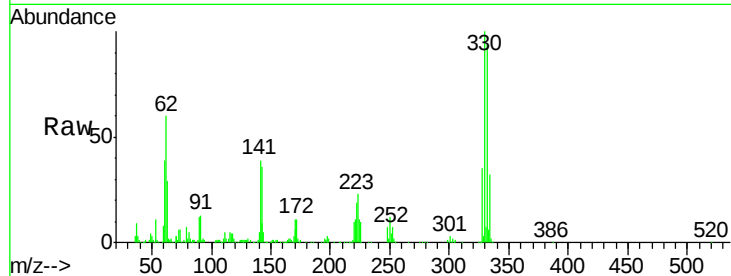




#41
 2,4,6-Tribromophenol
 Concen: 104.00 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BG023985.D
 Acq: 14 Sep 2016 17:09

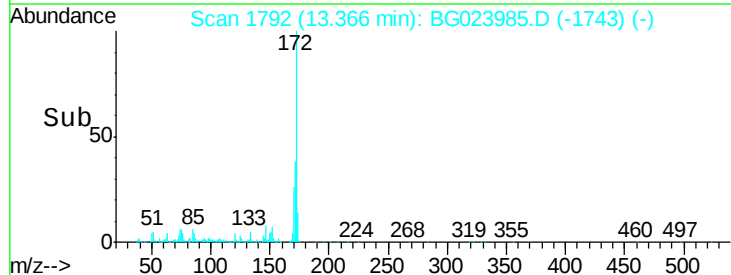
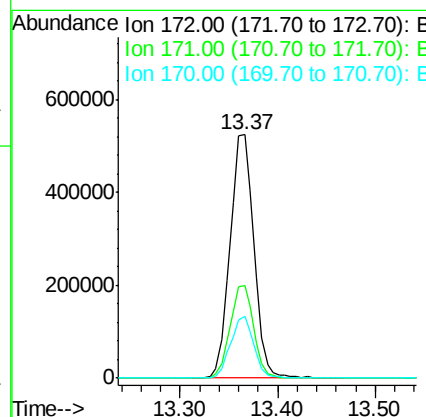
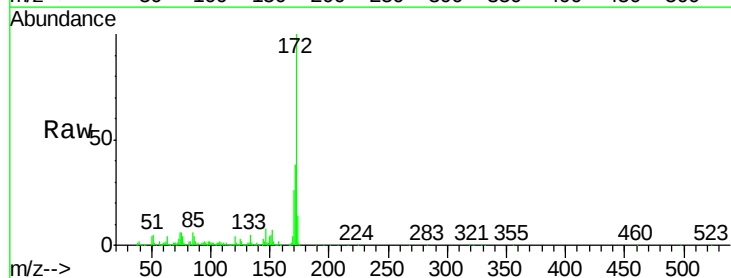
Instrument :
 BNA_G
 ClientSampleId :
 PB93367BL

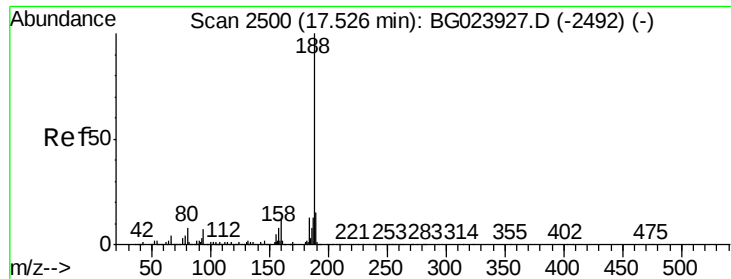
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	38.5	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 72.47 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG023985.D
 Acq: 14 Sep 2016 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.6	47.4
170	25.6	21.3	31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BG023985.D

Acq: 14 Sep 2016 17:09

Instrument :

BNA_G

ClientSampleId :

PB93367BL

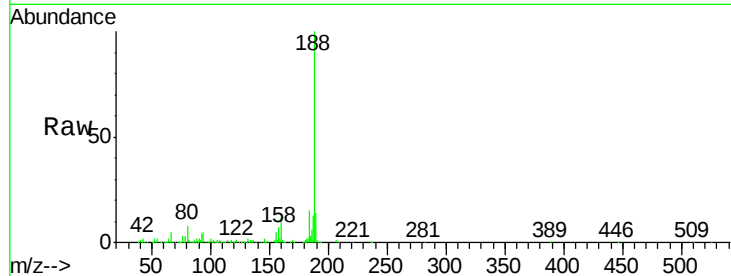
Tot Ion:188 Resp: 391002

Ion Ratio Lower Upper

188 100

94 5.5 5.2 7.8

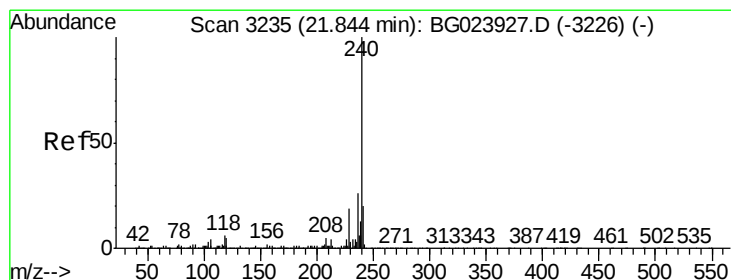
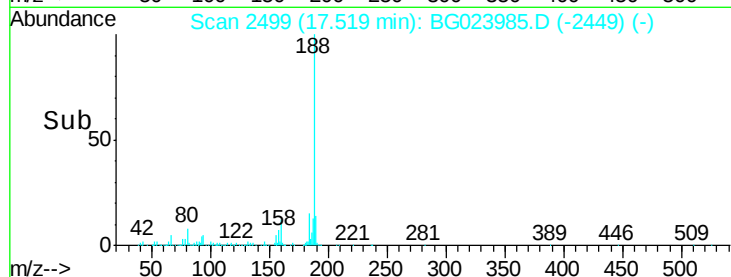
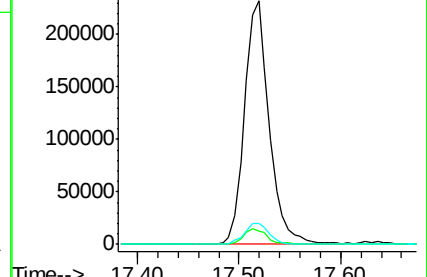
80 8.3 7.2 10.8



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: BG023985.D

Acq: 14 Sep 2016 17:09

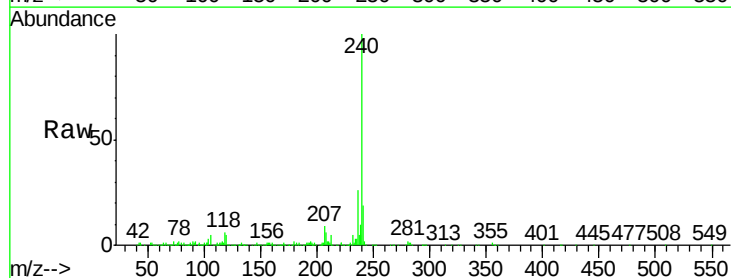
Tgt Ion:240 Resp: 409808

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

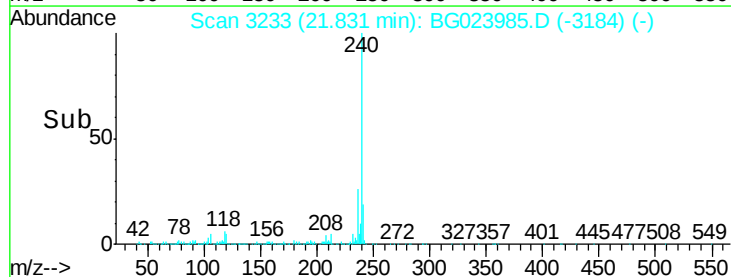
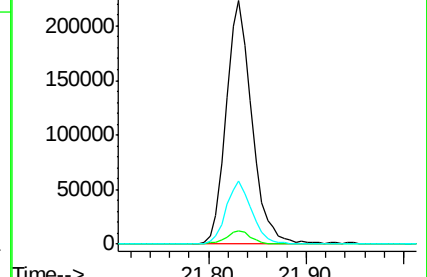
236 25.8 21.1 31.7

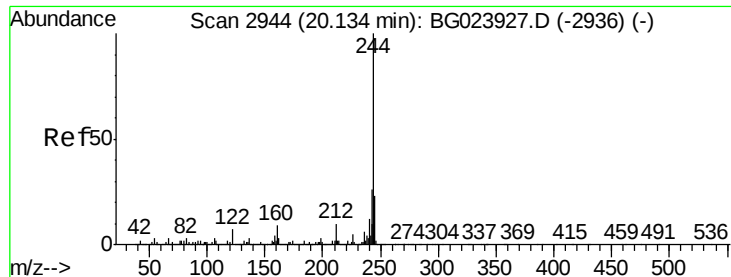


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.89 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG023985.D

Acq: 14 Sep 2016 17:09

Instrument :

BNA_G

ClientSampleID :

PB93367BL

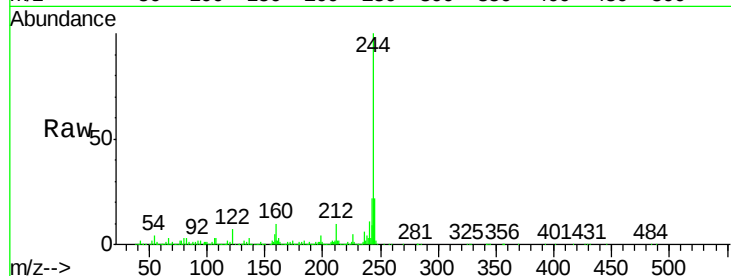
Tot Ion:244 Resp: 1473564

Ion Ratio Lower Upper

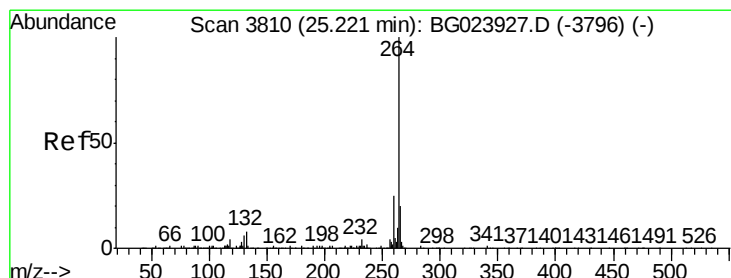
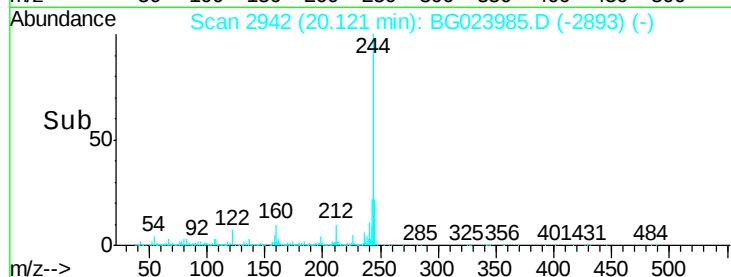
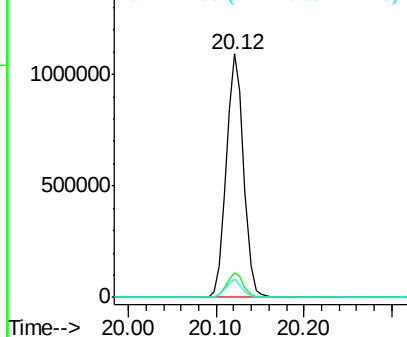
244 100

212 10.1 10.8 16.2#

122 7.3 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# 3806

Delta R.T. -0.01 min

Lab File: BG023985.D

Acq: 14 Sep 2016 17:09

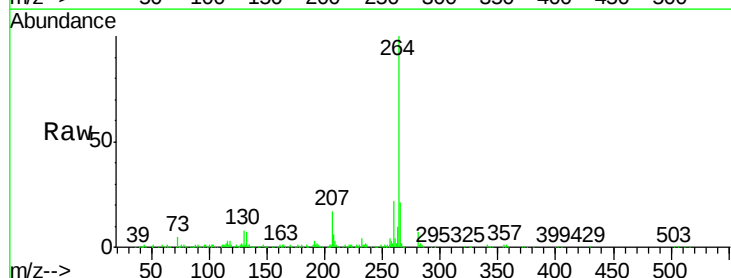
Tgt Ion:264 Resp: 385477

Ion Ratio Lower Upper

264 100

260 21.9 18.4 27.6

265 20.5 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

