

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024017.D
 Acq On : 17 Sep 2016 6:13
 Operator : UM/SJ
 Sample : PB93419TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93419TB

Quant Time: Sep 17 06:52:18 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 04:50:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39642	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	168727	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	153966	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	392228	20.00	ng	0.00
75) Chrysene-d12	21.81	240	428661	20.00	ng	0.00
86) Perylene-d12	25.14	264	414561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	323584	143.31	ng	0.00
7) Phenol-d6	7.22	99	481714	138.59	ng	-0.01
23) Nitrobenzene-d5	9.24	82	354896	93.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	297582	107.28	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	749925	69.83	ng	0.00
78) Terphenyl-d14	20.10	244	1477621	78.50	ng	0.00

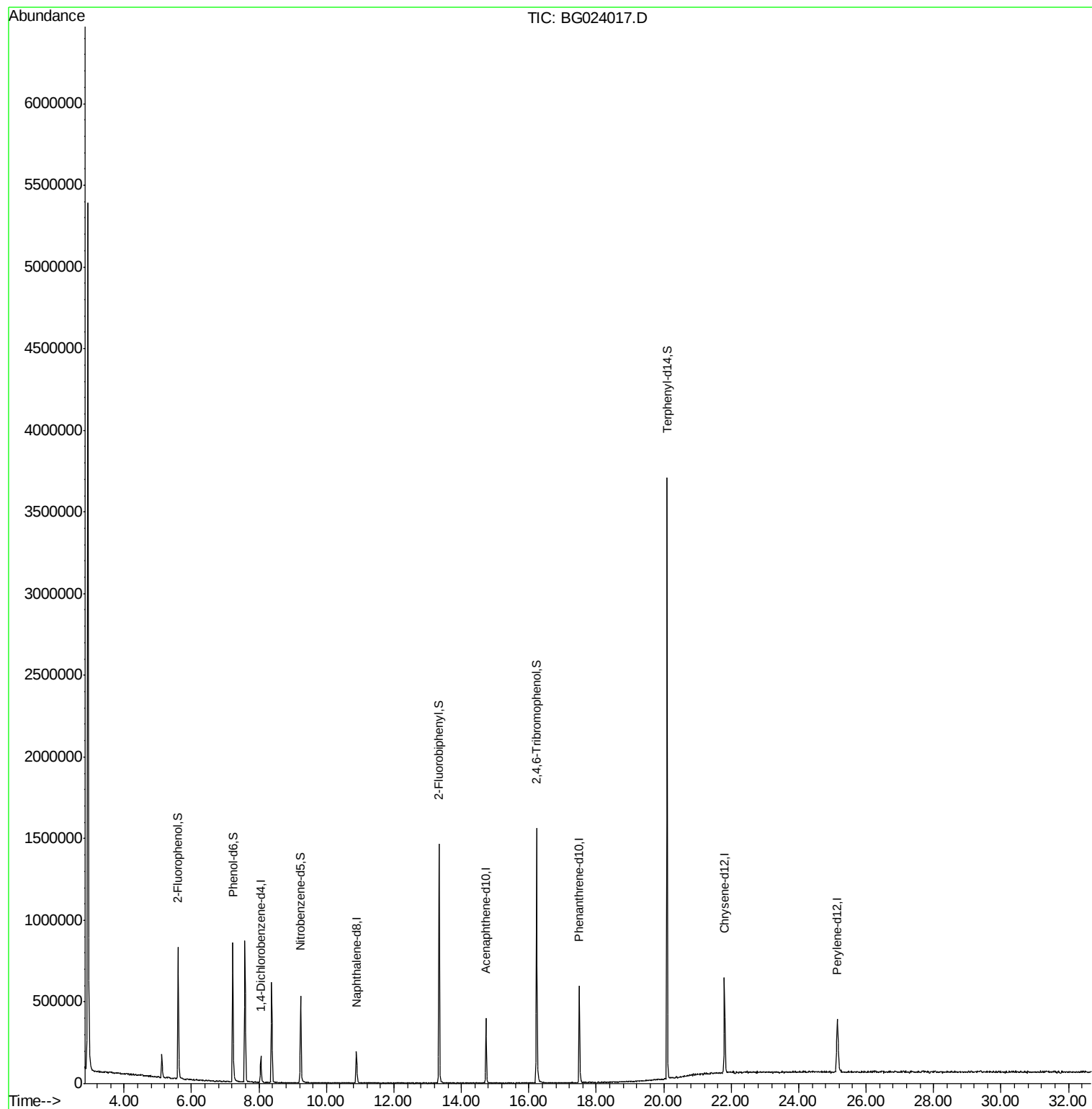
Target Compounds Qvalue

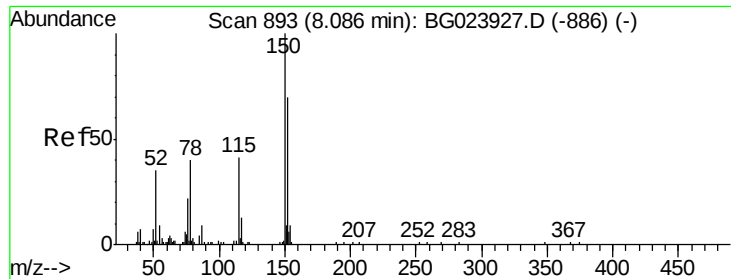
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

Instrument :

BNA_G

ClientSampleId :

PB93419TB

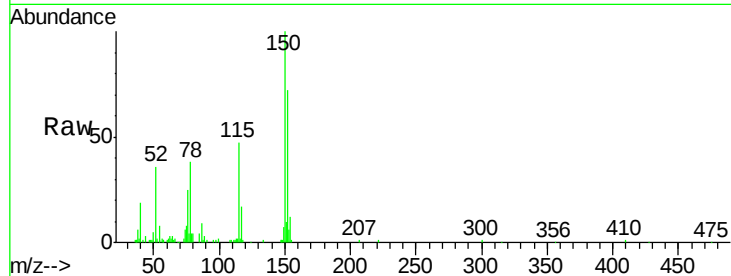
Tot Ion:152 Resp: 39642

Ion Ratio Lower Upper

152 100

150 138.8 144.7 217.1#

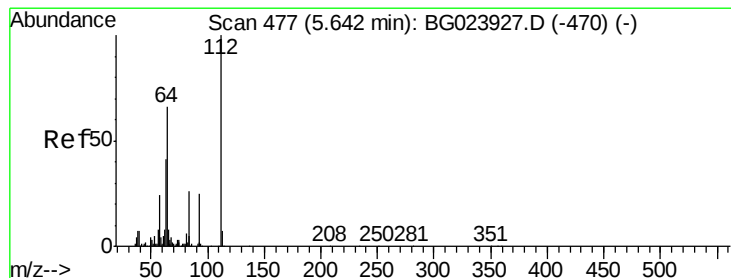
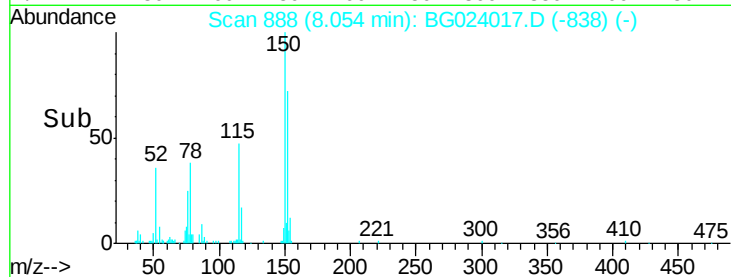
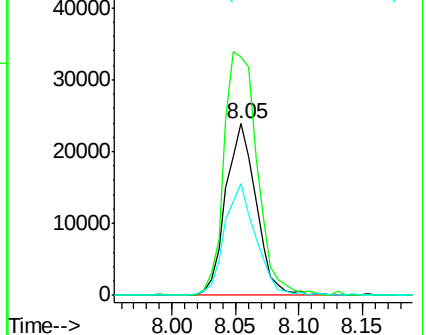
115 65.4 64.0 96.0



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: 143.31 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.01 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

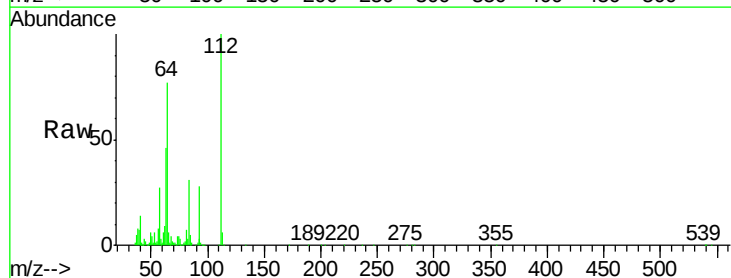
Tgt Ion:112 Resp: 323584

Ion Ratio Lower Upper

112 100

64 76.8 59.0 88.4

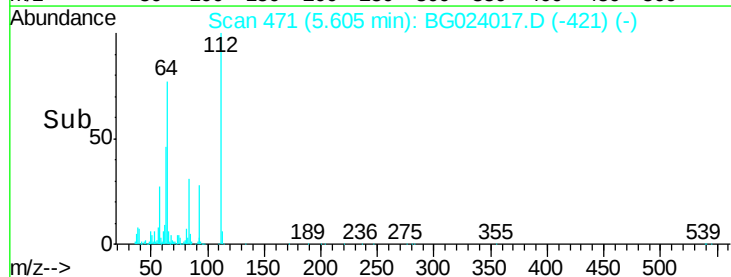
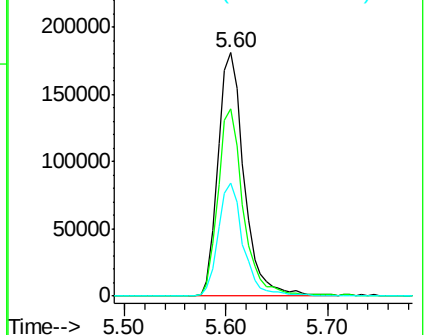
63 46.3 37.8 56.8

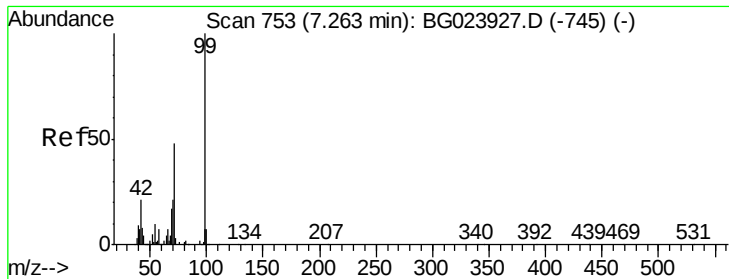


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 138.59 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

Instrument :

BNA_G

ClientSampleId :

PB93419TB

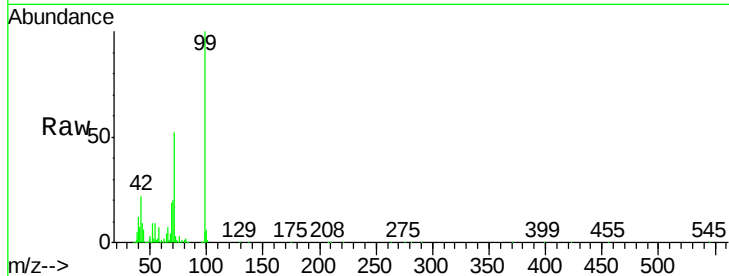
Tot Ion: 99 Resp: 481714

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.8	26.6
71	51.9	41.5	62.3

99 100

42 22.3 17.8 26.6

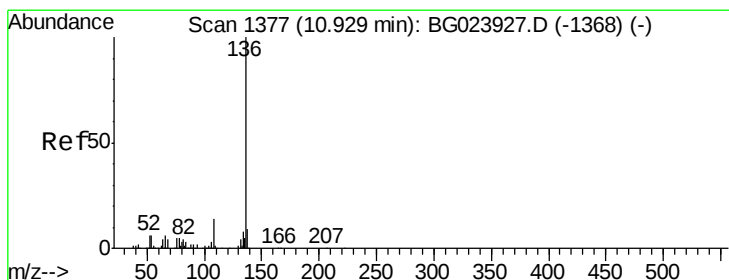
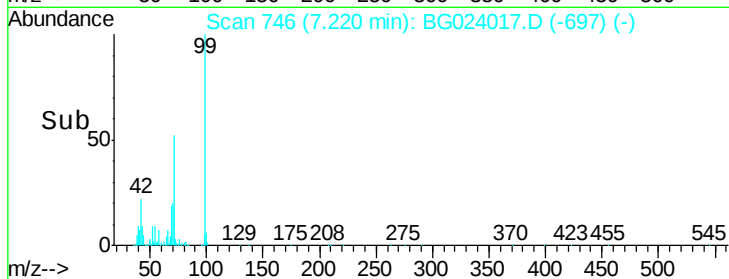
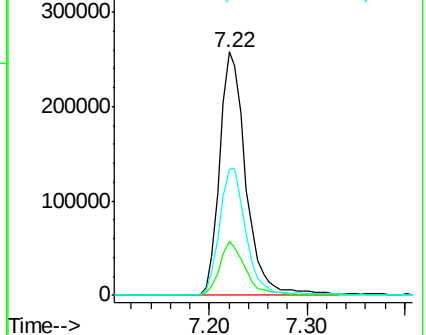
71 51.9 41.5 62.3



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# 1371

Delta R.T. 0.00 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

Tgt Ion: 136 Resp: 168727

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	8.6	7.3	10.9
68	6.0	5.3	7.9

136 100

137 12.4 9.6 14.4

54 8.6 7.3 10.9

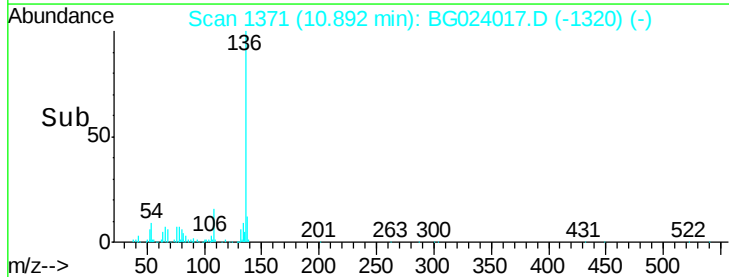
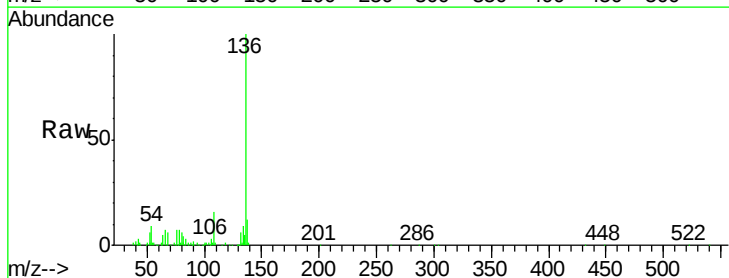
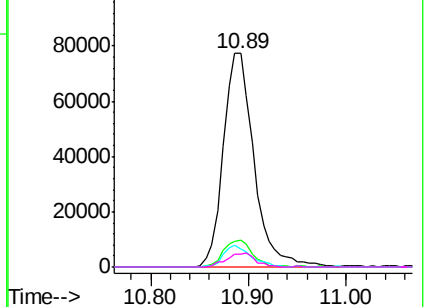
68 6.0 5.3 7.9

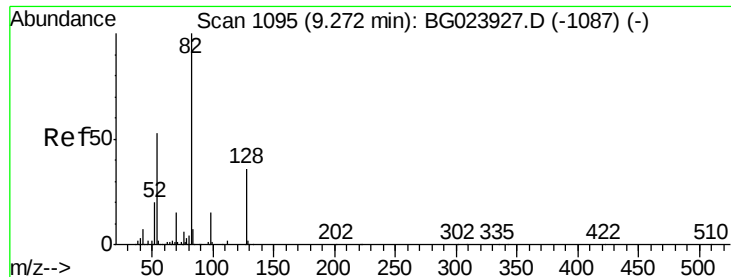
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

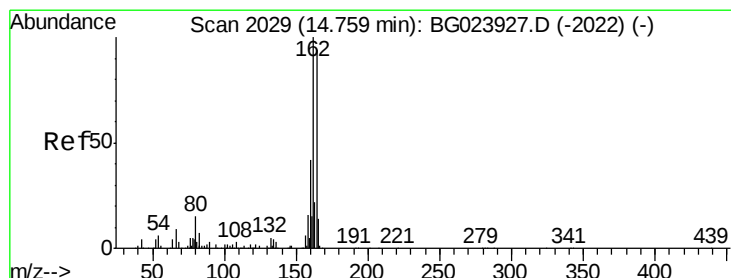
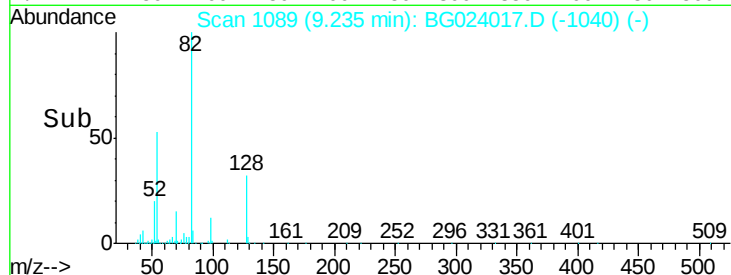
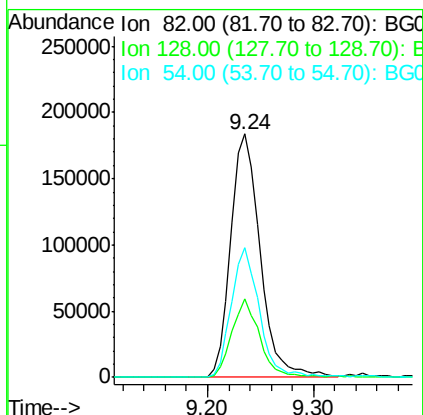
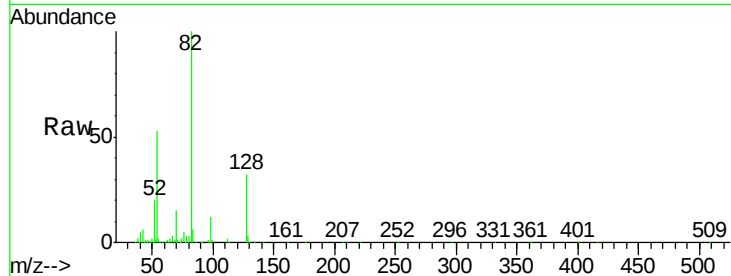




#23
Nitrobenzene-d5
Concen: 93.90 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BG024017.D
Acq: 17 Sep 2016 6:13

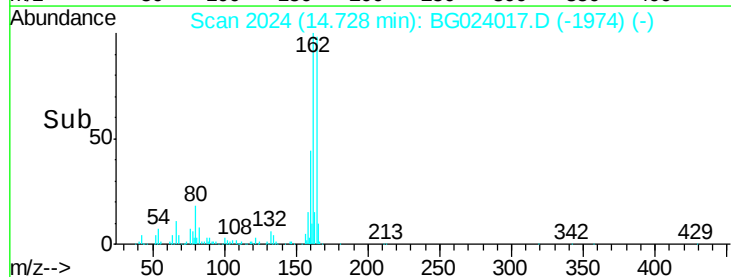
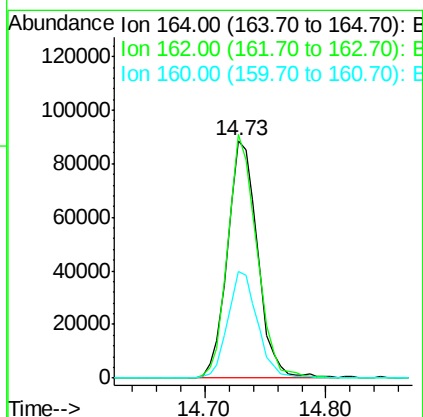
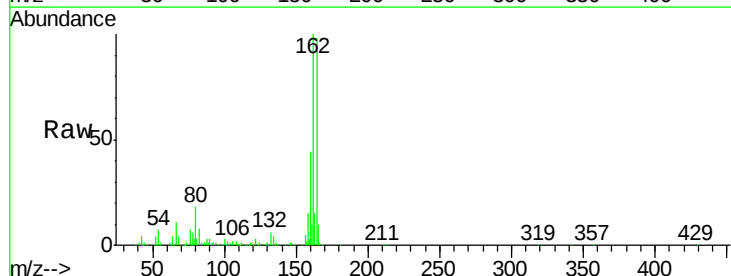
Instrument :
BNA_G
ClientSampleId :
PB93419TB

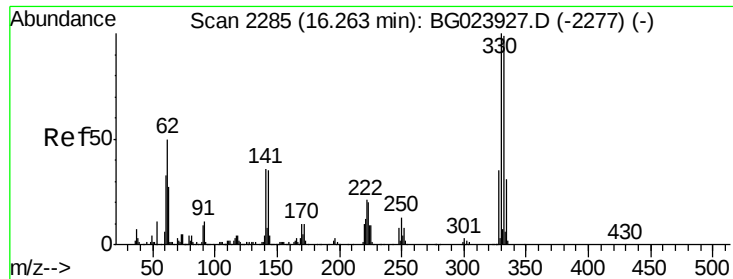
Tot Ion	82	Resp	354896
Ion Ratio	Lower	Upper	
82	100		
128	32.2	24.4	36.6
54	53.4	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG024017.D
Acq: 17 Sep 2016 6:13

Tgt Ion	164	Resp	153966
Ion Ratio	Lower	Upper	
164	100		
162	102.4	87.7	131.5
160	44.9	37.2	55.8

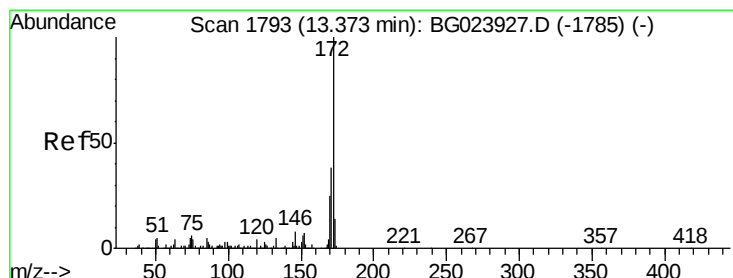
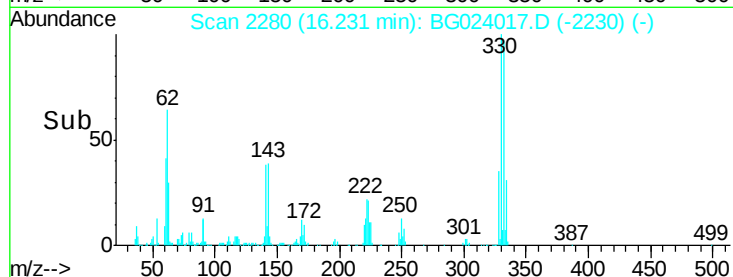
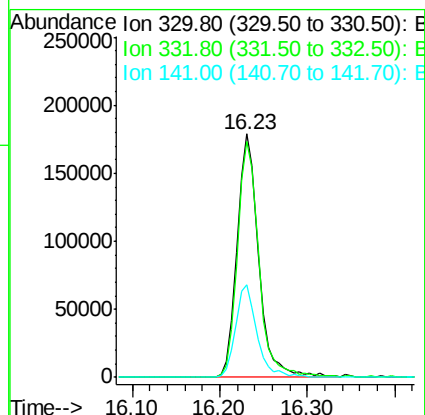
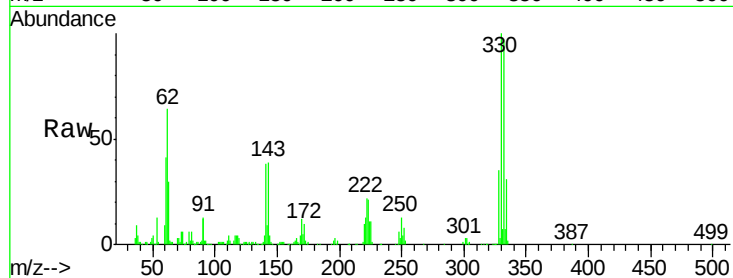




#41
 2,4,6-Tribromophenol
 Concen: 107.28 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG024017.D
 Acq: 17 Sep 2016 6:13

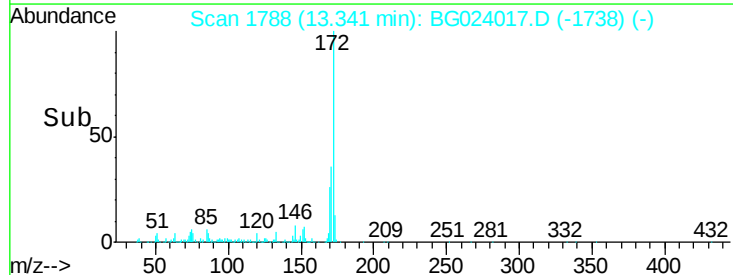
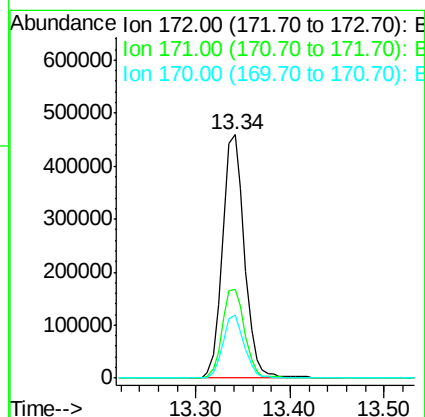
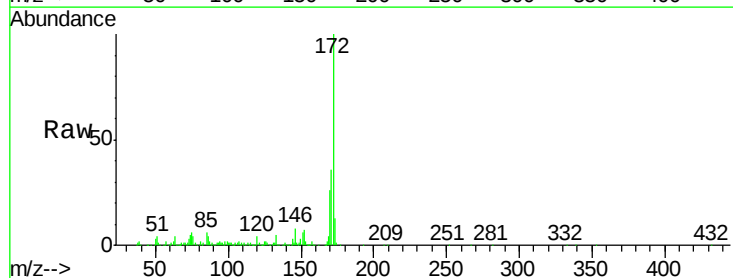
Instrument :
 BNA_G
 ClientSampleId :
 PB93419TB

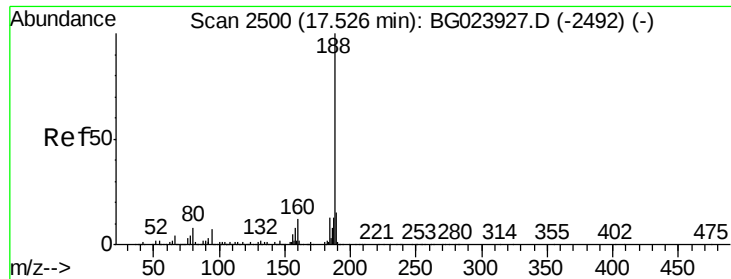
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	37.8	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 69.83 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG024017.D
 Acq: 17 Sep 2016 6:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.6	47.4
170	25.8	21.3	31.9

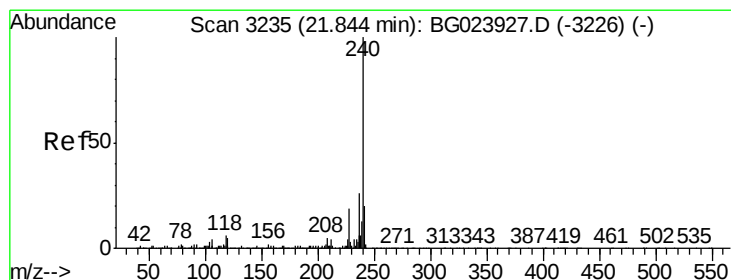
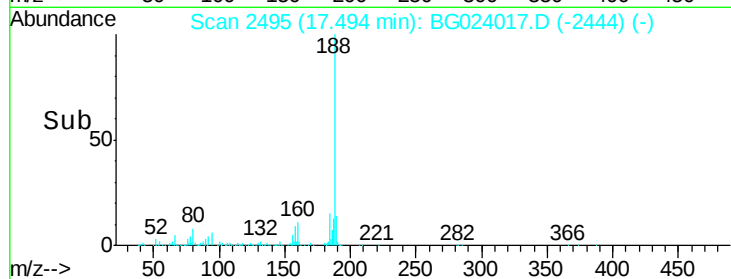
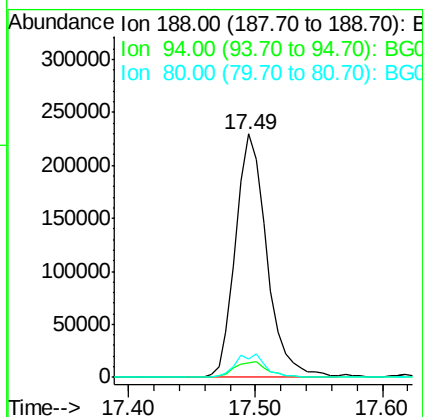
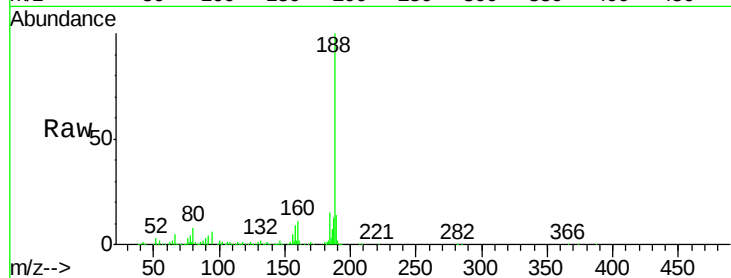




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BG024017.D
Acq: 17 Sep 2016 6:13

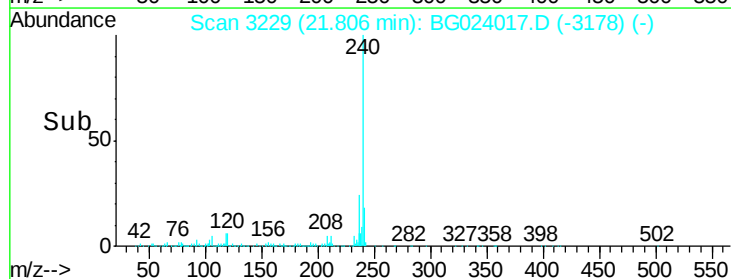
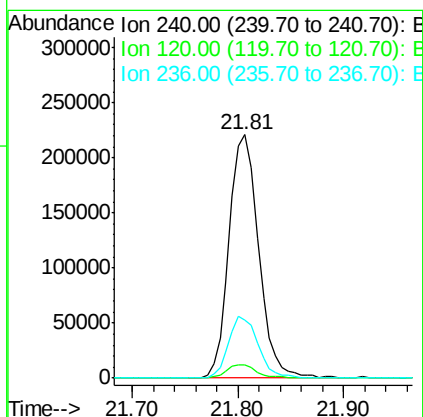
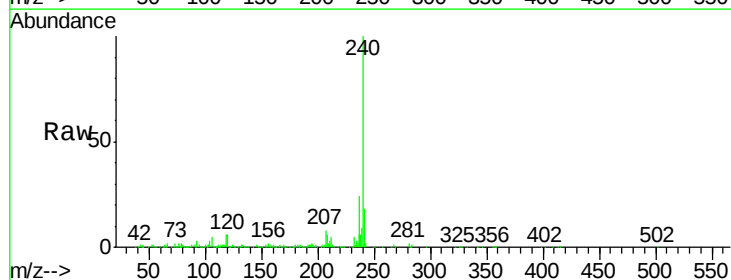
Instrument :
BNA_G
ClientSampleId :
PB93419TB

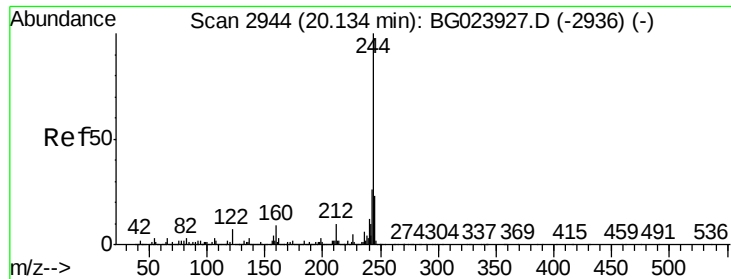
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.2	7.8
80	7.8	7.2	10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.81 min Scan# 3229
Delta R.T. 0.00 min
Lab File: BG024017.D
Acq: 17 Sep 2016 6:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.1	6.1
236	23.8	21.1	31.7





#78

Terphenyl-d14

Concen: 78.50 ng

RT: 20.10 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

Instrument :

BNA_G

ClientSampleId :

PB93419TB

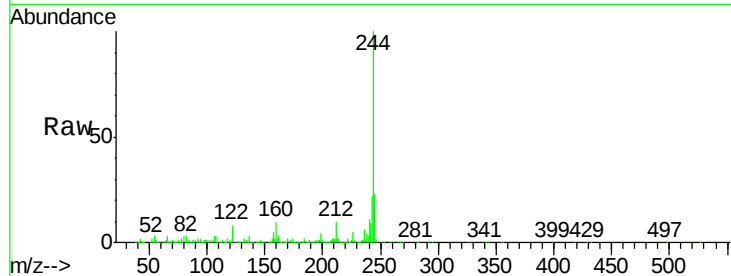
Tot Ion:244 Resp: 1477621

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

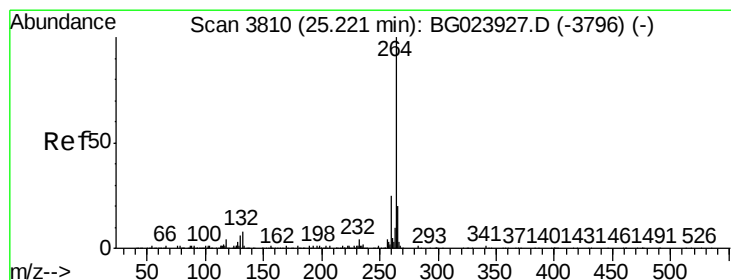
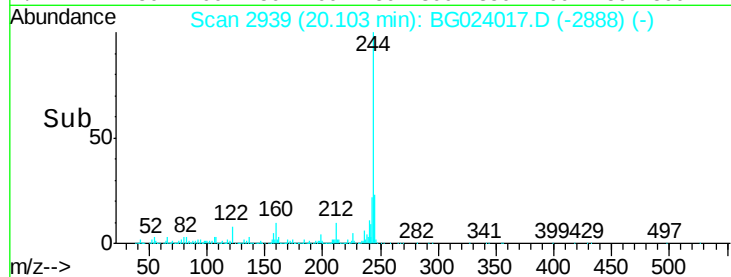
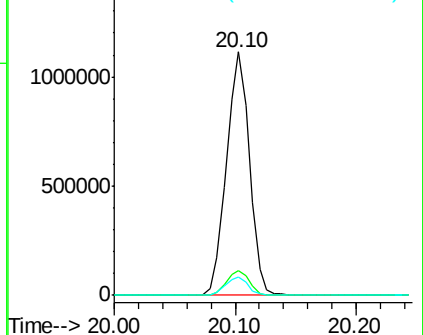
122 7.8 8.0 12.0#



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: 25.14 min Scan# 3797

Delta R.T. -0.01 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

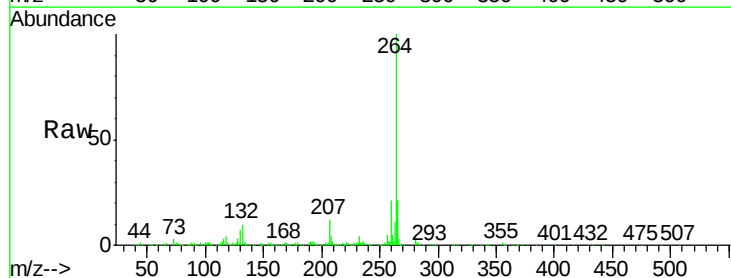
Tgt Ion:264 Resp: 414561

Ion Ratio Lower Upper

264 100

260 20.8 18.4 27.6

265 21.1 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

