

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
 Data File : BG015896.D
 Acq On : 20 Jan 2015 18:09
 Operator : TP/IZ
 Sample : PB81414BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81414BL

Quant Time: Jan 21 12:47:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	92369	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	333295	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	295947	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	819282	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1191843	20.00	ng	0.00
86) Perylene-d12	23.52	264	1086886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	747747	120.55	ng	0.00
7) Phenol-d6	6.87	99	1164016	116.45	ng	0.00
23) Nitrobenzene-d5	8.84	82	970032	83.90	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	609732	112.54	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1600568	84.86	ng	0.00
78) Terphenyl-d14	19.71	244	3536256	84.10	ng	0.00

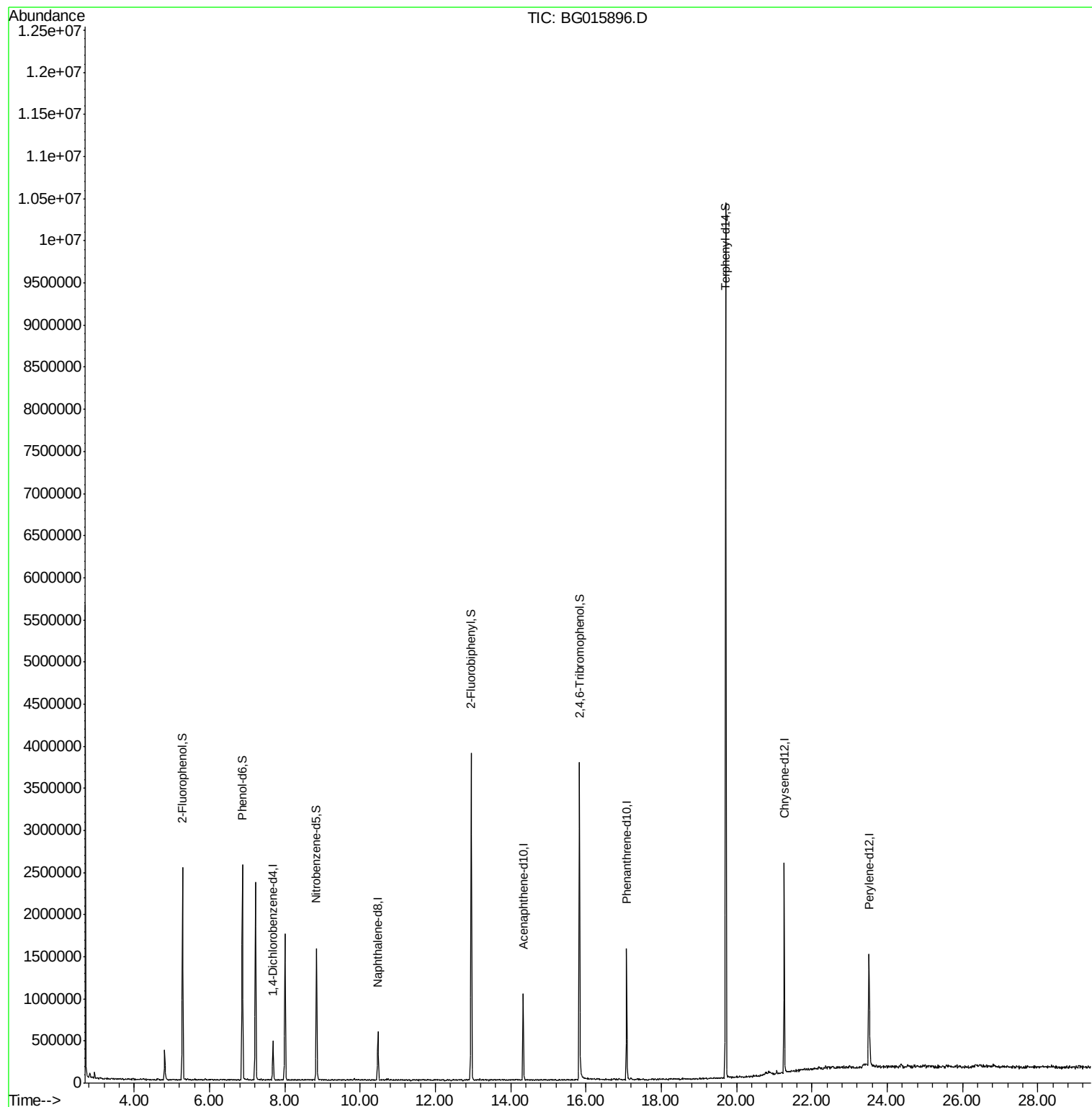
Target Compounds	Qvalue
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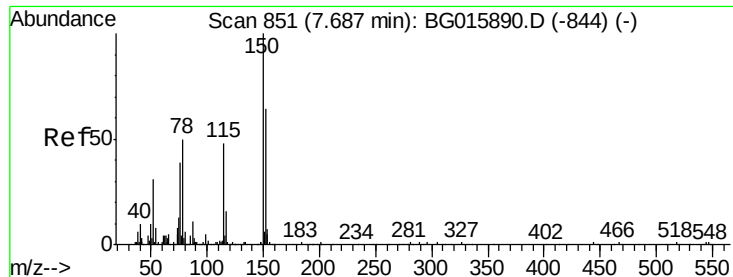
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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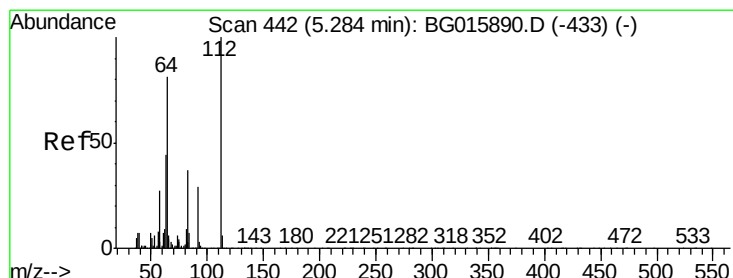
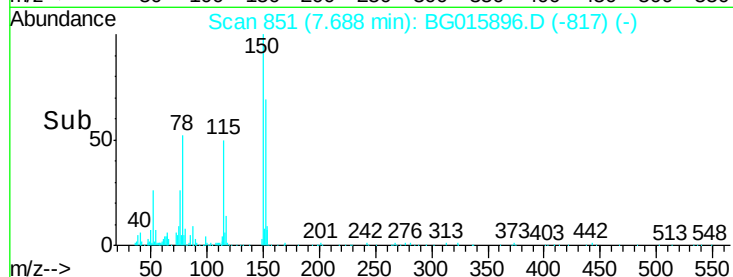
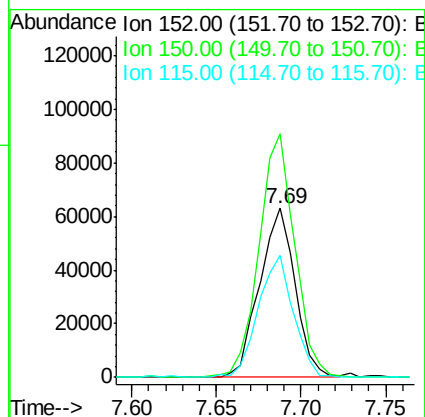
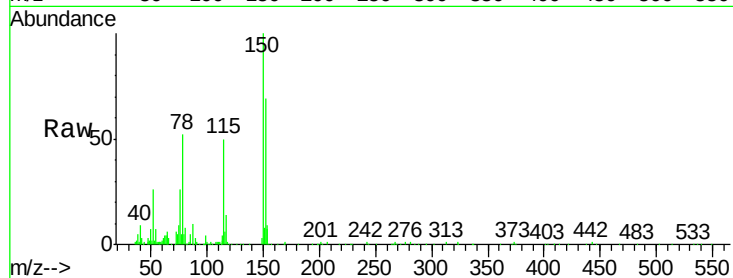


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

Instrument :
BNA_G
ClientSampleId :
PB81414BL

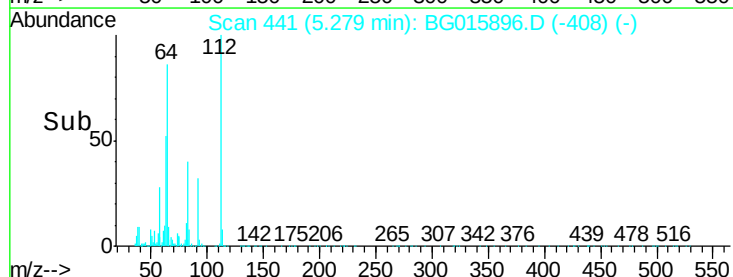
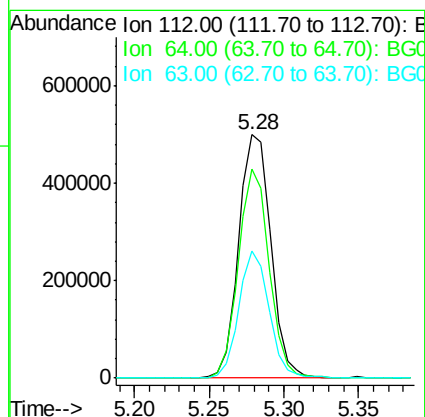
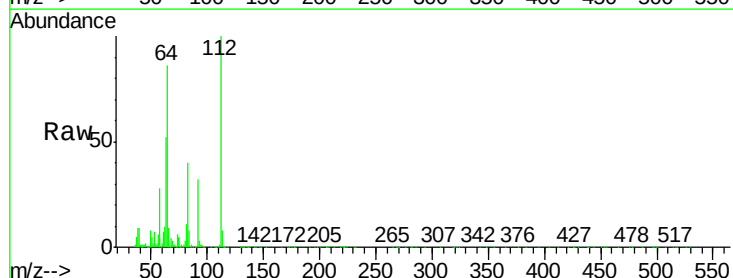
Tgt Ion:152 Resp: 92369
Ion Ratio Lower Upper
152 100
150 143.9 124.5 186.7
115 72.4 60.4 90.6

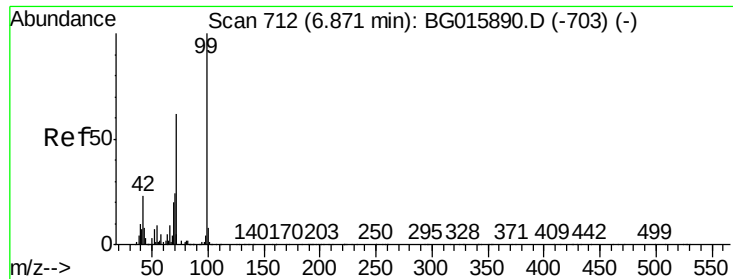


#5

2-Fluorophenol
Concen: 120.55 ng
RT: 5.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

Tgt Ion:112 Resp: 747747
Ion Ratio Lower Upper
112 100
64 85.8 64.4 96.6
63 52.0 35.1 52.7





#7

Phenol-d6

Concen: 116.45 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

Instrument :

BNA_G

ClientSampleId :

PB81414BL

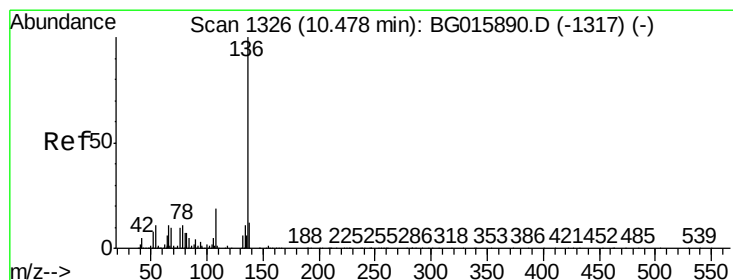
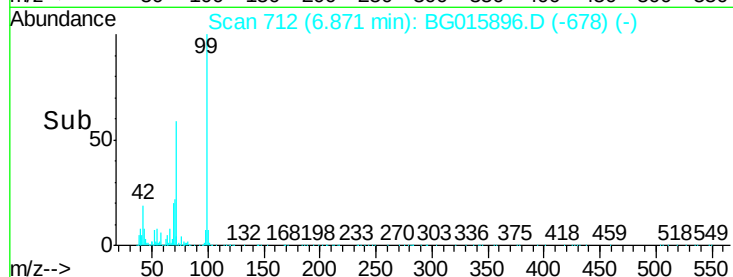
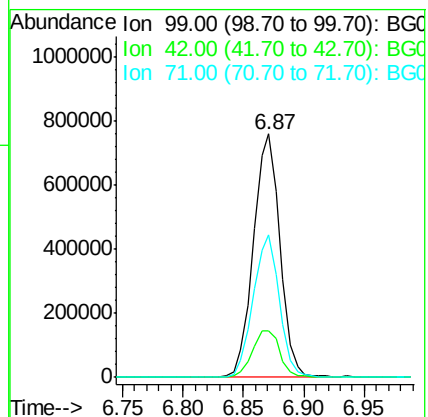
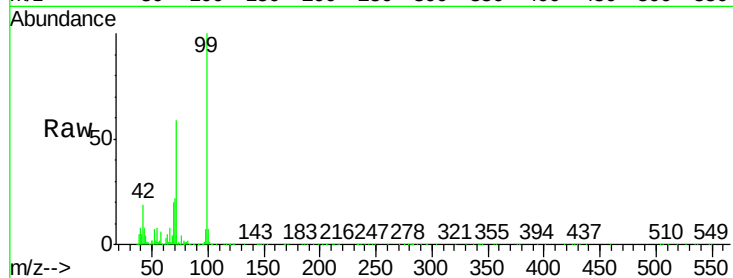
Tgt Ion: 99 Resp: 1164016

Ion Ratio Lower Upper

99 100

42 19.3 18.1 27.1

71 58.6 49.8 74.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

Tgt Ion: 136 Resp: 333295

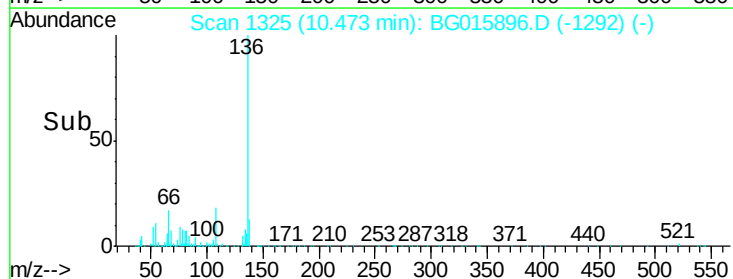
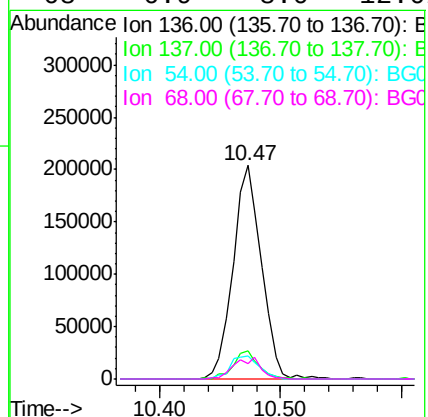
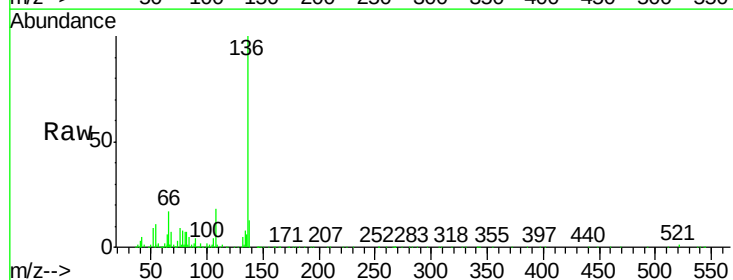
Ion Ratio Lower Upper

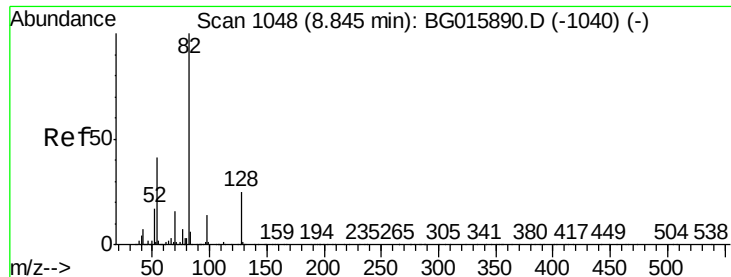
136 100

137 13.2 9.7 14.5

54 11.1 8.5 12.7

68 6.9 8.0 12.0#

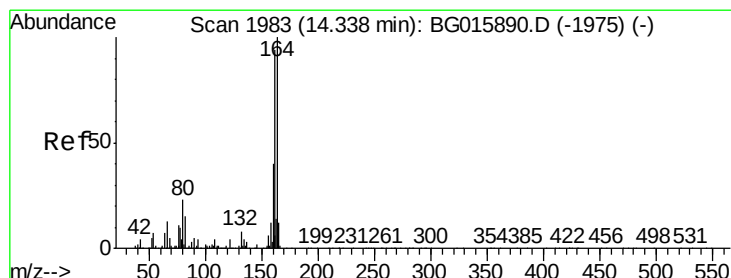
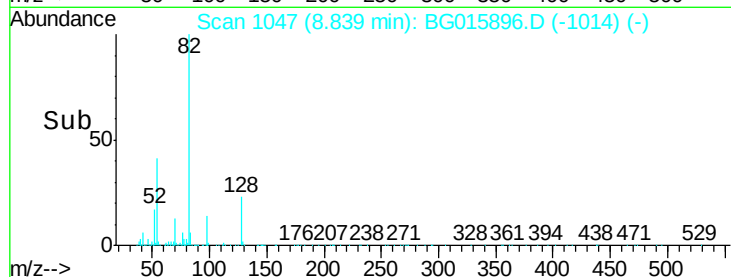
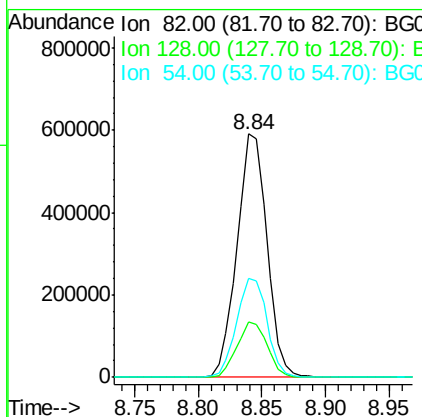
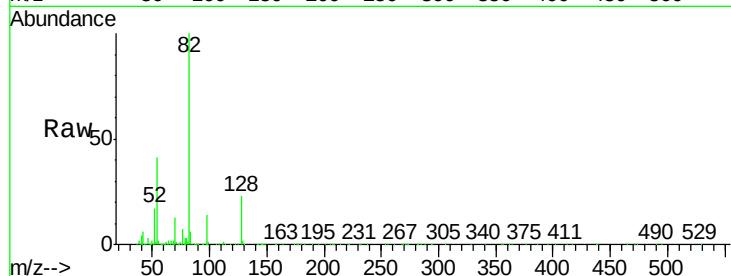




#23
 Nitrobenzene-d5
 Concen: 83.90 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG015896.D
 Acq: 20 Jan 2015 18:09

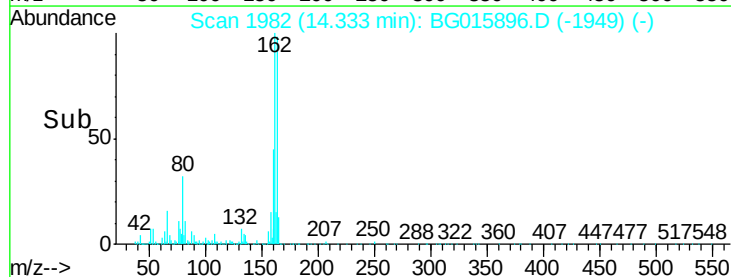
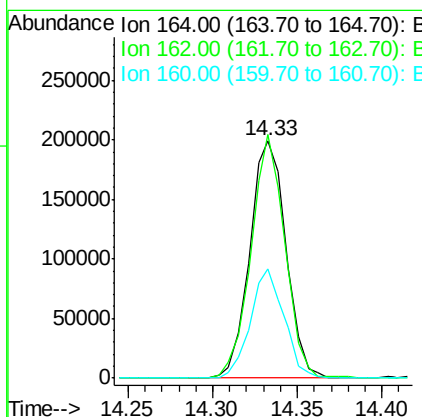
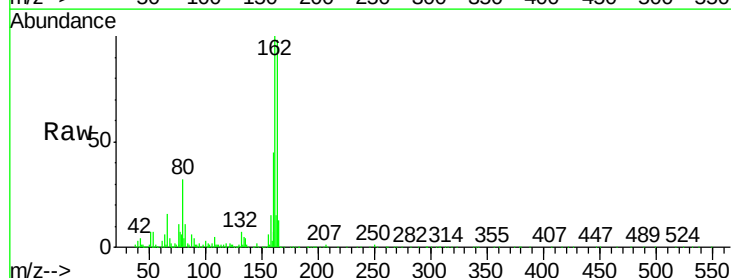
Instrument :
 BNA_G
 ClientSampleId :
 PB81414BL

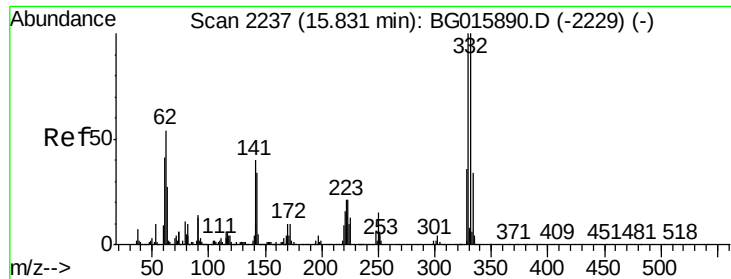
Tgt Ion	Ratio	Lower	Upper
82	100		
128	22.7	19.8	29.8
54	40.9	33.0	49.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG015896.D
 Acq: 20 Jan 2015 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	75.1	112.7
160	45.8	32.3	48.5

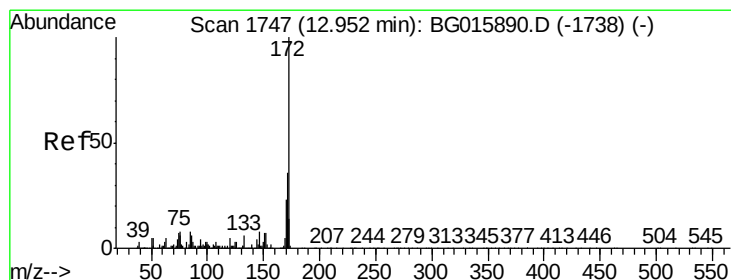
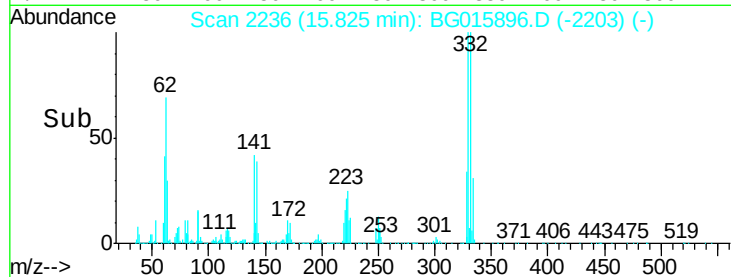
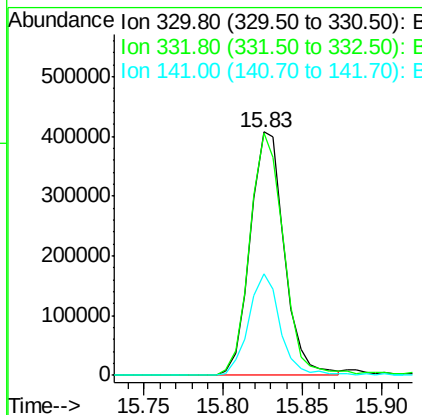
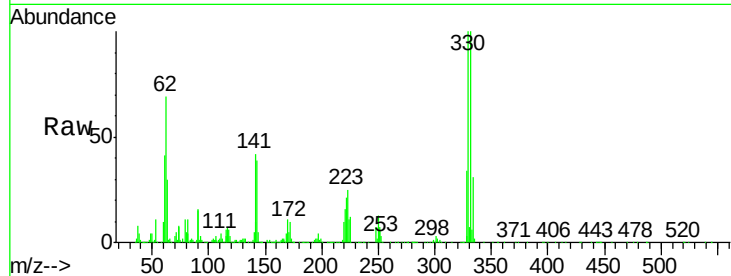




#41
 2,4,6-Tribromophenol
 Concen: 112.54 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG015896.D
 Acq: 20 Jan 2015 18:09

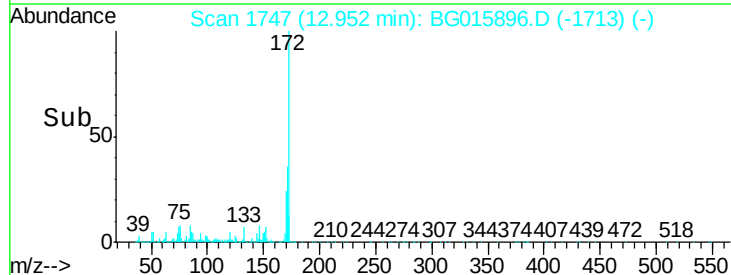
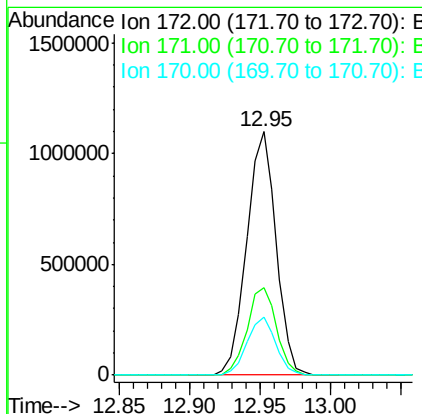
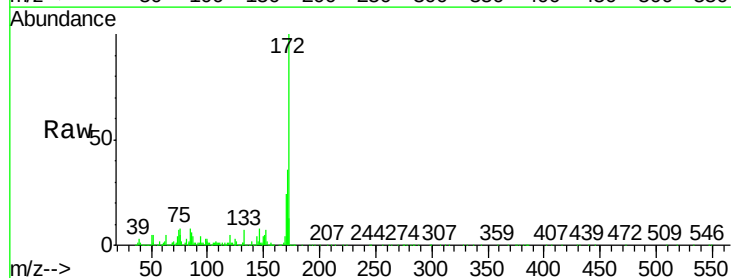
Instrument :
 BNA_G
 ClientSampled :
 PB81414BL

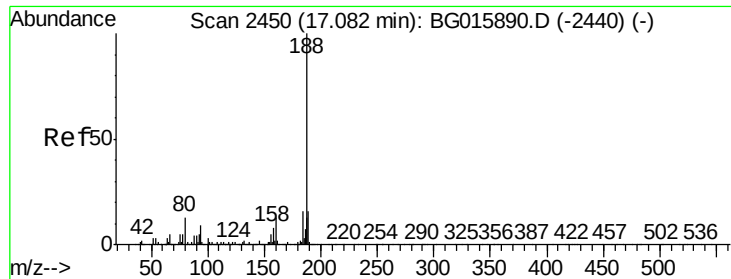
Tgt Ion:330 Resp: 609732
 Ion Ratio Lower Upper
 330 100
 332 98.9 75.4 113.0
 141 38.5 33.0 49.6



#44
 2-Fluorobiphenyl
 Concen: 84.86 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG015896.D
 Acq: 20 Jan 2015 18:09

Tgt Ion:172 Resp: 1600568
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.6 18.6 27.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

Instrument :

BNA_G

ClientSampleId :

PB81414BL

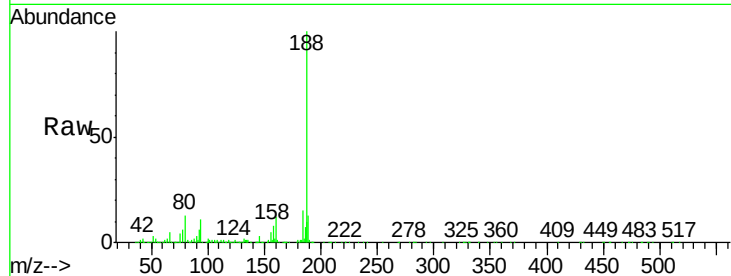
Tgt Ion:188 Resp: 819282

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.8

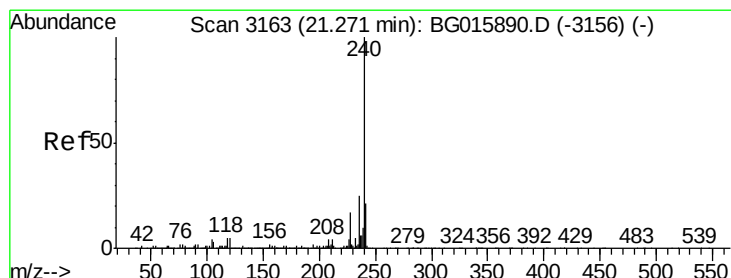
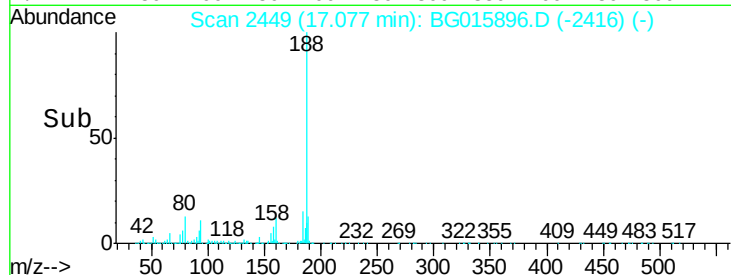
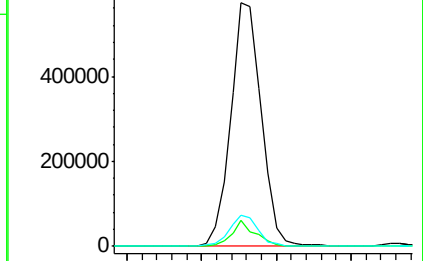
80 12.7 10.6 16.0



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: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

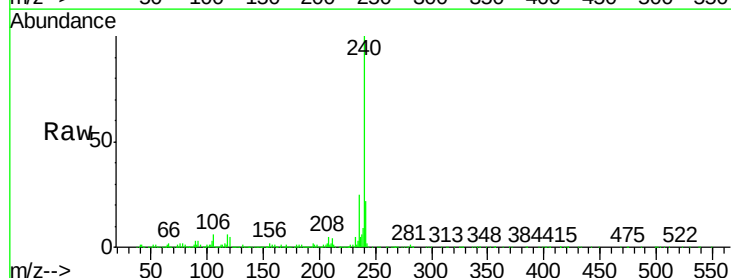
Tgt Ion:240 Resp: 1191843

Ion Ratio Lower Upper

240 100

120 4.9 3.9 5.9

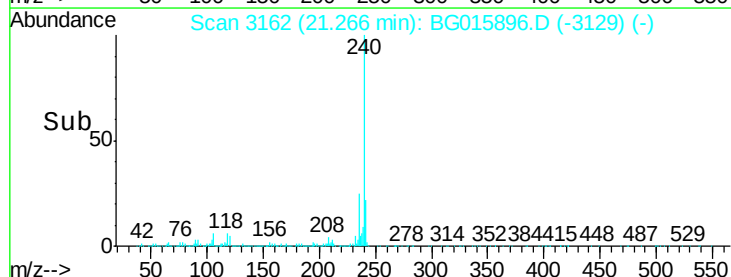
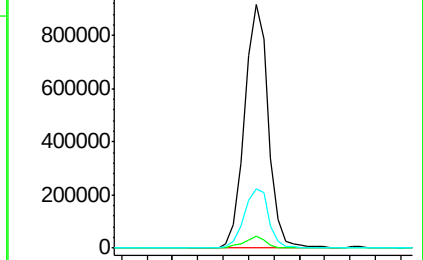
236 24.6 20.0 30.0

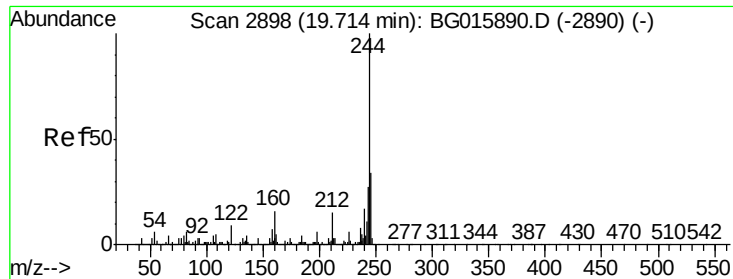


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.10 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

Instrument :

BNA_G

ClientSampleId :

PB81414BL

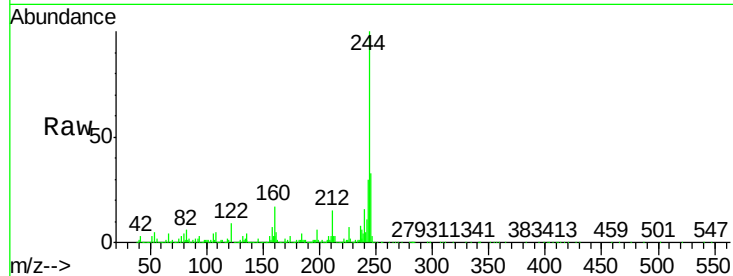
Tgt Ion:244 Resp: 3536256

Ion Ratio Lower Upper

244 100

212 14.7 11.6 17.4

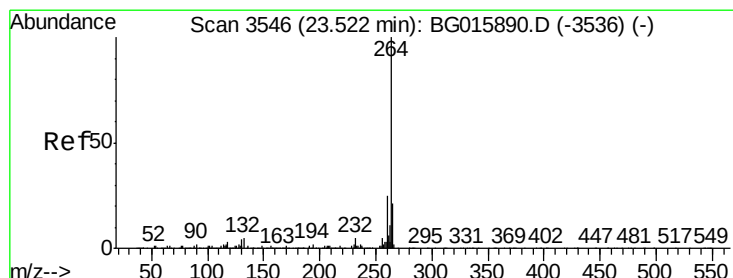
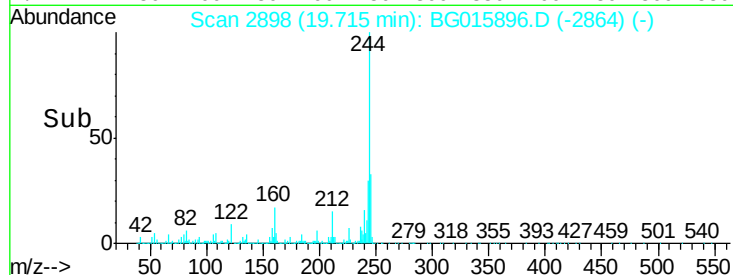
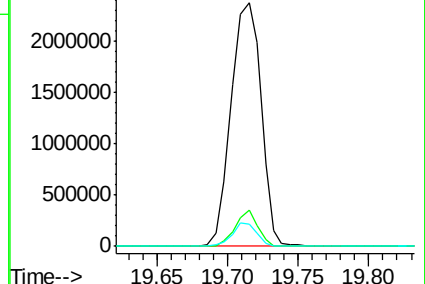
122 9.2 7.0 10.4



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: 23.52 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

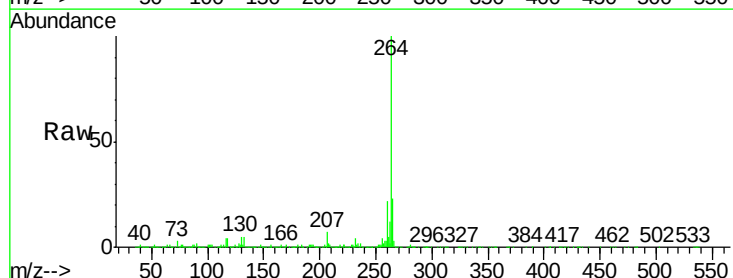
Tgt Ion:264 Resp: 1086886

Ion Ratio Lower Upper

264 100

260 22.3 19.7 29.5

265 22.9 17.3 25.9



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

