

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017934.D
 Acq On : 17 Jul 2015 20:23
 Operator : TP/UM
 Sample : G2925-09RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-E1RE

Quant Time: Jul 18 02:59:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	135061	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	591143	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	360279	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	777174	20.00	ng	0.00
75) Chrysene-d12	21.20	240	794530	20.00	ng	0.00
86) Perylene-d12	23.41	264	761335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	690141	89.14	ng	0.00
7) Phenol-d6	6.77	99	819601	80.80	ng	0.00
23) Nitrobenzene-d5	8.74	82	581177	63.68	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	339246	92.94	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1299254	62.49	ng	0.00
78) Terphenyl-d14	19.64	244	1957421	62.06	ng	0.00

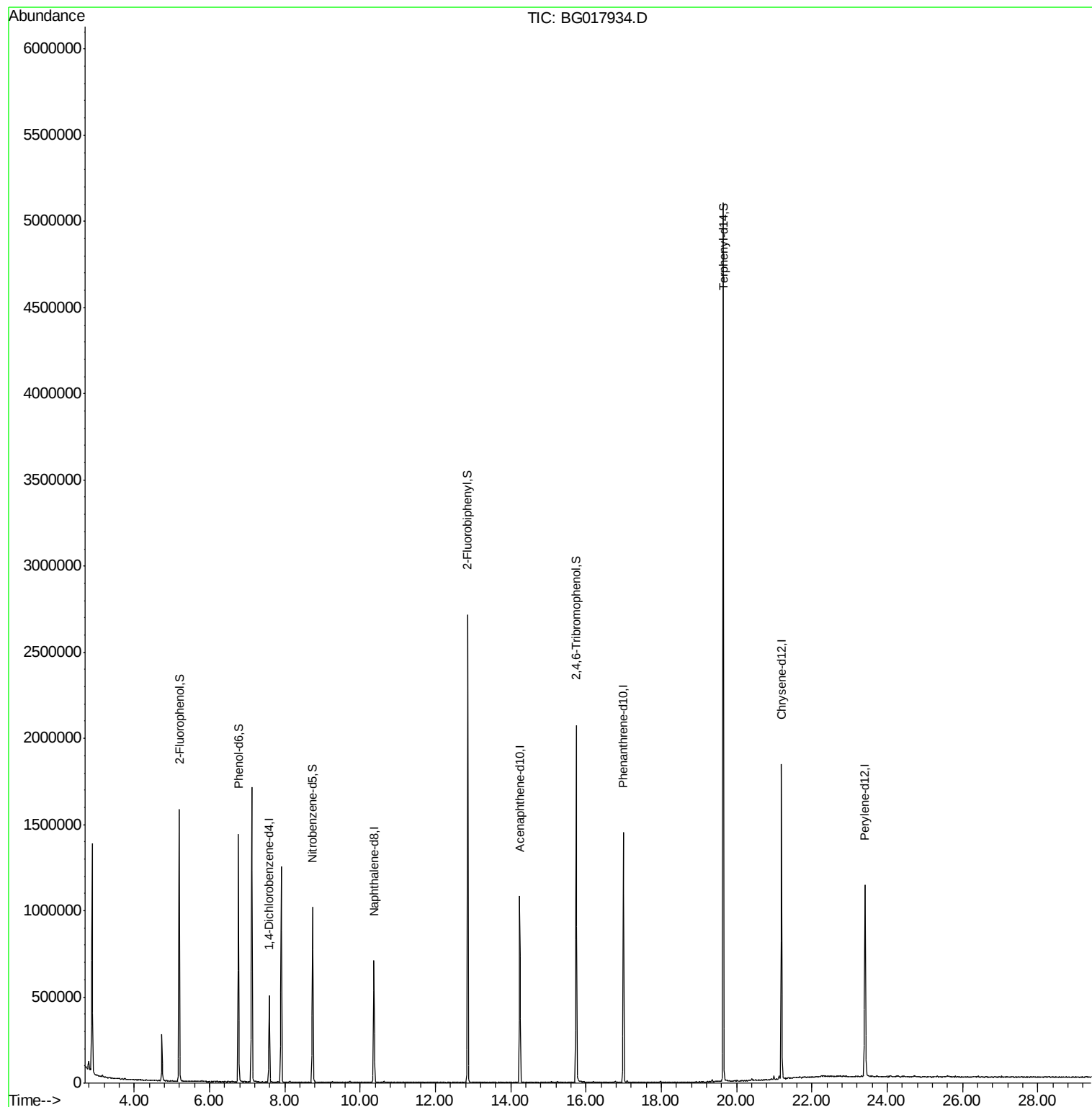
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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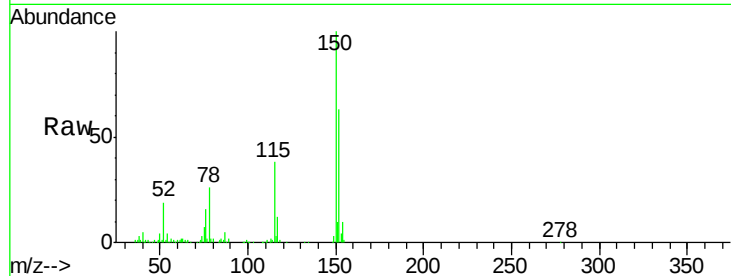


#1

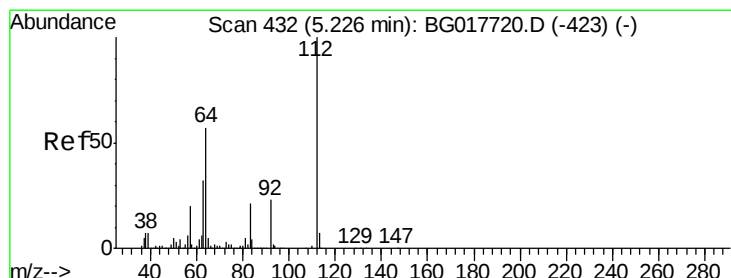
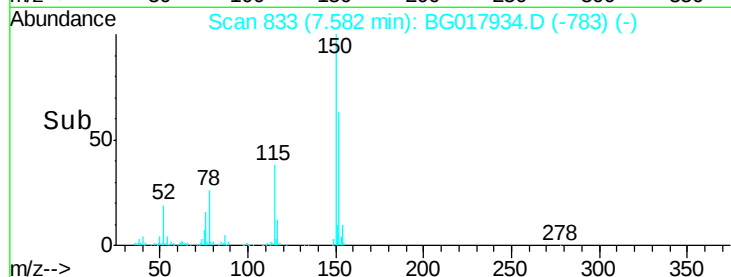
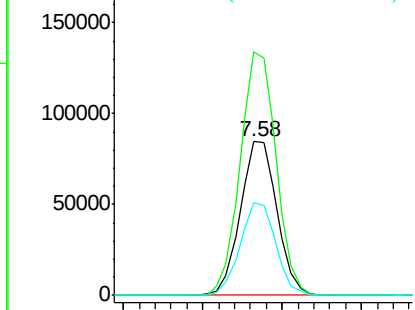
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017934.D
Acq: 17 Jul 2015 20:23

Instrument :
BNA_G
ClientSampleId :
TEC-E1RE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	119.1	178.7
115	60.2	47.0	70.4



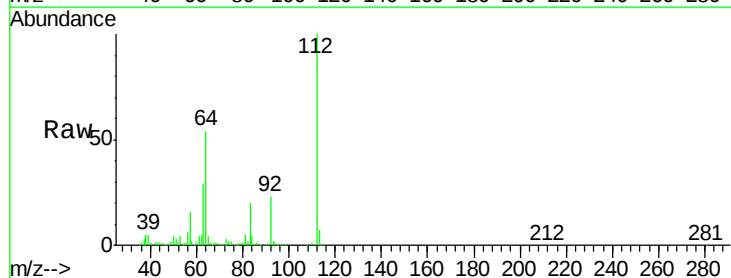
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



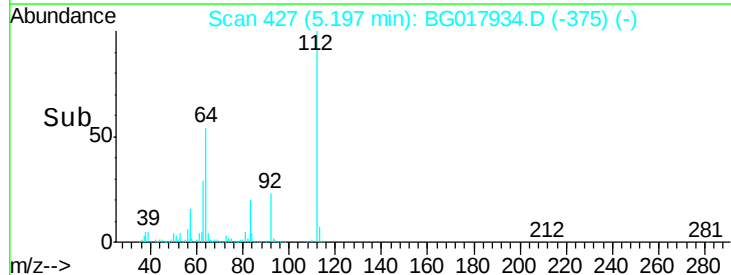
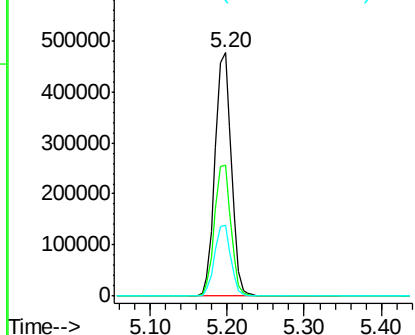
#5

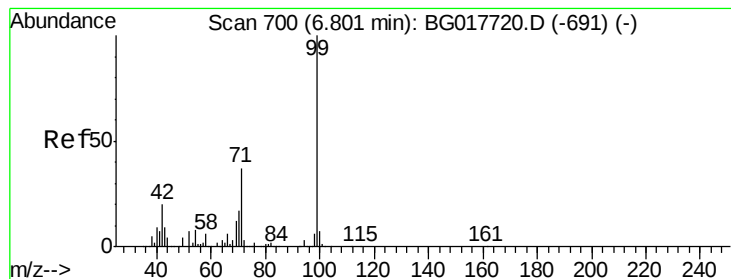
2-Fluorophenol
Concen: 89.14 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017934.D
Acq: 17 Jul 2015 20:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.4	68.0
63	29.3	25.3	37.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 80.80 ng

RT: 6.77 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG017934.D

Acq: 17 Jul 2015 20:23

Instrument :

BNA_G

ClientSampleId :

TEC-E1RE

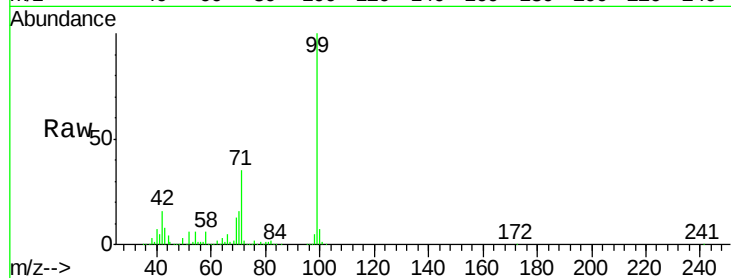
Tgt Ion: 99 Resp: 819601

Ion Ratio Lower Upper

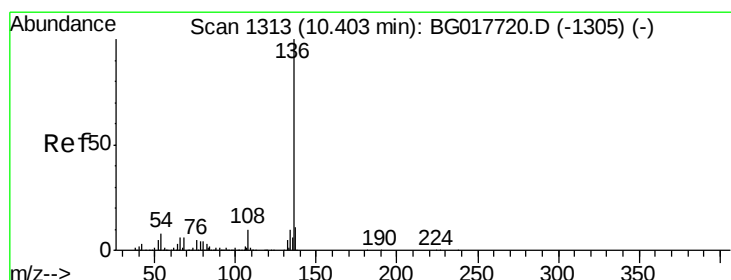
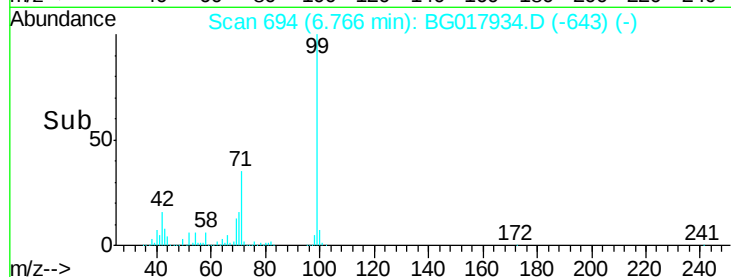
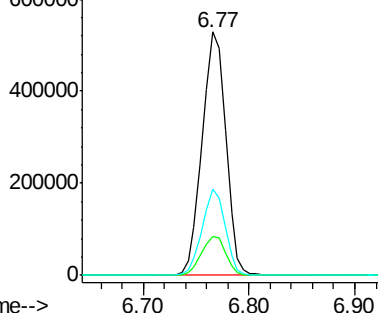
99 100

42 16.2 16.2 24.4#

71 35.2 29.5 44.3



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: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017934.D

Acq: 17 Jul 2015 20:23

Tgt Ion: 136 Resp: 591143

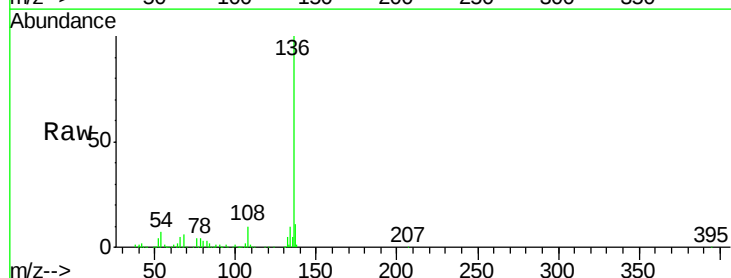
Ion Ratio Lower Upper

136 100

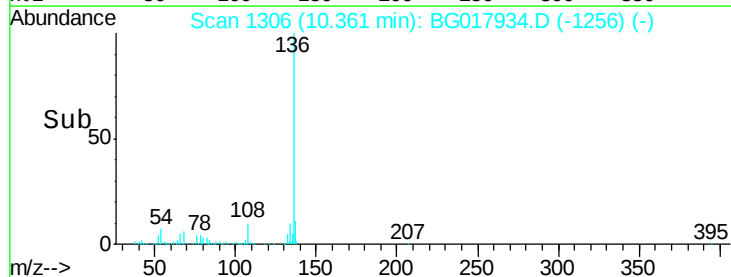
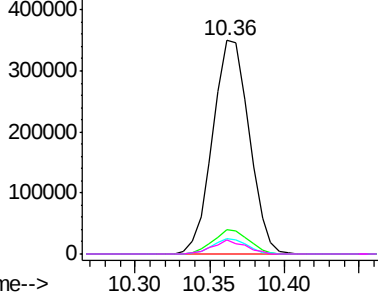
137 11.3 8.8 13.2

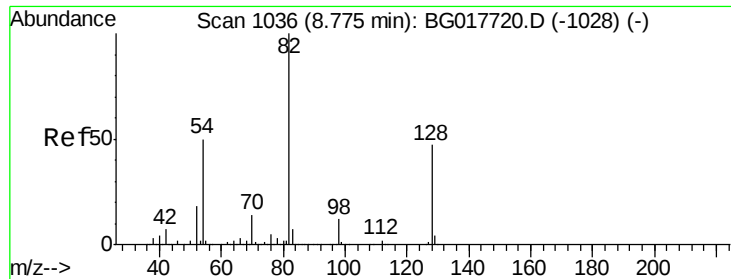
54 6.9 6.6 9.8

68 6.4 5.1 7.7



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

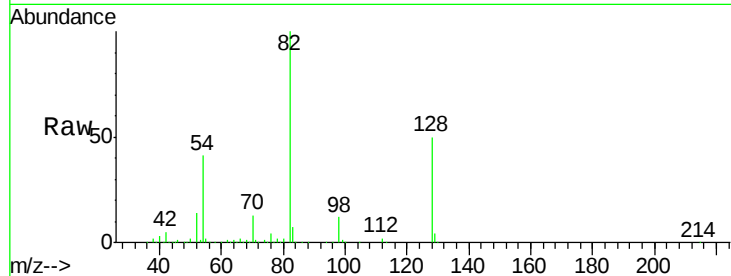




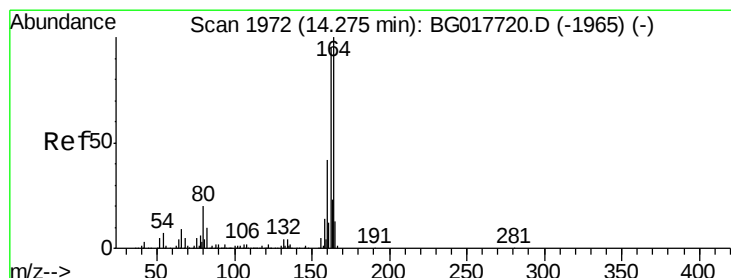
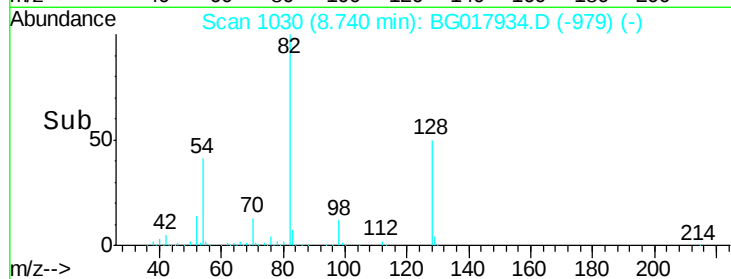
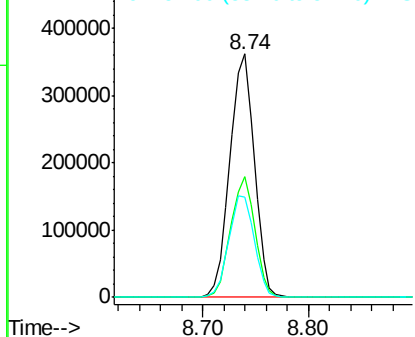
#23
 Nitrobenzene-d5
 Concen: 63.68 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017934.D
 Acq: 17 Jul 2015 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TEC-E1RE

Tgt Ion: 82 Resp: 581177
 Ion Ratio Lower Upper
 82 100
 128 49.7 37.8 56.6
 54 41.4 39.9 59.9

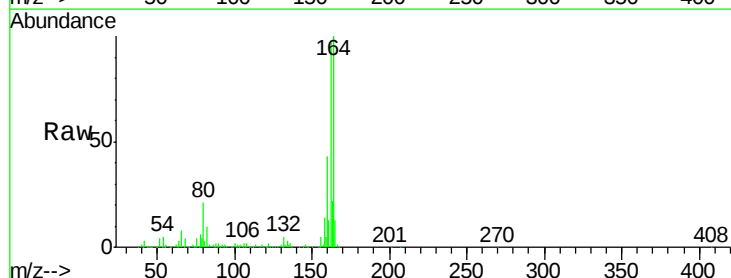


Abundance Ion 82.00 (81.70 to 82.70): BG
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BG

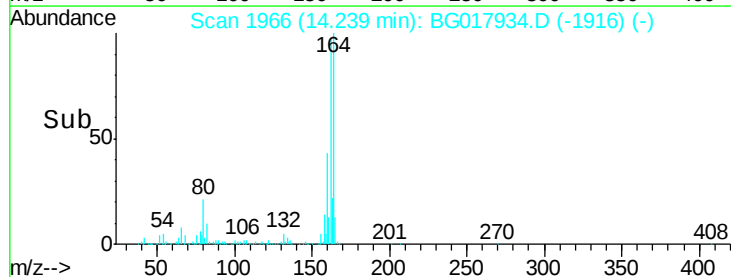
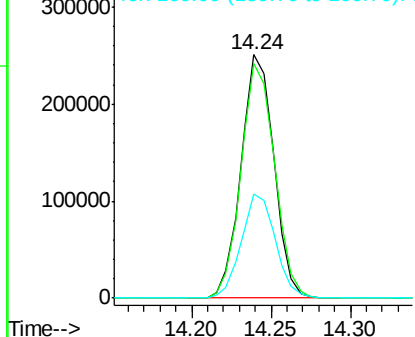


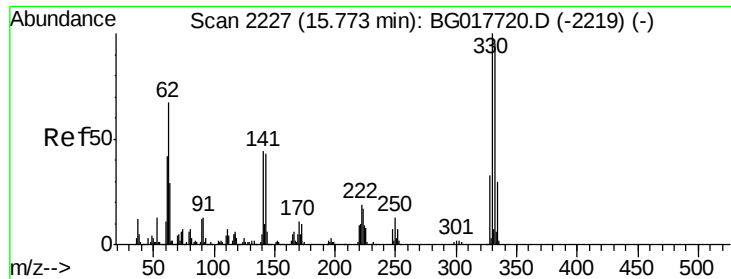
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017934.D
 Acq: 17 Jul 2015 20:23

Tgt Ion: 164 Resp: 360279
 Ion Ratio Lower Upper
 164 100
 162 96.6 76.3 114.5
 160 42.7 33.7 50.5



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

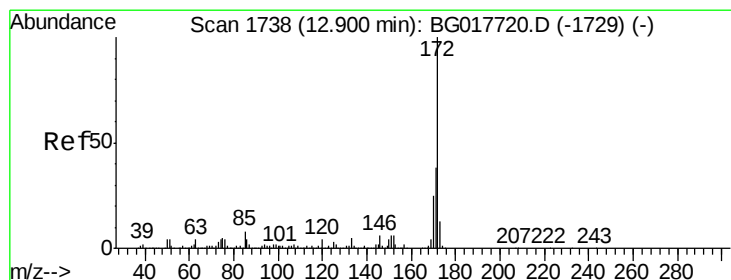
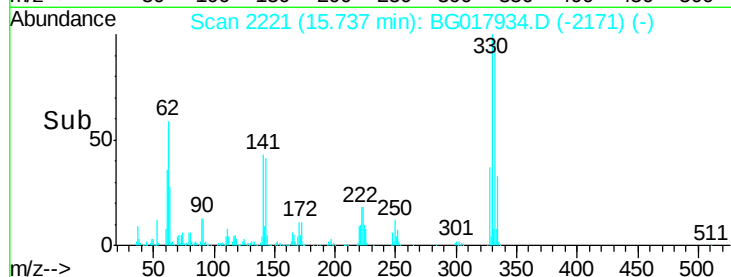
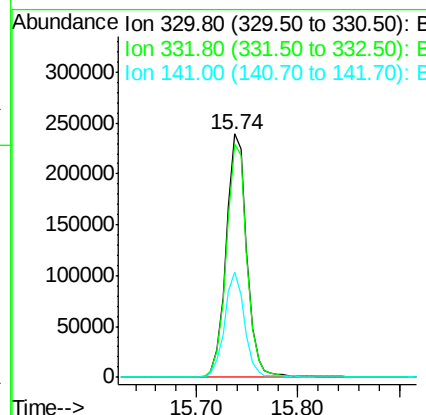
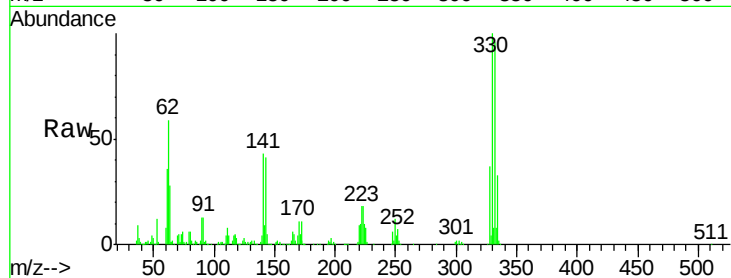




#41
 2,4,6-Tribromophenol
 Concen: 92.94 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017934.D
 Acq: 17 Jul 2015 20:23

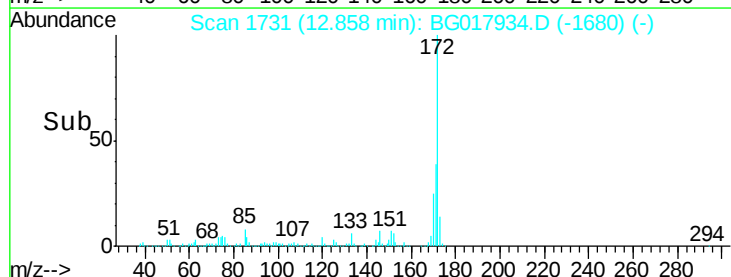
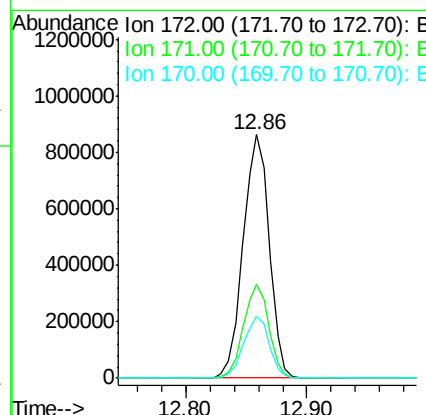
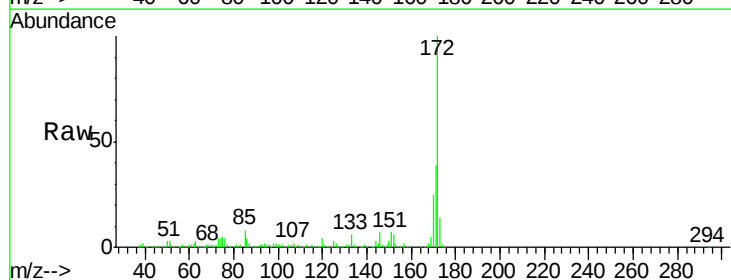
Instrument :
 BNA_G
 ClientSampleId :
 TEC-E1RE

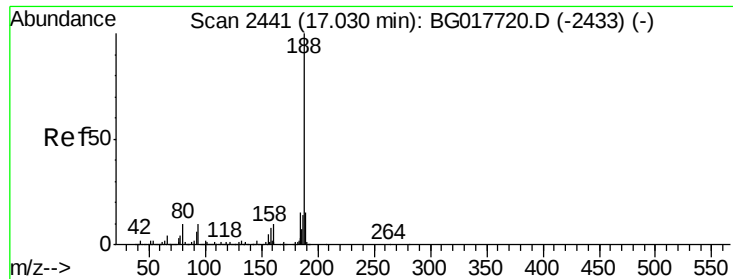
Tgt Ion:330 Resp: 339246
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.8 115.2
 141 42.0 38.0 57.0



#44
 2-Fluorobiphenyl
 Concen: 62.49 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017934.D
 Acq: 17 Jul 2015 20:23

Tgt Ion:172 Resp: 1299254
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.7 46.1
 170 25.4 19.7 29.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017934.D

Acq: 17 Jul 2015 20:23

Instrument :

BNA_G

ClientSampleId :

TEC-E1RE

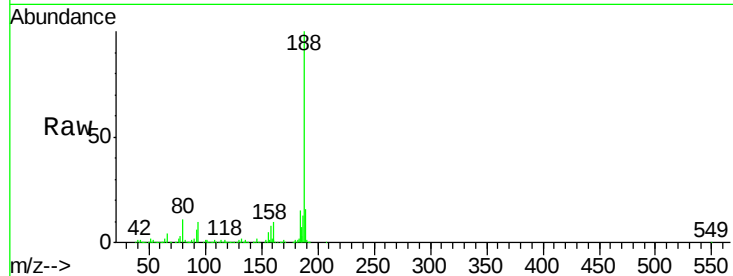
Tgt Ion:188 Resp: 777174

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 11.3 8.2 12.4



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

600000

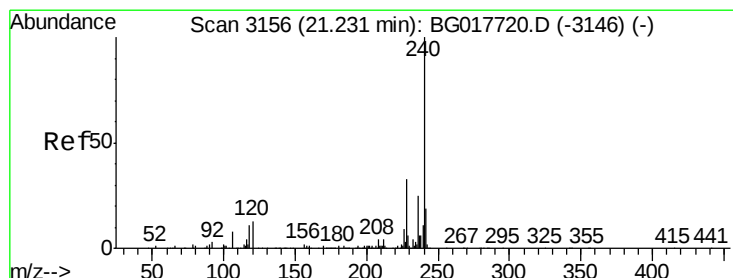
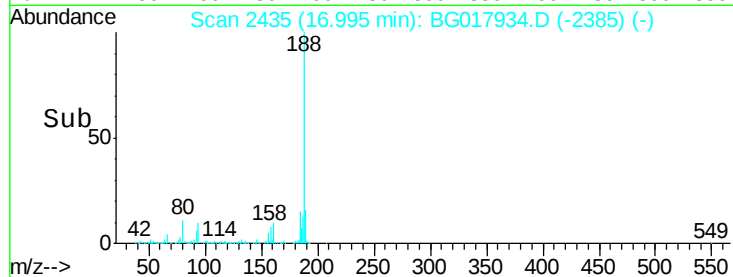
400000

200000

0

16.99

Time--> 16.90 17.00



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017934.D

Acq: 17 Jul 2015 20:23

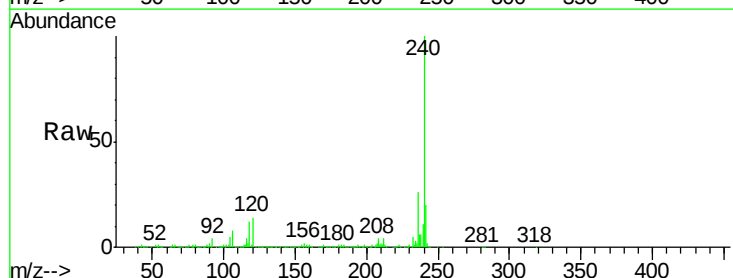
Tgt Ion:240 Resp: 794530

Ion Ratio Lower Upper

240 100

120 13.7 10.8 16.2

236 26.2 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

800000

600000

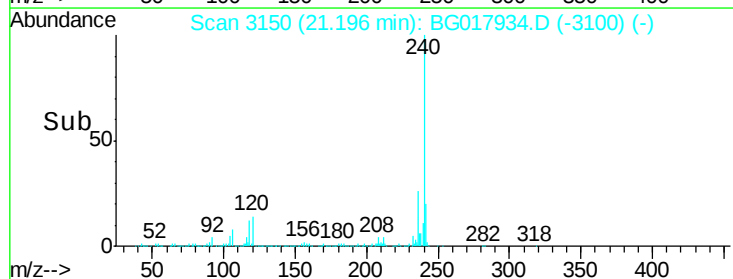
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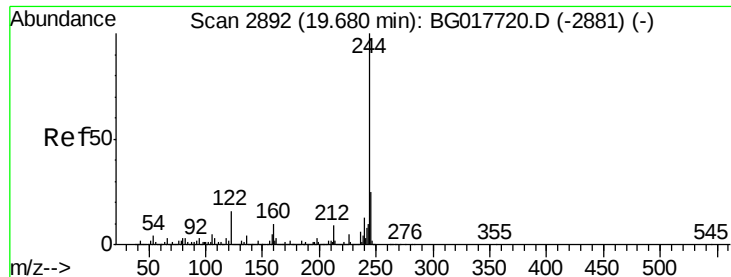
200000

0

21.20

Time--> 21.10 21.20 21.30





#78

Terphenyl-d14

Concen: 62.06 ng

RT: 19.64 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017934.D

Acq: 17 Jul 2015 20:23

Instrument :

BNA_G

ClientSampleId :

TEC-E1RE

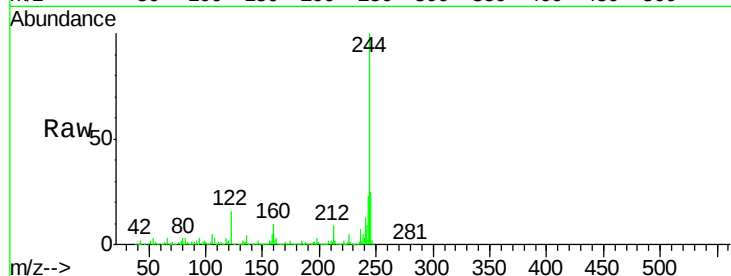
Tgt Ion:244 Resp: 1957421

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

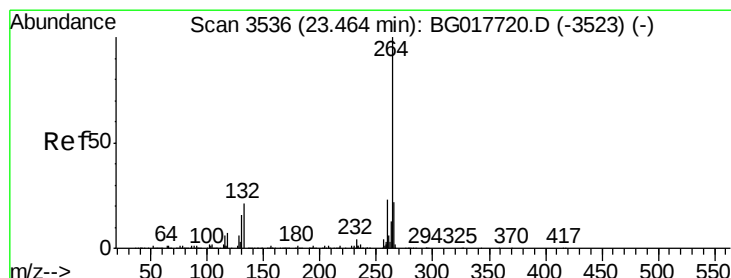
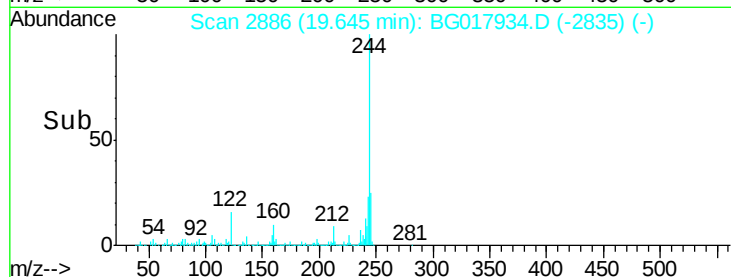
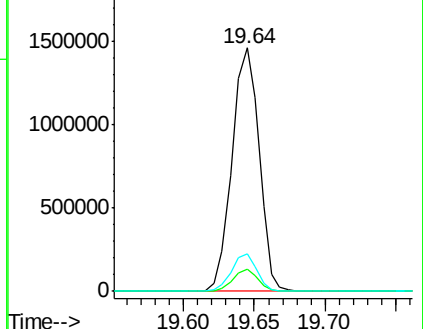
122 15.6 12.8 19.2



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: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017934.D

Acq: 17 Jul 2015 20:23

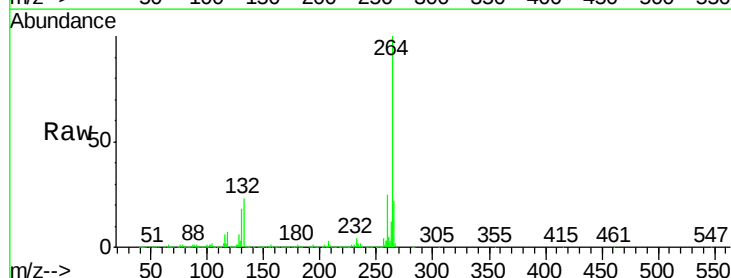
Tgt Ion:264 Resp: 761335

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 22.0 18.2 27.2



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

