

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025770.D
 Acq On : 2 Feb 2017 22:55
 Operator : SJ/MA
 Sample : PB96675TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96675TB

Quant Time: Feb 03 01:28:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73123	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	305636	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	252883	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	586420	20.00	ng	0.00
75) Chrysene-d12	21.83	240	732907	20.00	ng	0.00
86) Perylene-d12	25.21	264	724297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	616146	151.01	ng	0.00
7) Phenol-d6	7.32	99	881917	148.00	ng	0.00
23) Nitrobenzene-d5	9.35	82	621548	85.93	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	461221	127.89	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1331655	85.52	ng	0.00
78) Terphenyl-d14	20.13	244	2382300	78.46	ng	0.00

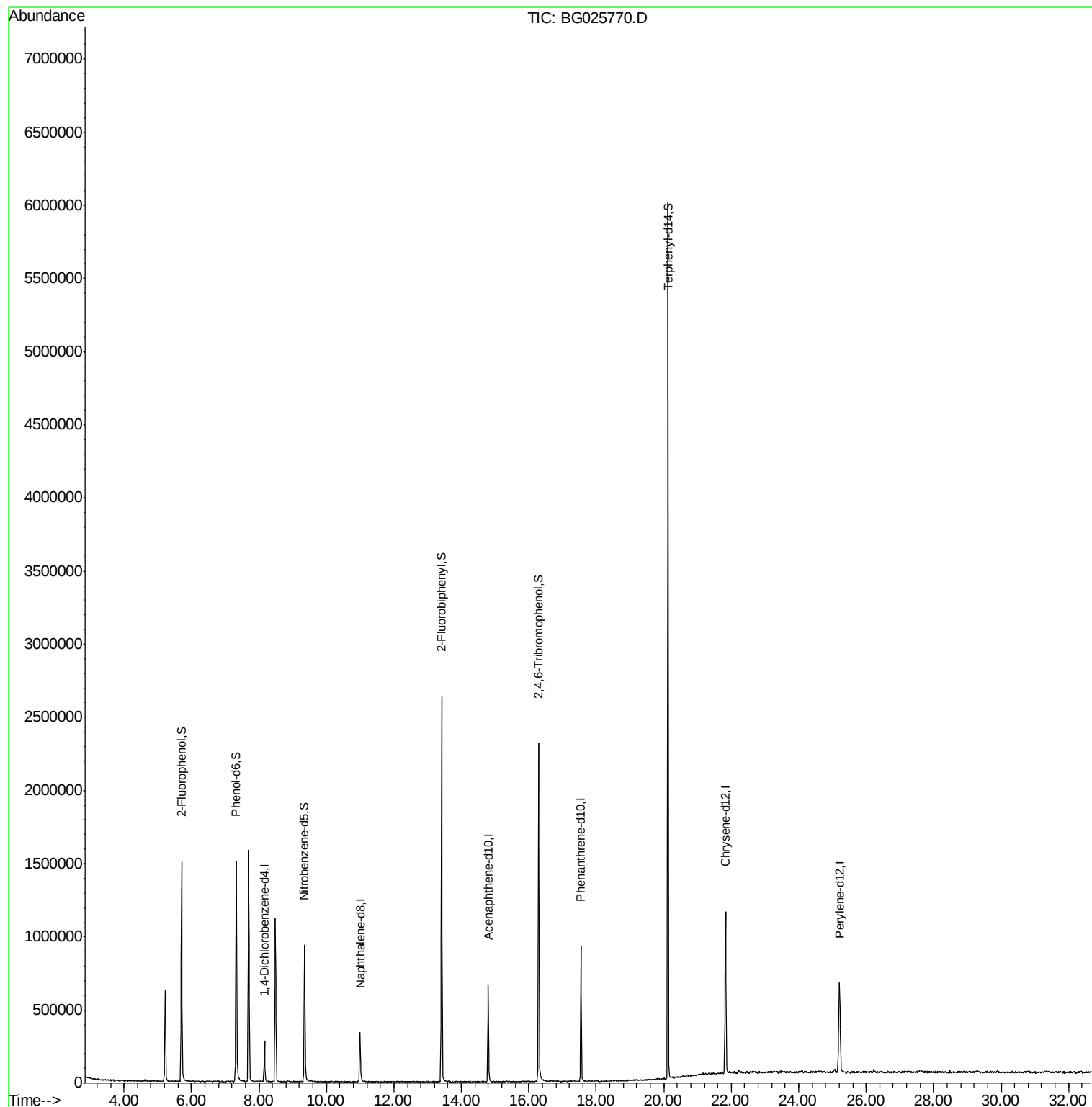
Target Compounds	Qvalue
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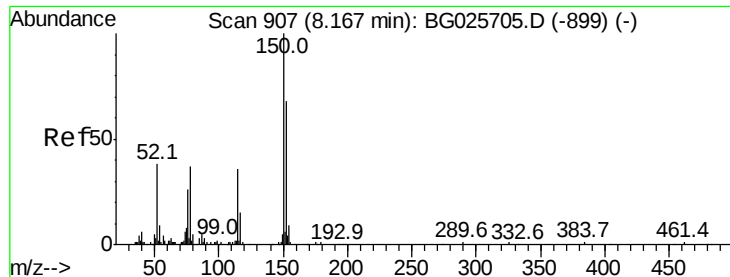
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025770.D

Acq: 2 Feb 2017 22:55

Instrument :

BNA_G

ClientSampleId :

PB96675TB

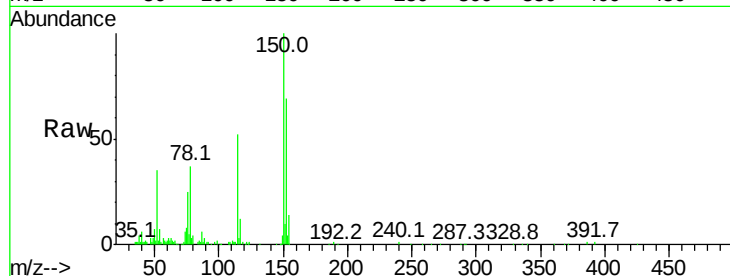
Tot Ion:152 Resp: 73123

Ion Ratio Lower Upper

152 100

150 144.9 114.0 171.0

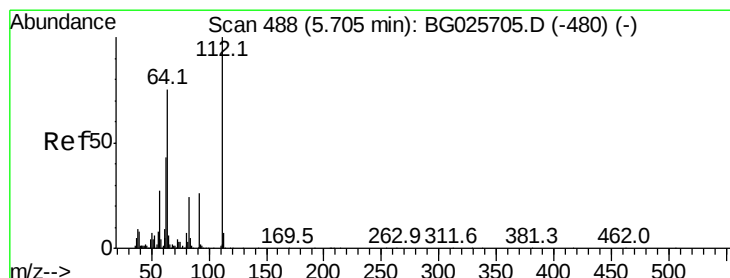
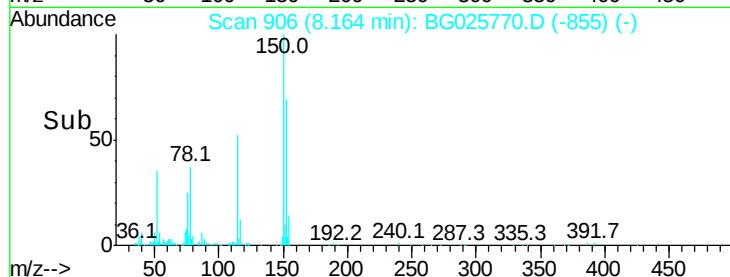
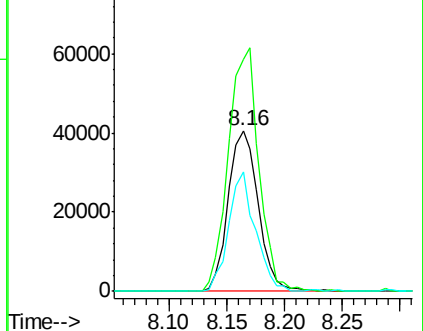
115 74.6 48.1 72.1#



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: 151.01 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025770.D

Acq: 2 Feb 2017 22:55

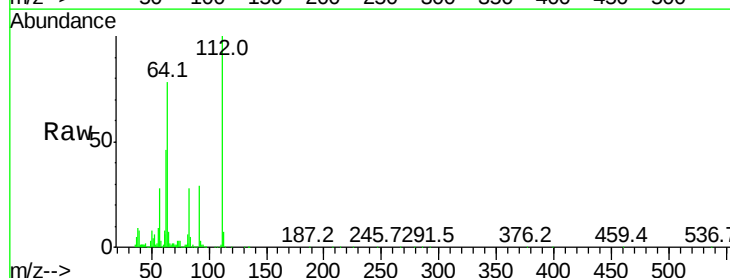
Tgt Ion:112 Resp: 616146

Ion Ratio Lower Upper

112 100

64 77.7 61.8 92.6

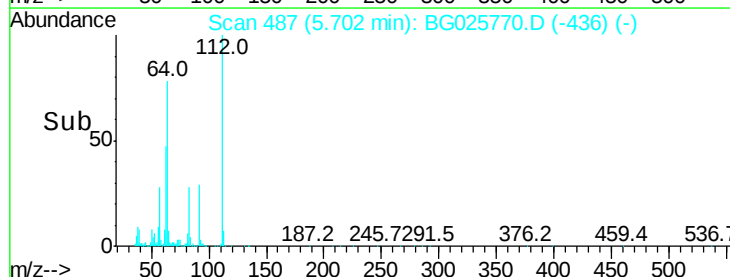
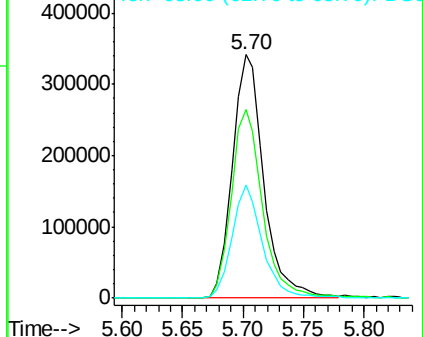
63 46.5 37.2 55.8

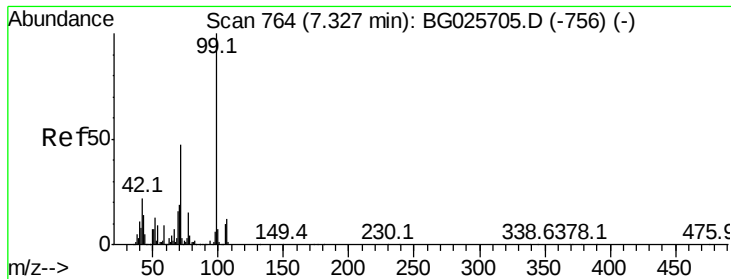


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 148.00 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG025770.D

Acq: 2 Feb 2017 22:55

Instrument :

BNA_G

ClientSampleId :

PB96675TB

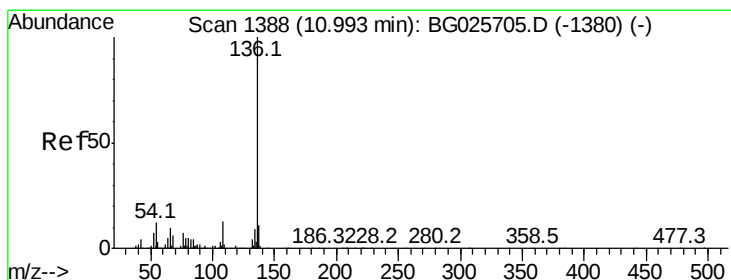
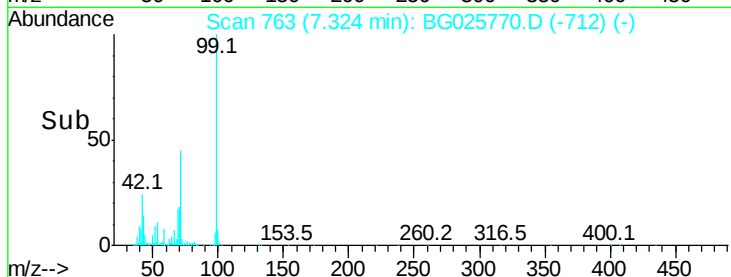
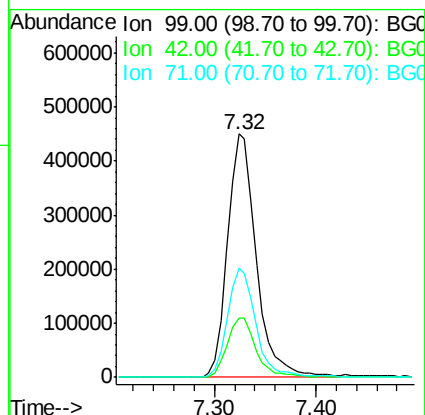
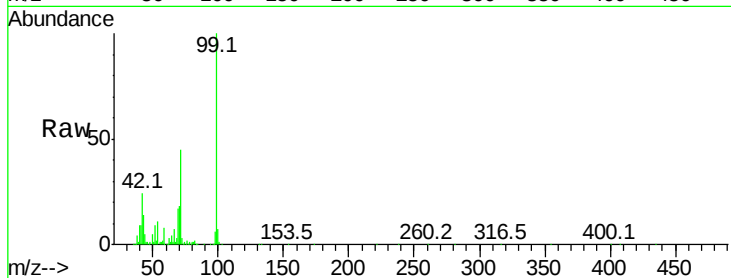
Tot Ion: 99 Resp: 881917

Ion Ratio Lower Upper

99 100

42 24.2 20.5 30.7

71 45.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025770.D

Acq: 2 Feb 2017 22:55

Tgt Ion: 136 Resp: 305636

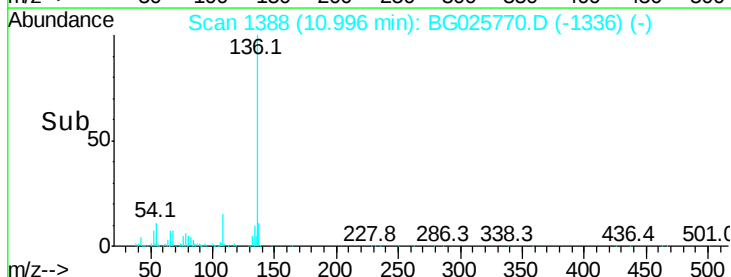
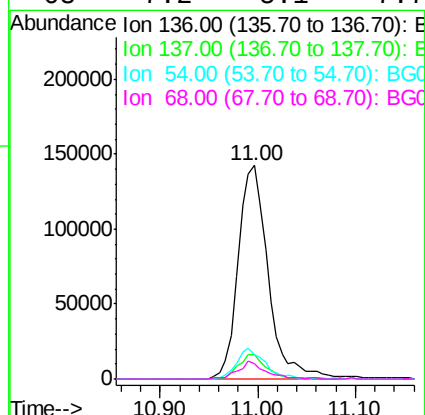
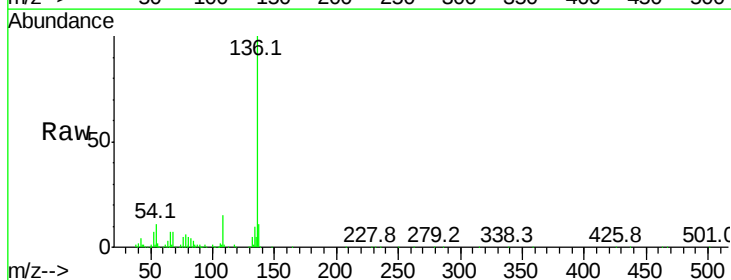
Ion Ratio Lower Upper

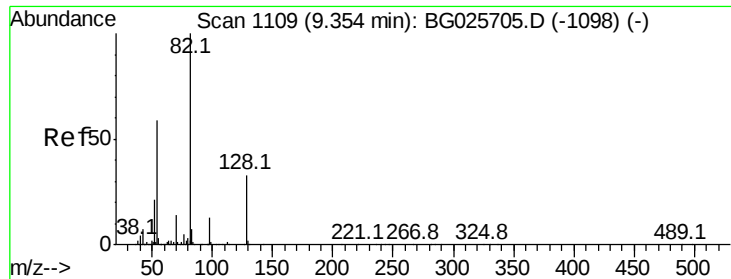
136 100

137 11.5 8.9 13.3

54 11.2 9.3 13.9

68 7.2 5.1 7.7

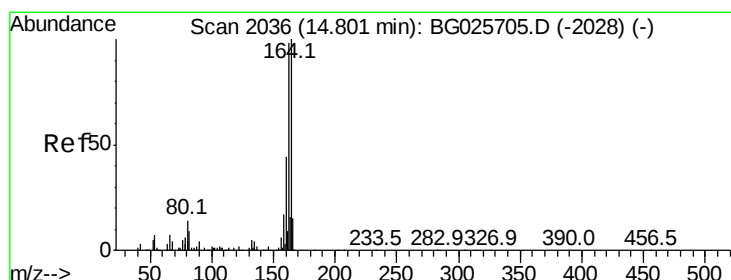
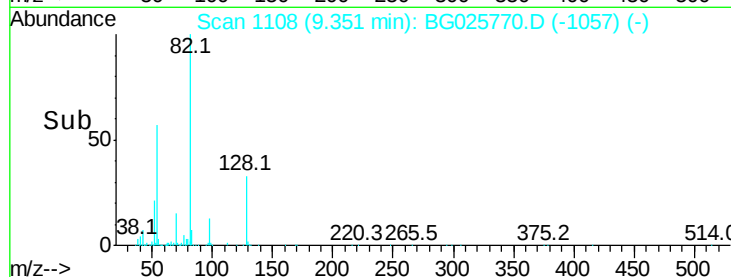
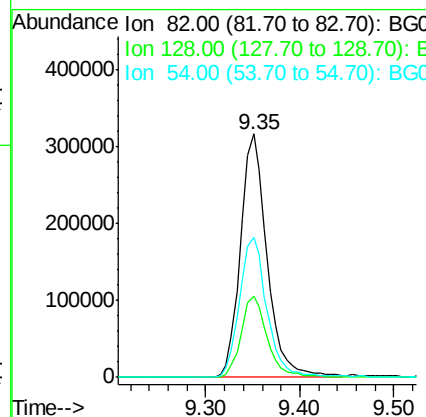
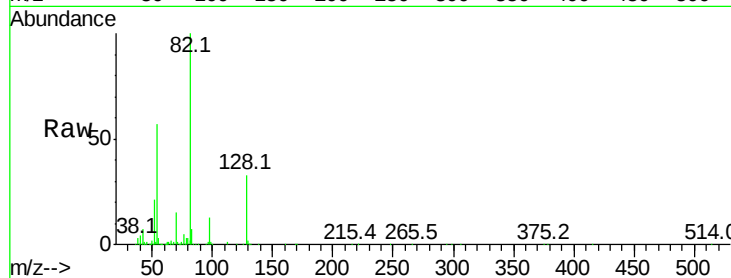




#23
 Nitrobenzene-d5
 Concen: 85.93 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG025770.D
 Acq: 2 Feb 2017 22:55

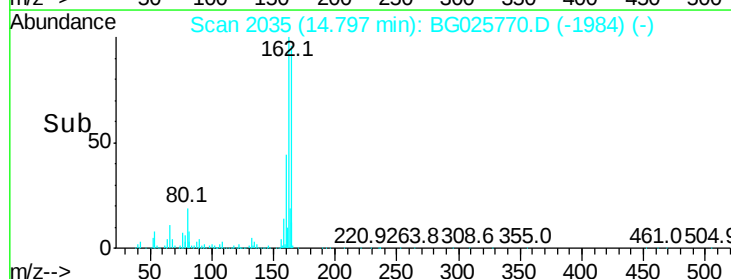
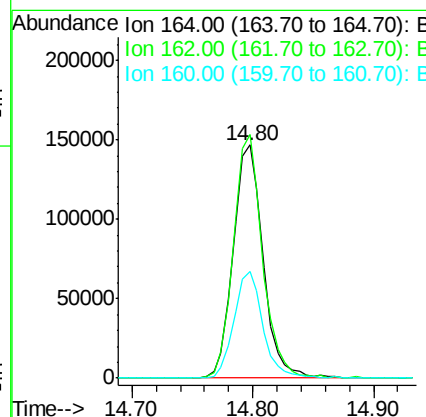
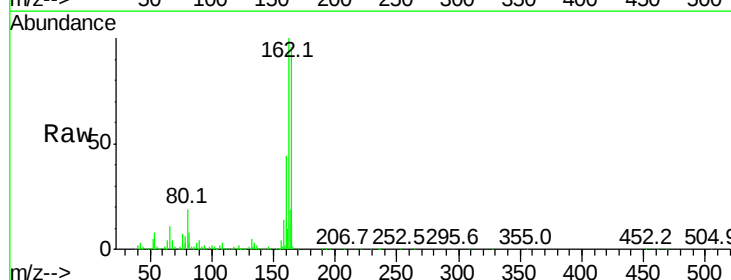
Instrument :
 BNA_G
 ClientSampleId :
 PB96675TB

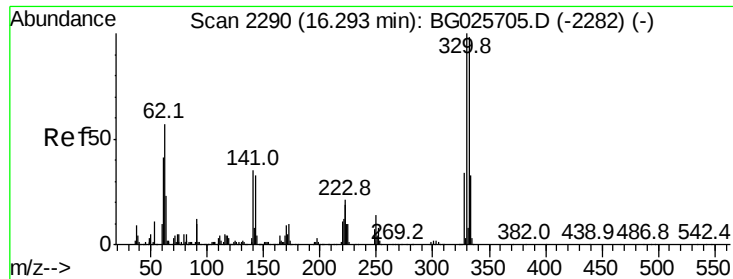
Tot Ion	82	Resp	621548
Ion Ratio	100	Lower	Upper
128	33.4	26.4	39.6
54	57.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG025770.D
 Acq: 2 Feb 2017 22:55

Tgt Ion	164	Resp	252883
Ion Ratio	100	Lower	Upper
162	104.5	85.1	127.7
160	45.7	34.7	52.1

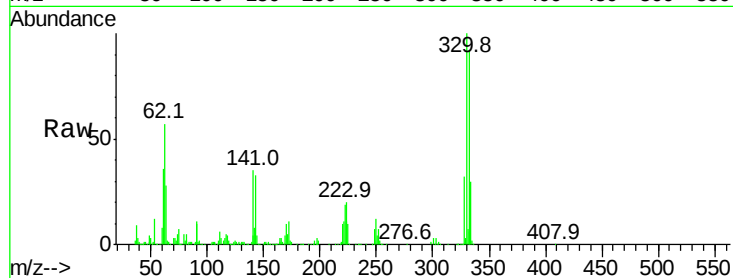




#41
 2,4,6-Tribromophenol
 Concen: 127.89 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG025770.D
 Acq: 2 Feb 2017 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB96675TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	36.6	32.1	48.1

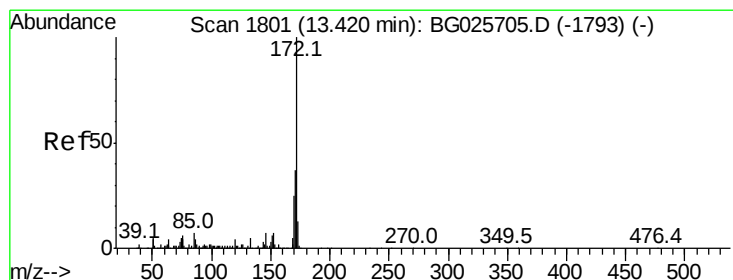
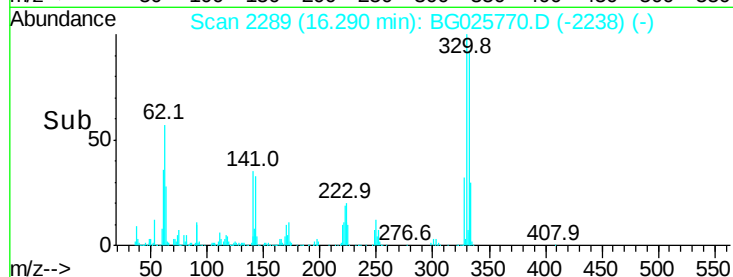
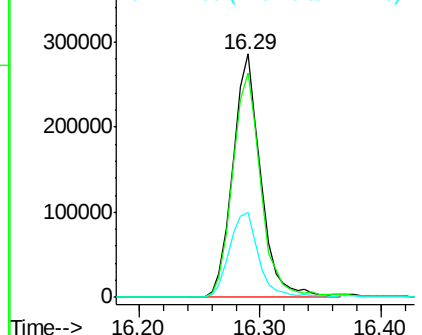


Abundance

Ion 329.80 (329.50 to 330.50): E

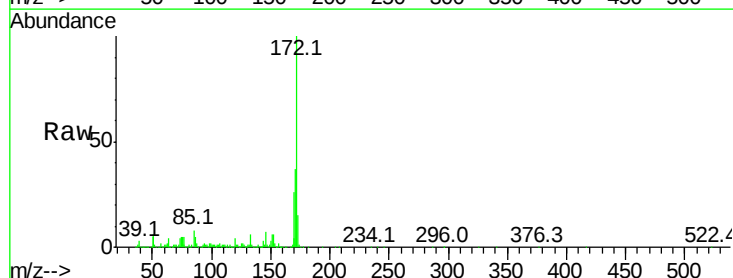
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.52 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG025770.D
 Acq: 2 Feb 2017 22:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	25.9	21.8	32.6

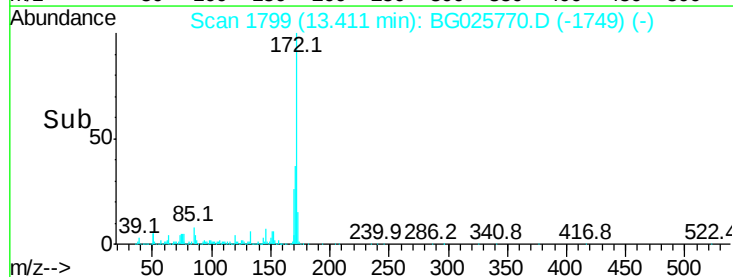
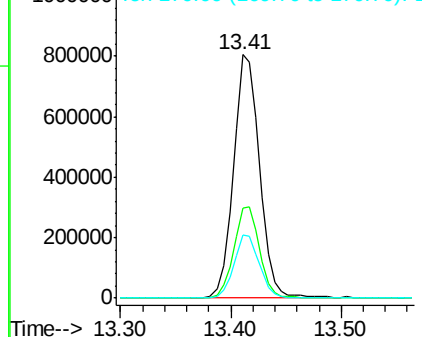


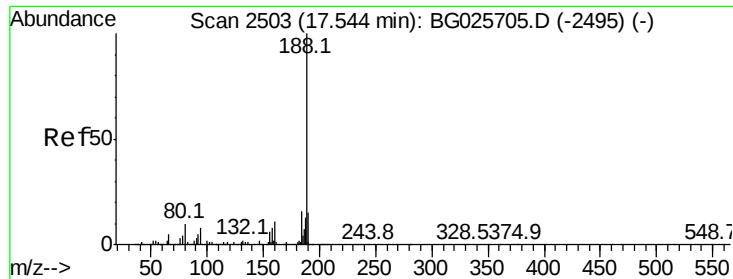
Abundance

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: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG025770.D

Acq: 2 Feb 2017 22:55

Instrument :

BNA_G

ClientSampleId :

PB96675TB

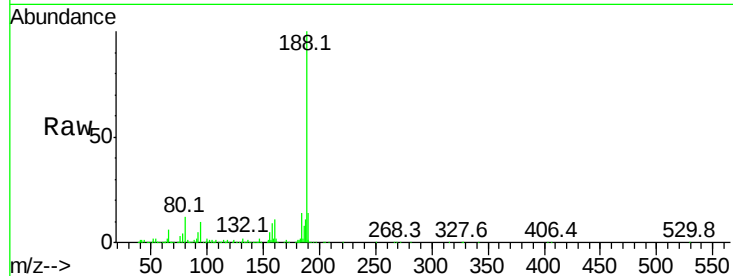
Tot Ion:188 Resp: 586420

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.8#

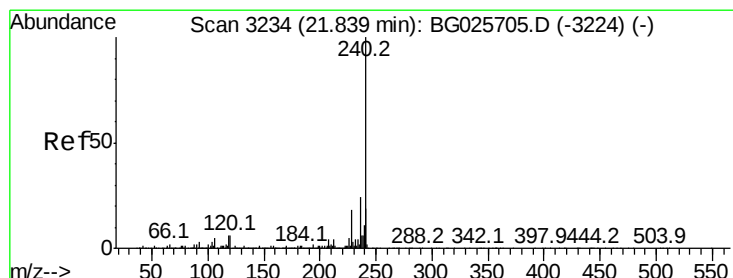
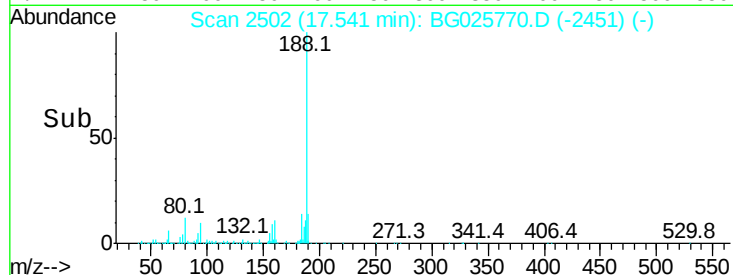
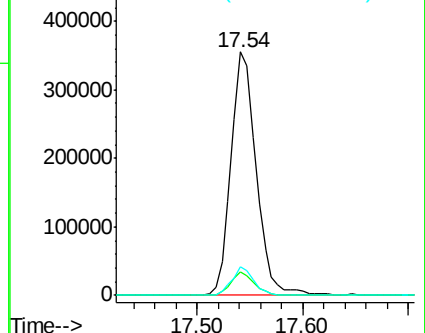
80 11.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025770.D

Acq: 2 Feb 2017 22:55

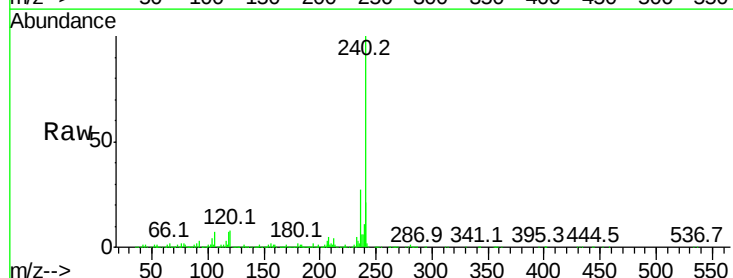
Tgt Ion:240 Resp: 732907

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

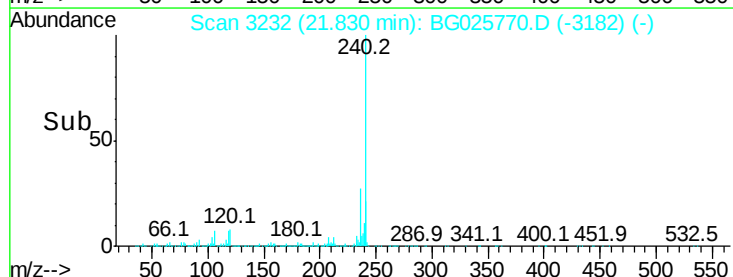
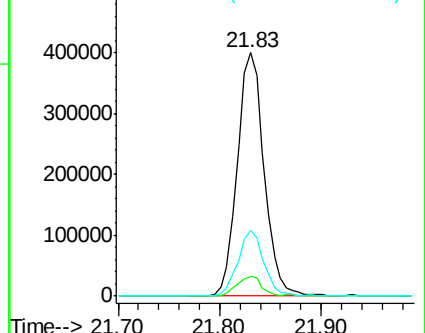
236 27.0 22.2 33.4

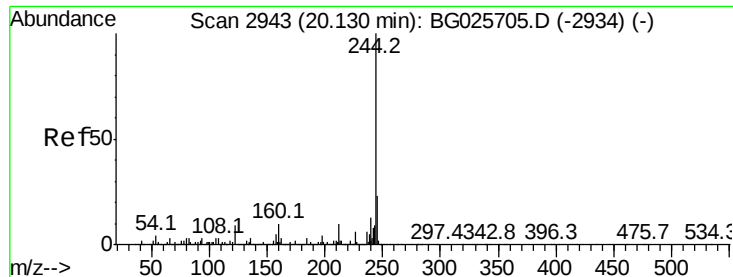


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.46 ng

RT: 20.13 min Scan# 2942

Delta R.T. -0.00 min

Lab File: BG025770.D

Acq: 2 Feb 2017 22:55

Instrument :

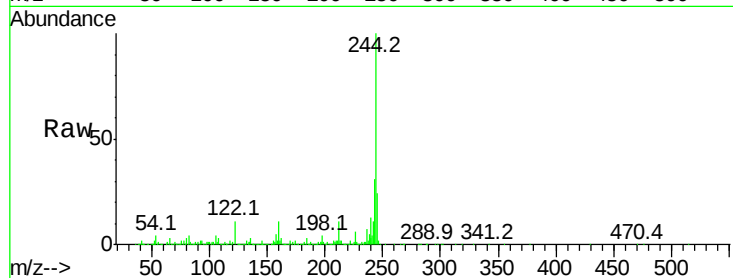
BNA_G

ClientSampleId :

PB96675TB

Tot Ion:244 Resp: 2382300

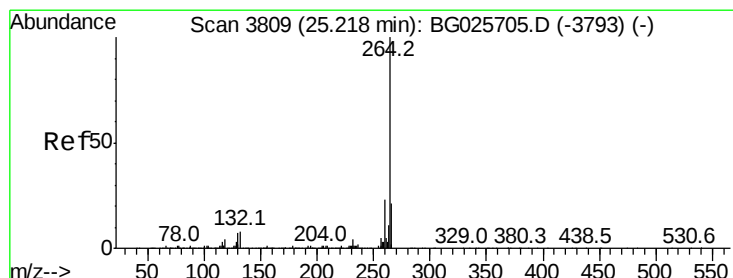
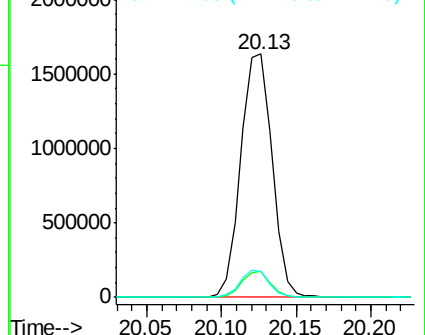
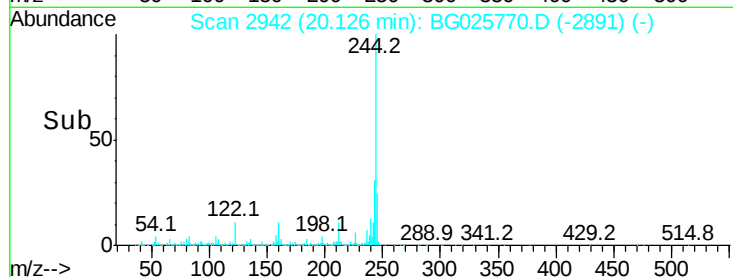
Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.0	15.0
122	10.6	8.6	12.8



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: 25.21 min Scan# 3807

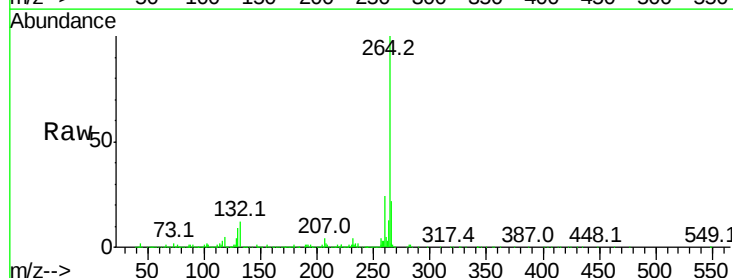
Delta R.T. -0.01 min

Lab File: BG025770.D

Acq: 2 Feb 2017 22:55

Tgt Ion:264 Resp: 724297

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	22.3	18.2	27.4



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

