

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026662.D
 Acq On : 19 Apr 2017 18:52
 Operator : SJ/MA
 Sample : PB98331TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98331TB

Quant Time: Apr 20 01:44:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	138419	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	585572	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	342763	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	960933	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1234315	20.00	ng	-0.02
86) Perylene-d12	24.78	264	1198018	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1180533	155.04	ng	-0.01
7) Phenol-d6	7.19	99	1525145	152.86	ng	-0.02
23) Nitrobenzene-d5	9.19	82	792618	94.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	735436	153.98	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	2218995	96.42	ng	-0.02
78) Terphenyl-d14	19.97	244	3859707	92.32	ng	-0.02

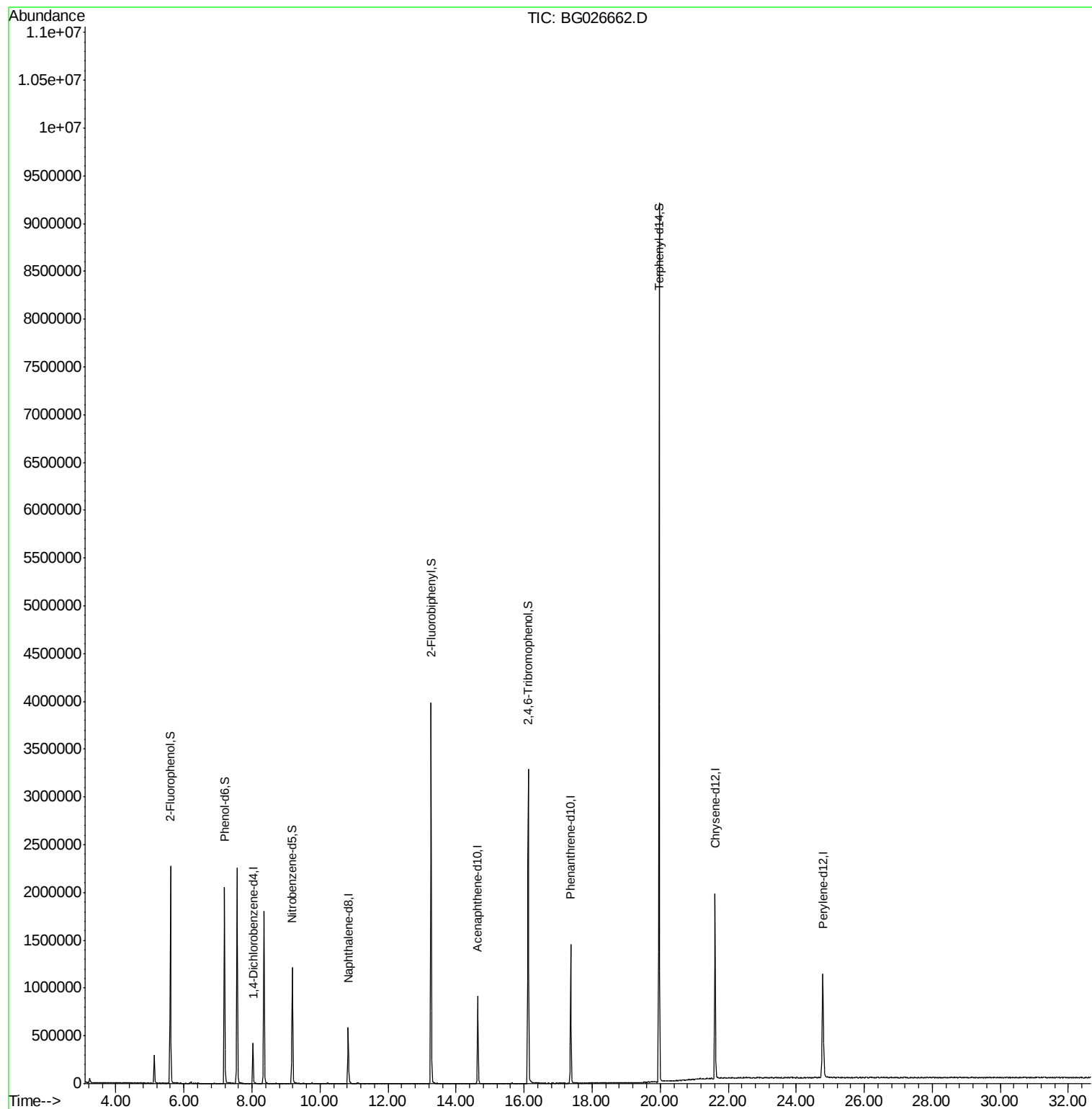
Target Compounds Qvalue

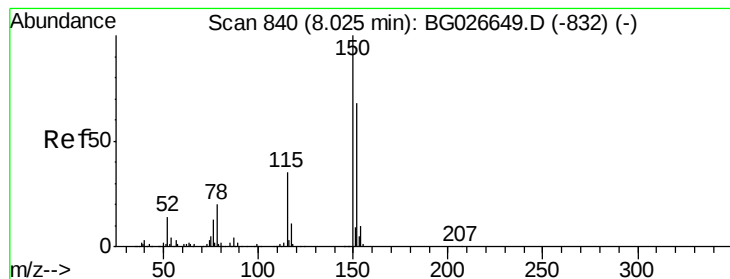
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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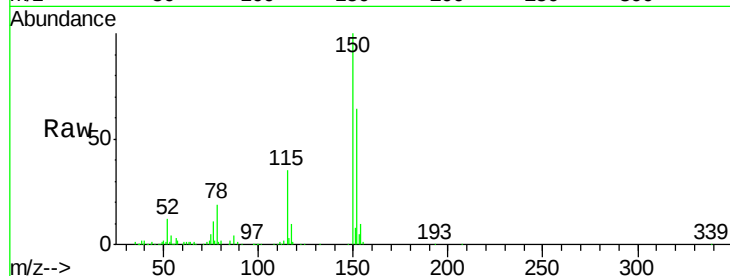


#1

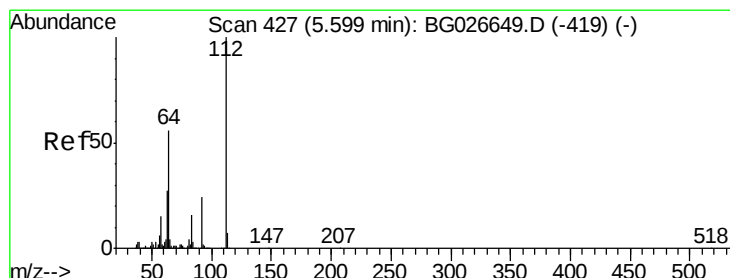
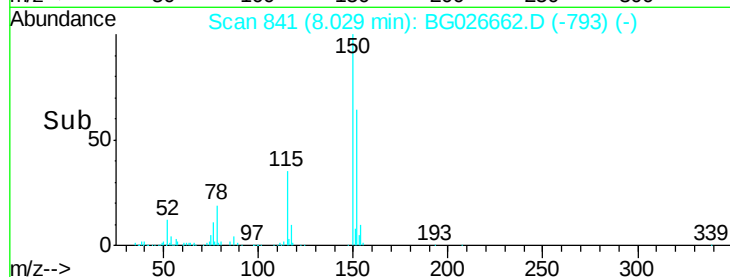
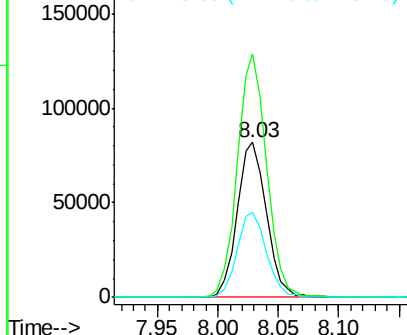
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026662.D
Acq: 19 Apr 2017 18:52

Instrument :
BNA_G
ClientSampleId :
PB98331TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	114.0	171.0
115	54.8	48.1	72.1



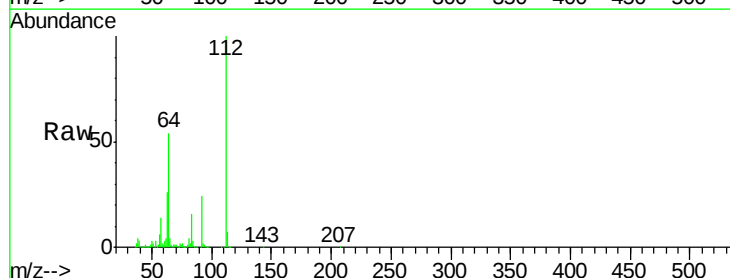
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



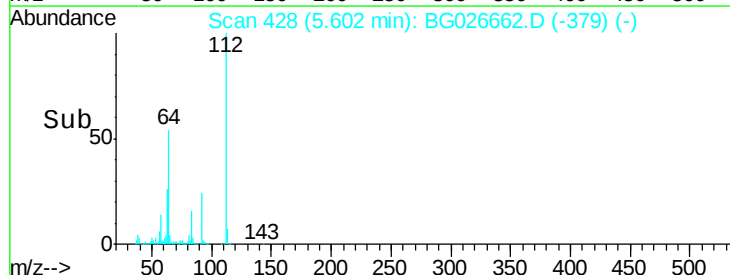
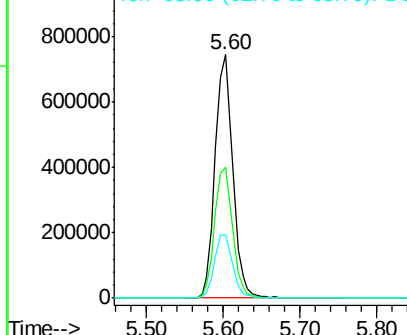
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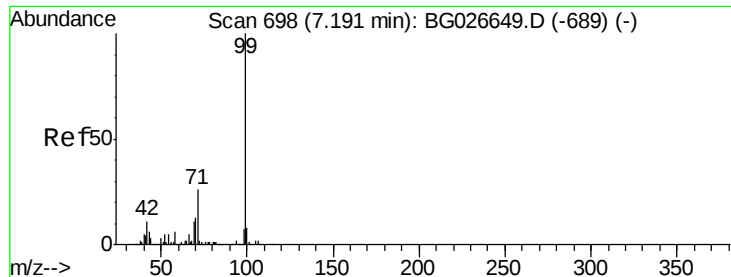
2-Fluorophenol
Concen: 155.04 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG026662.D
Acq: 19 Apr 2017 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	61.8	92.6#
63	26.2	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: 152.86 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG026662.D

Acq: 19 Apr 2017 18:52

Instrument :

BNA_G

ClientSampleId :

PB98331TB

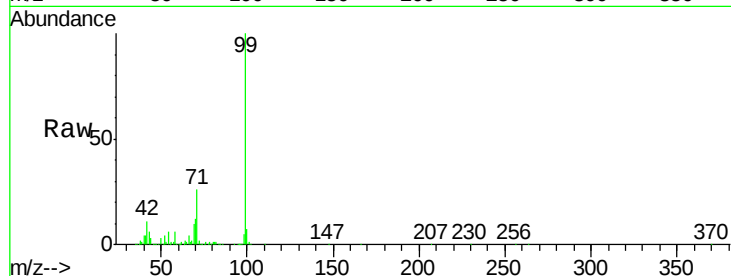
Tot Ion: 99 Resp: 1525145

Ion Ratio Lower Upper

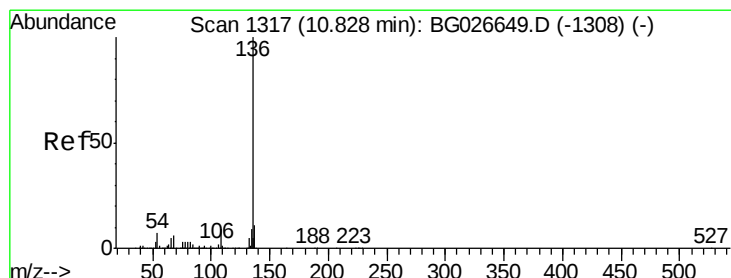
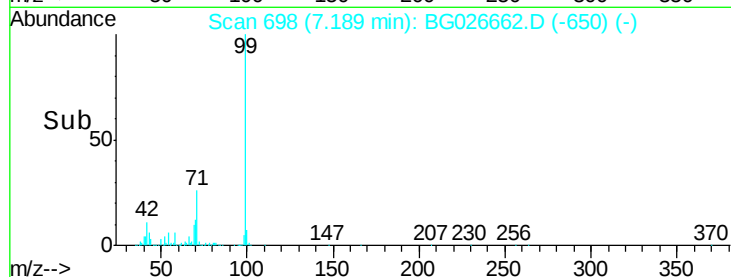
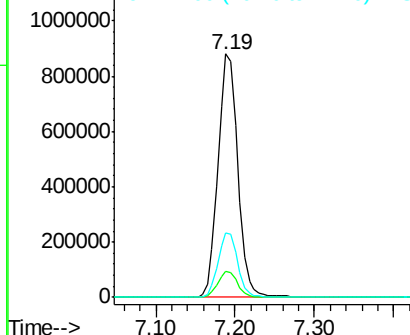
99 100

42 10.7 20.5 30.7#

71 26.4 37.6 56.4#



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: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026662.D

Acq: 19 Apr 2017 18:52

Tgt Ion: 136 Resp: 585572

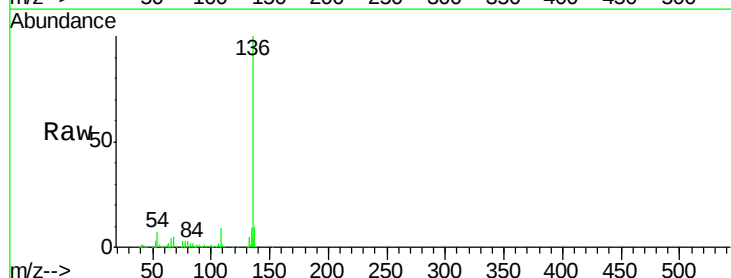
Ion Ratio Lower Upper

136 100

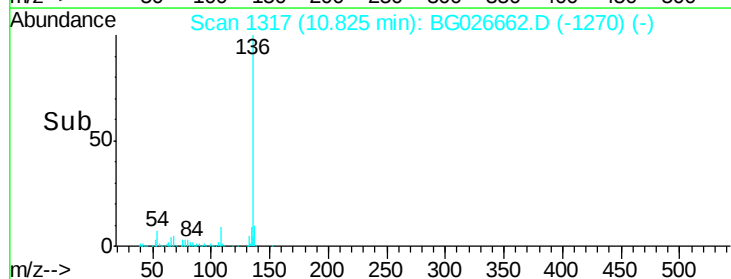
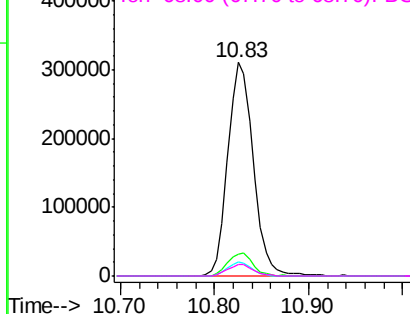
137 10.4 8.9 13.3

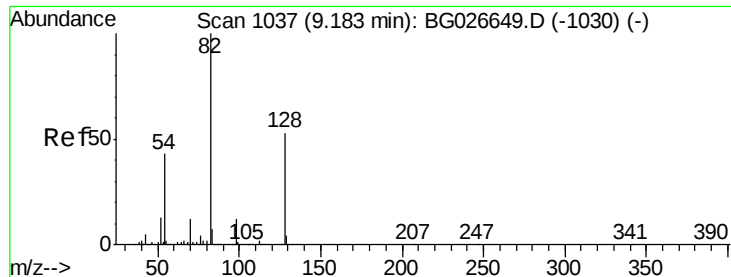
54 6.6 9.3 13.9#

68 5.3 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

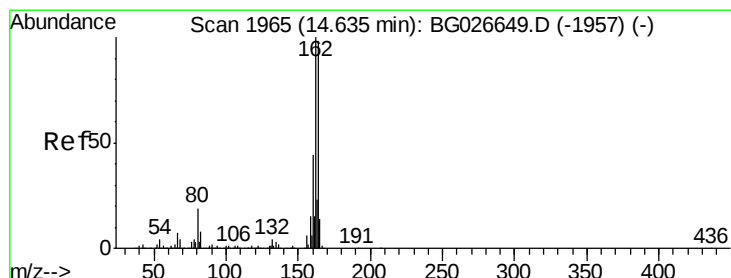
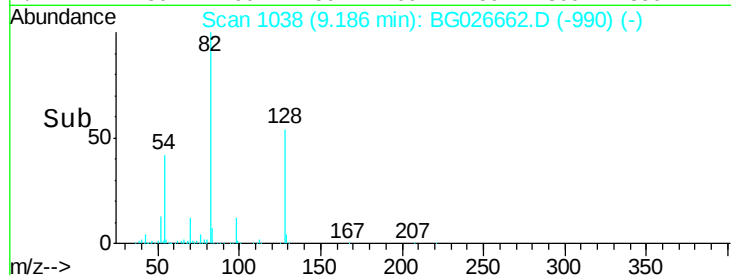
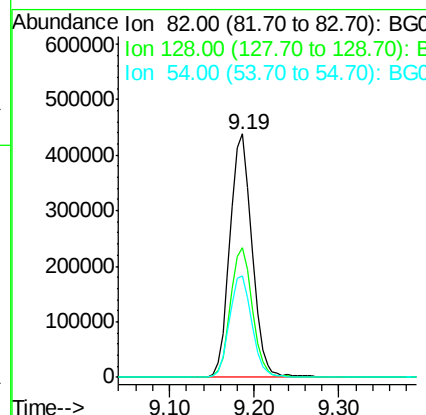
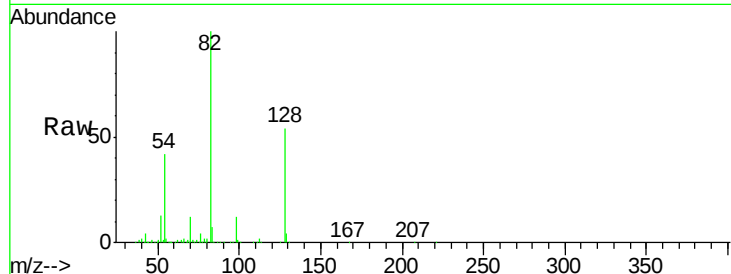




#23
 Nitrobenzene-d5
 Concen: 94.45 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026662.D
 Acq: 19 Apr 2017 18:52

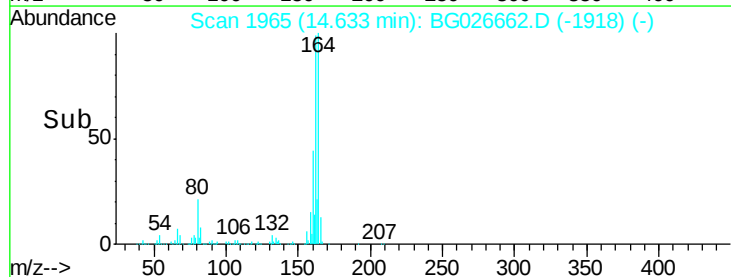
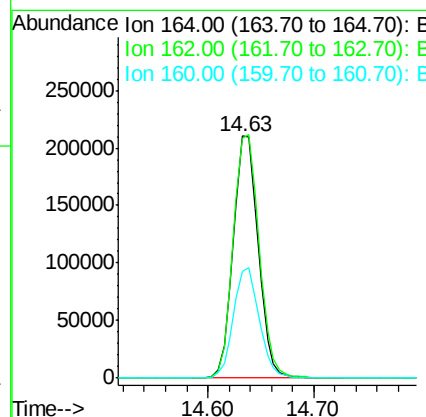
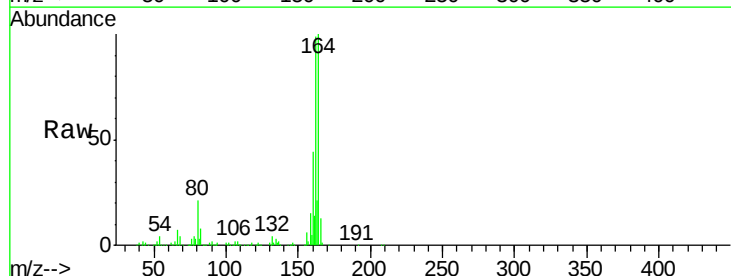
Instrument :
 BNA_G
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 PB98331TB

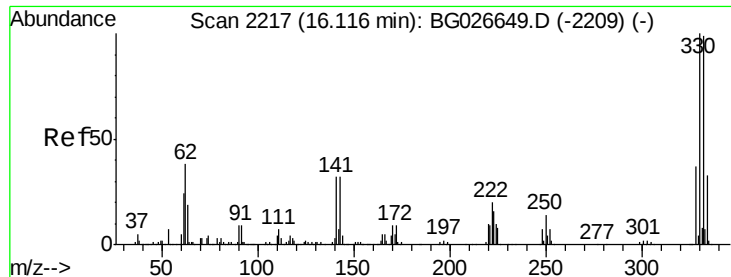
Tot Ion	82	Resp	792618
Ion Ratio	Lower	Upper	
82	100		
128	53.5	26.4	39.6#
54	41.9	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BG026662.D
 Acq: 19 Apr 2017 18:52

Tgt Ion	164	Resp	342763
Ion Ratio	Lower	Upper	
164	100		
162	99.3	85.1	127.7
160	44.0	34.7	52.1

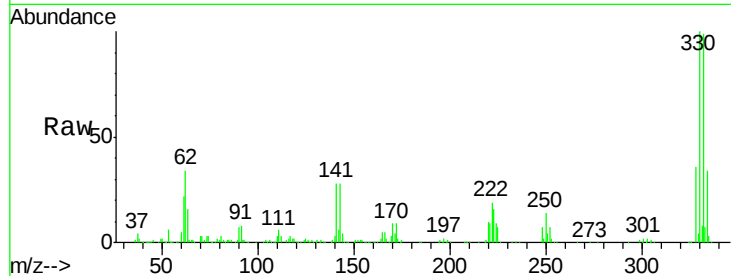




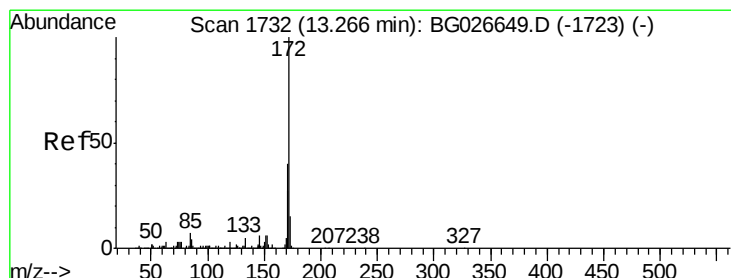
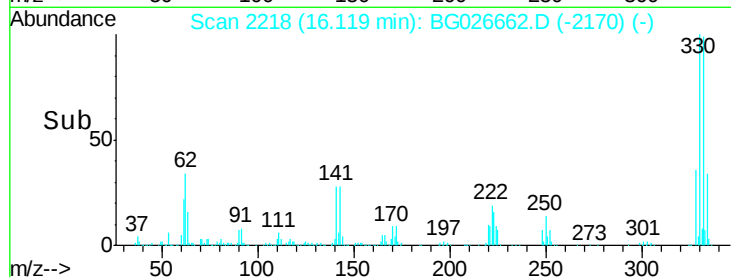
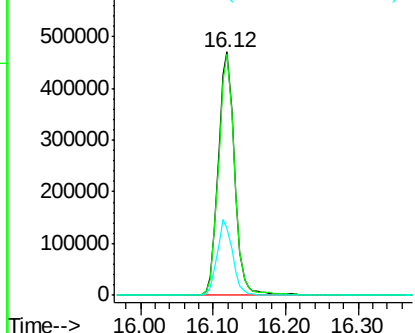
#41
 2,4,6-Tribromophenol
 Concen: 153.98 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026662.D
 Acq: 19 Apr 2017 18:52

Instrument :
 BNA_G
 ClientSampleId :
 PB98331TB

Tot Ion:330 Resp: 735436
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.3 115.9
 141 29.9 32.1 48.1#

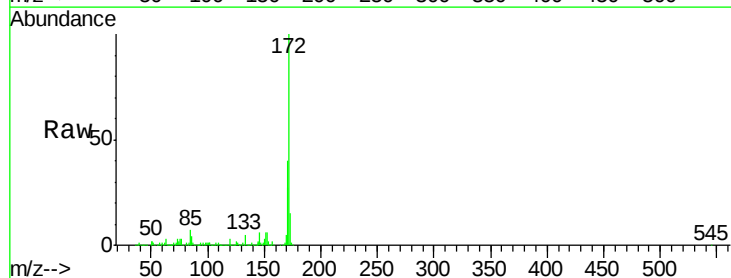


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

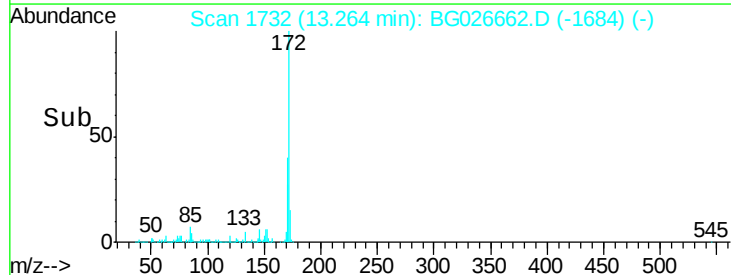
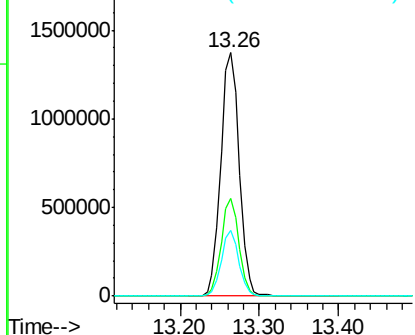


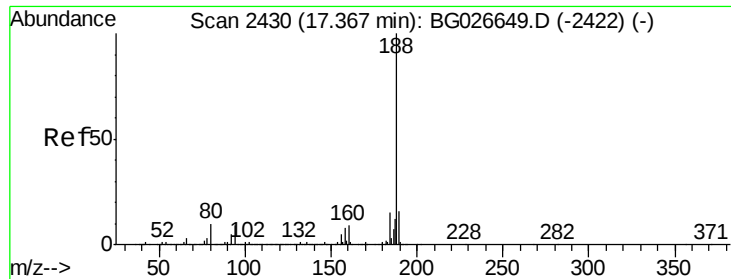
#44
 2-Fluorobiphenyl
 Concen: 96.42 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026662.D
 Acq: 19 Apr 2017 18:52

Tgt Ion:172 Resp: 2218995
 Ion Ratio Lower Upper
 172 100
 171 40.2 32.2 48.2
 170 26.8 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: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026662.D

Acq: 19 Apr 2017 18:52

Instrument :

BNA_G

ClientSampleId :

PB98331TB

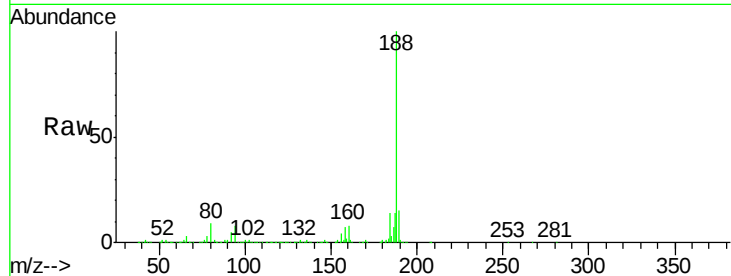
Tot Ion:188 Resp: 960933

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.8

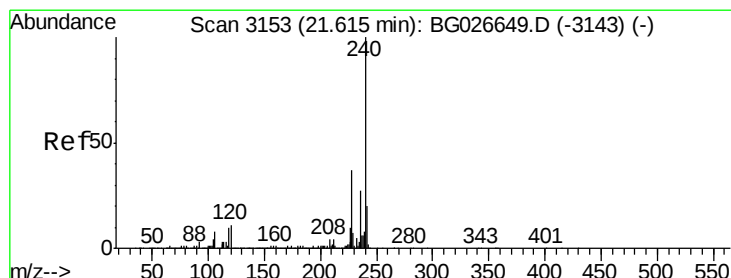
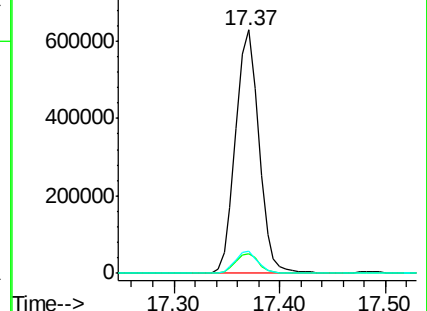
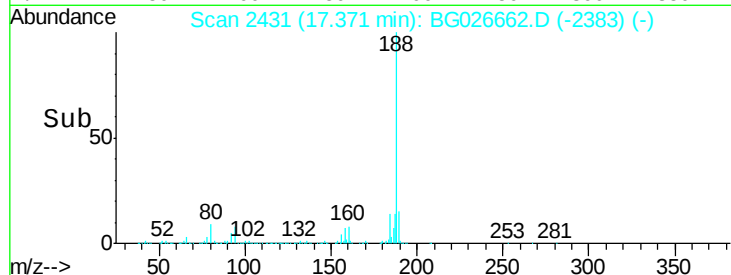
80 8.9 7.5 11.3



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: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026662.D

Acq: 19 Apr 2017 18:52

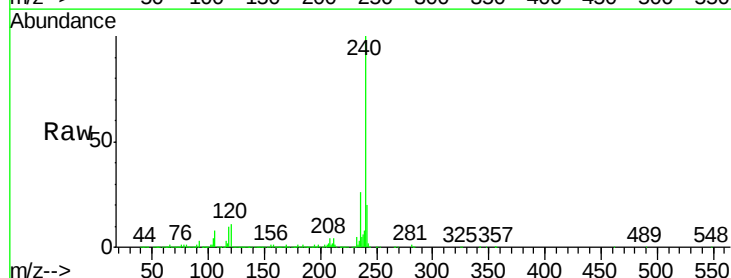
Tgt Ion:240 Resp: 1234315

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

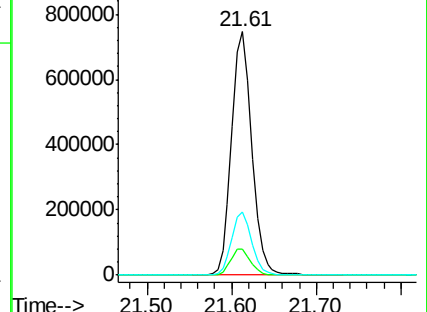
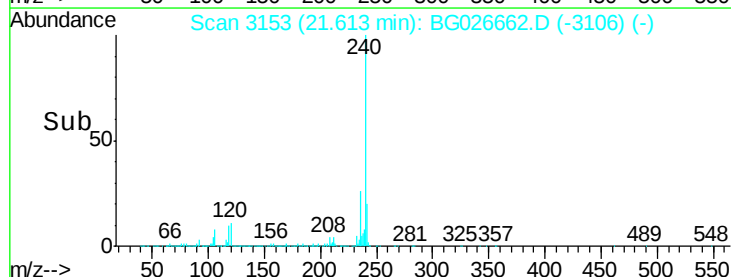
236 26.0 22.2 33.4

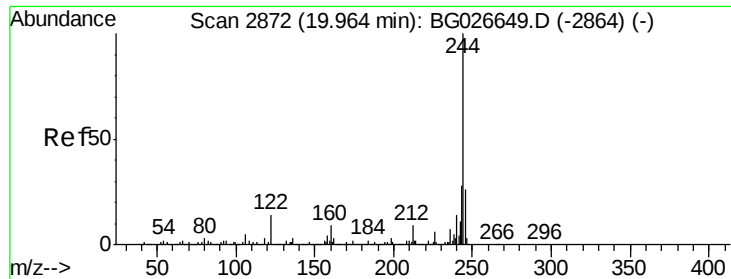


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

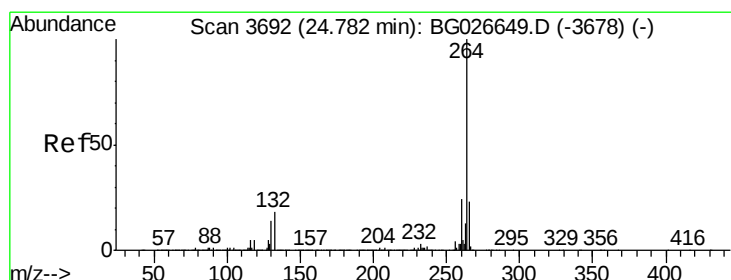
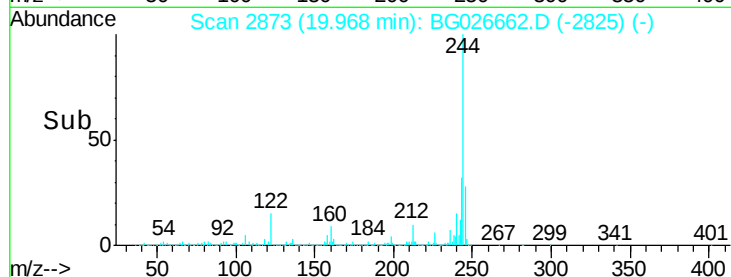
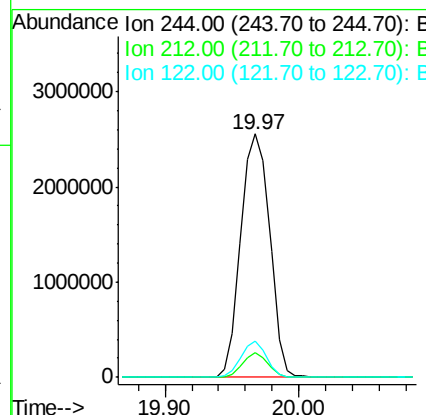
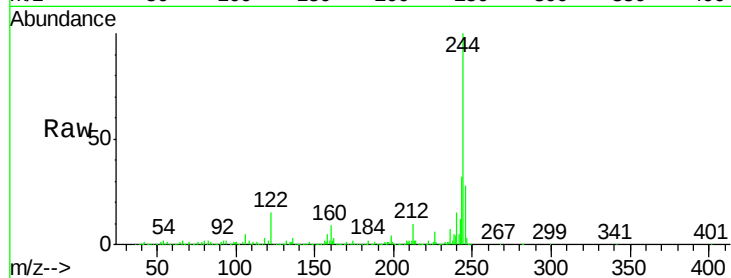




#78
 Terphenyl-d14
 Concen: 92.32 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. -0.02 min
 Lab File: BG026662.D
 Acq: 19 Apr 2017 18:52

Instrument :
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Tot Ion:244 Resp: 3859707
 Ion Ratio Lower Upper
 244 100
 212 10.0 10.0 15.0#
 122 14.7 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.78 min Scan# 3692
 Delta R.T. -0.04 min
 Lab File: BG026662.D
 Acq: 19 Apr 2017 18:52

Tgt Ion:264 Resp: 1198018
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.8 32.8
 265 21.9 18.2 27.4

