

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025817.D
 Acq On : 7 Feb 2017 00:41
 Operator : SJ/MA
 Sample : I1697-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B26-B27-001

Quant Time: Feb 07 02:53:05 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

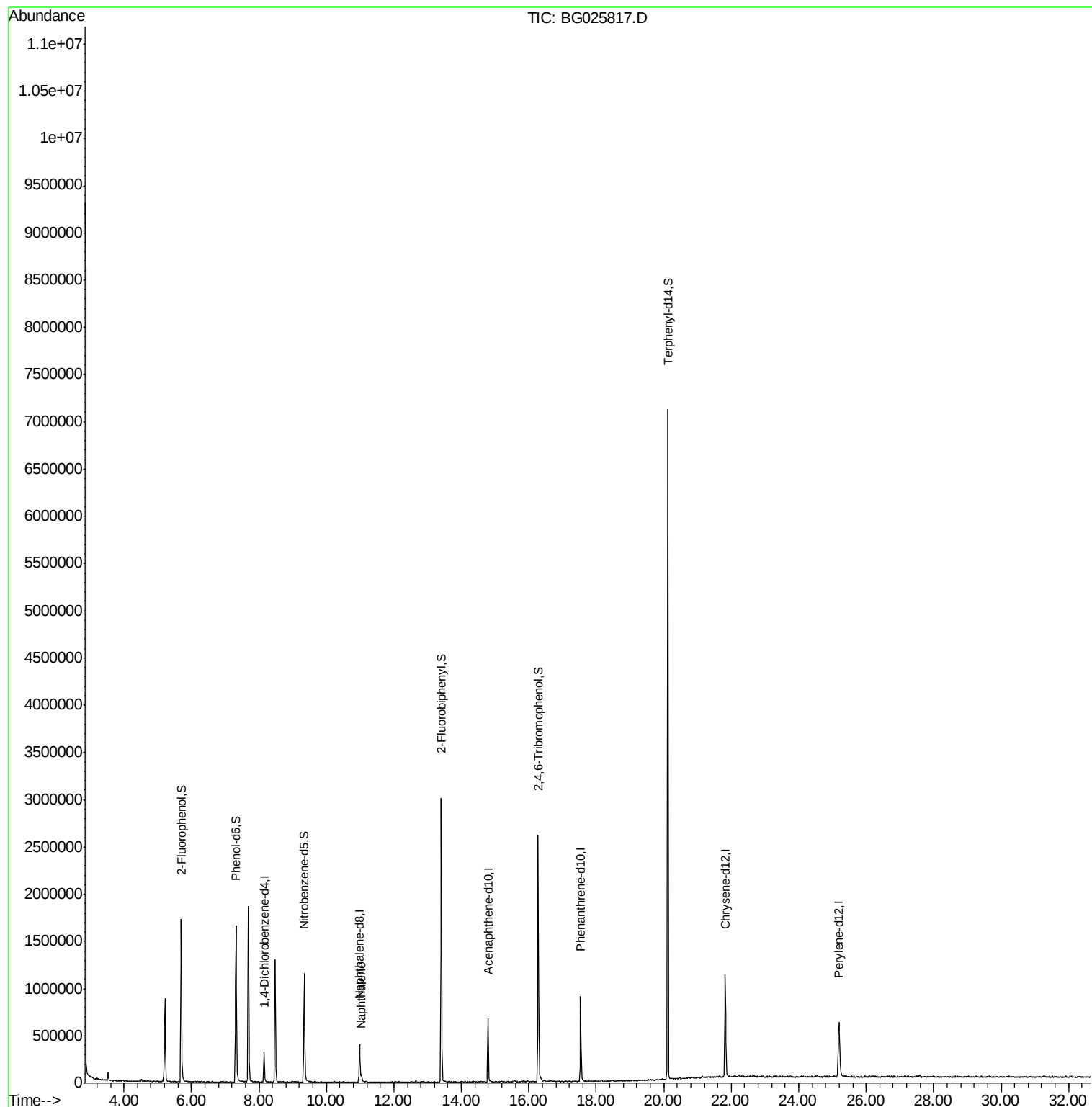
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	78619	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	330924	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	252512	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	573764	20.00	ng	0.00
75) Chrysene-d12	21.82	240	754360	20.00	ng	-0.02
86) Perylene-d12	25.19	264	720975	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	684111	155.95	ng	0.00
7) Phenol-d6	7.32	99	895960	139.84	ng	0.00
23) Nitrobenzene-d5	9.34	82	761456	97.22	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	502850	139.64	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1441946	92.74	ng	-0.02
78) Terphenyl-d14	20.12	244	2687789	86.00	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	68145	3.97	ng	Qvalue # 96

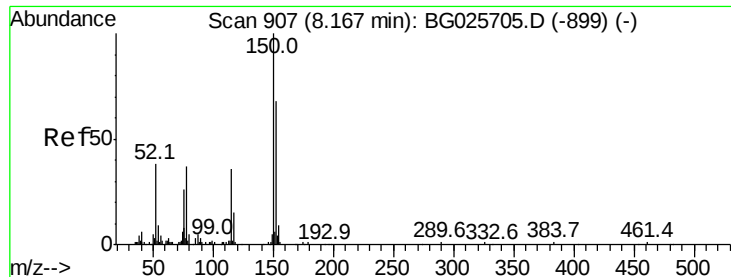
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

Instrument :

BNA_G

ClientSampleId :

WC-B26-B27-001

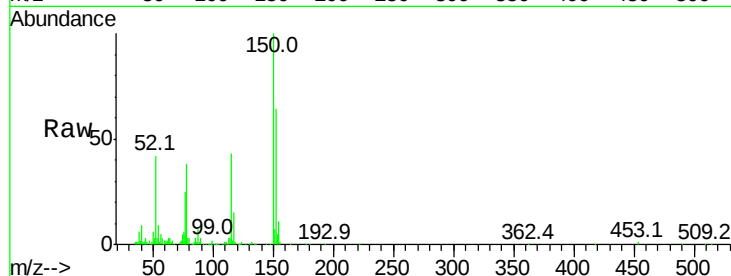
Tot Ion:152 Resp: 78619

Ion Ratio Lower Upper

152 100

150 156.6 114.0 171.0

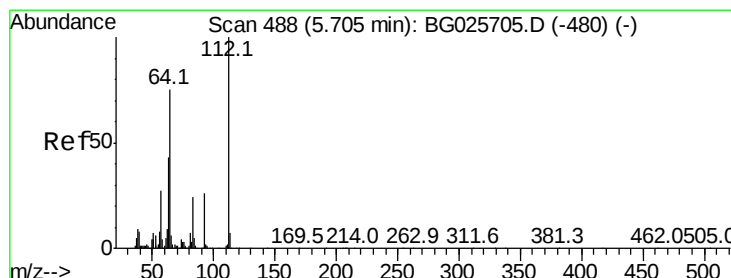
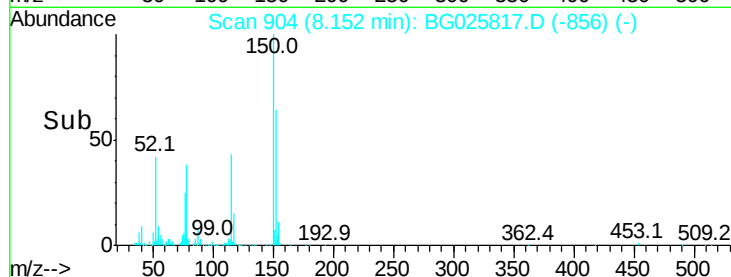
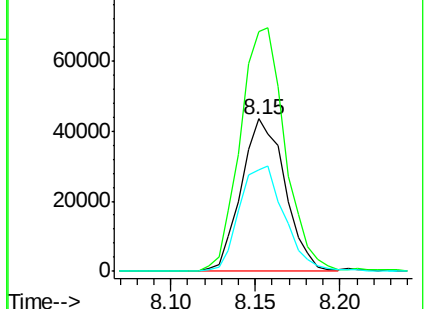
115 66.8 48.1 72.1



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



#5

2-Fluorophenol

Concen: 155.95 ng

RT: 5.70 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

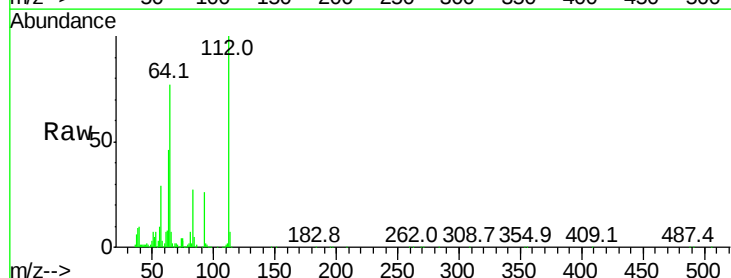
Tgt Ion:112 Resp: 684111

Ion Ratio Lower Upper

112 100

64 76.8 61.8 92.6

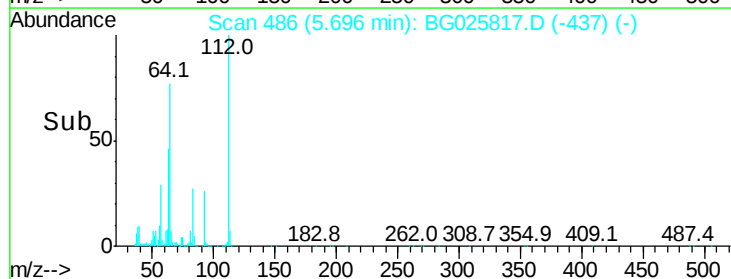
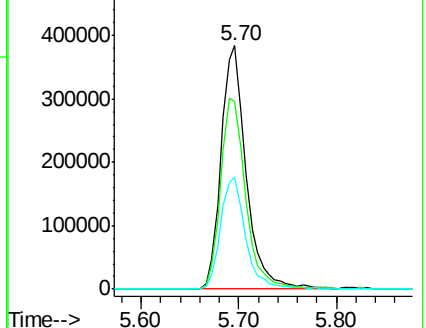
63 46.2 37.2 55.8

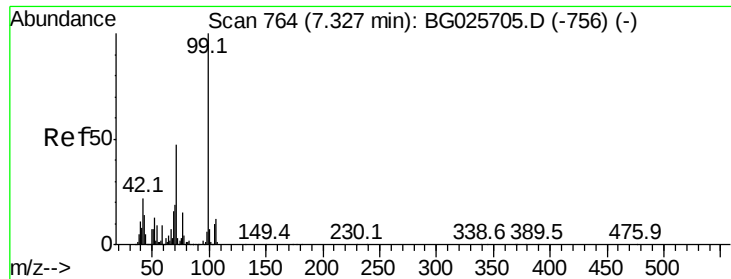


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.84 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

Instrument :

BNA_G

ClientSampleId :

WC-B26-B27-001

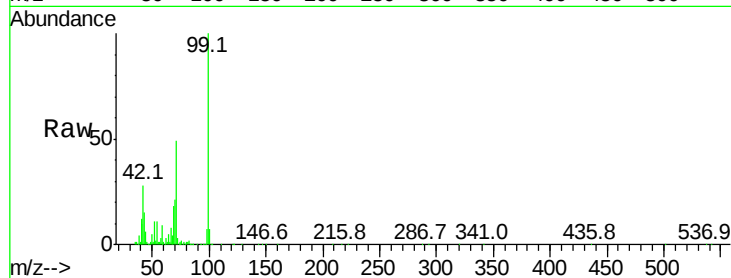
Tot Ion: 99 Resp: 895960

Ion Ratio Lower Upper

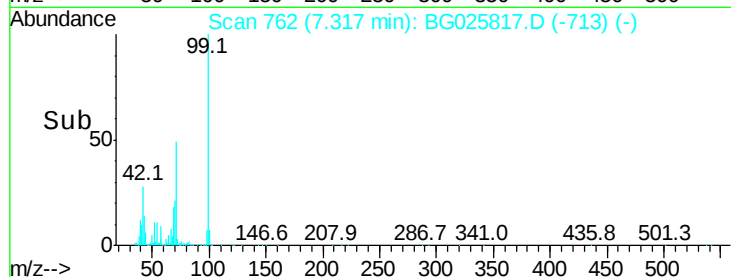
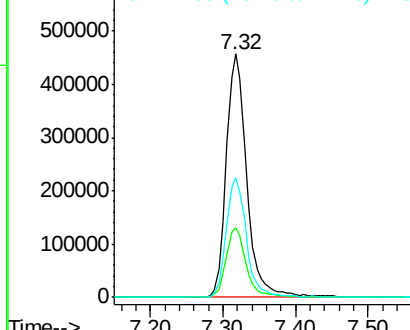
99 100

42 28.4 20.5 30.7

71 49.3 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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

Tgt Ion: 136 Resp: 330924

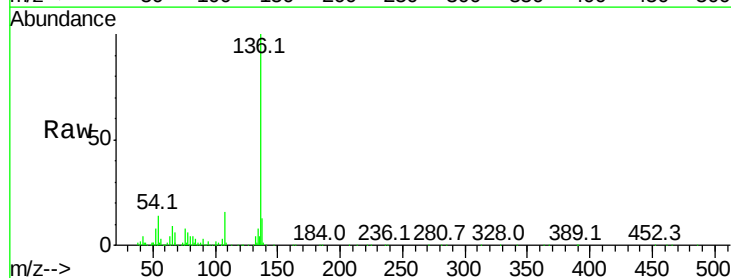
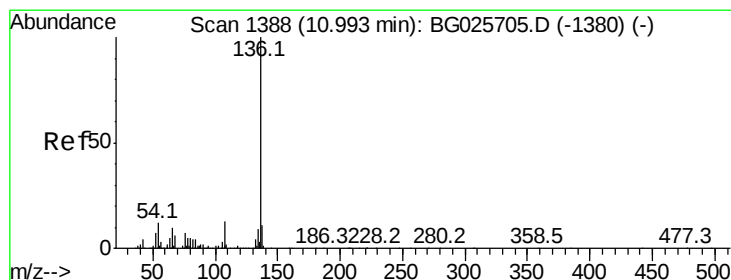
Ion Ratio Lower Upper

136 100

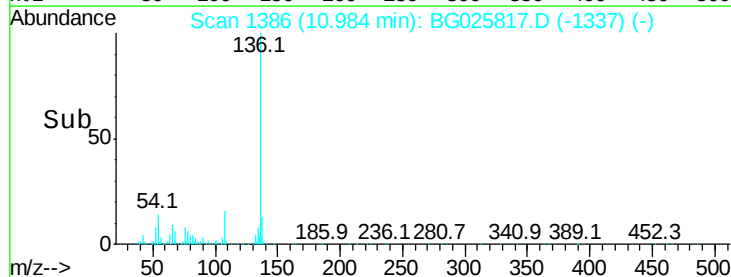
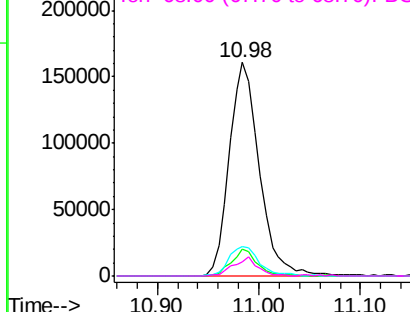
137 12.5 8.9 13.3

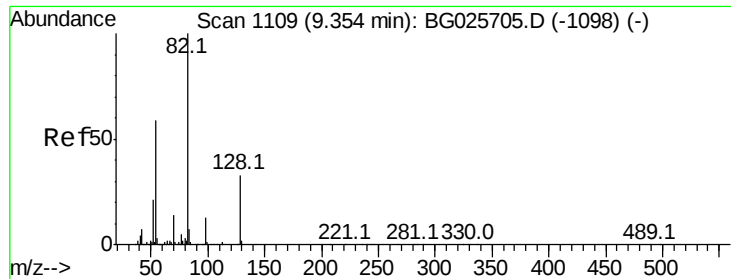
54 13.8 9.3 13.9

68 6.3 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

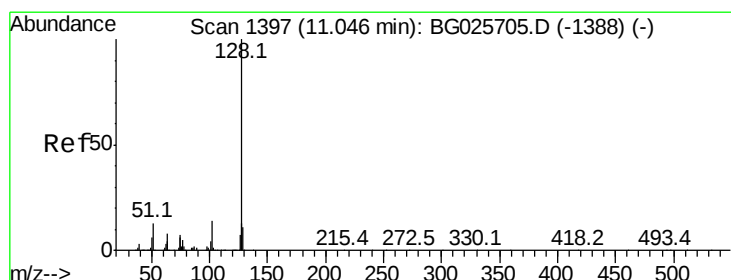
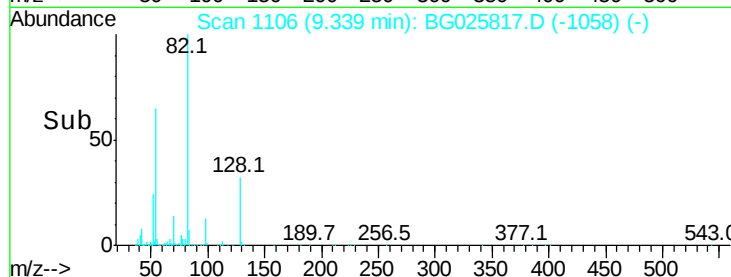
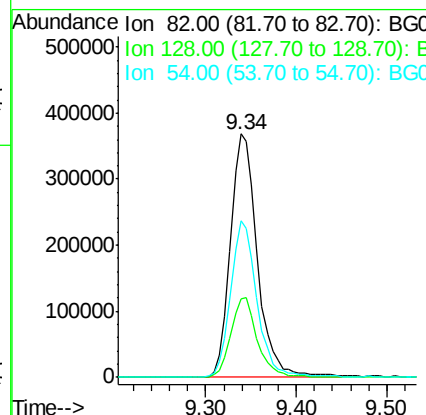
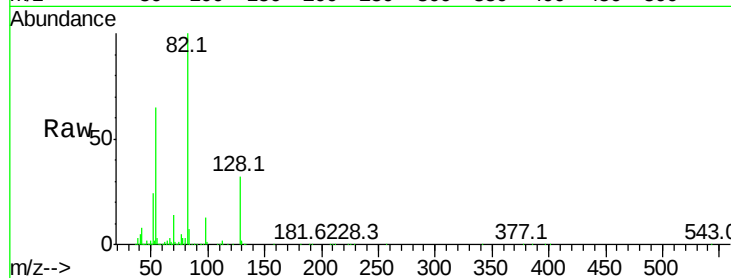




#23
 Nitrobenzene-d5
 Concen: 97.22 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BG025817.D
 Acq: 7 Feb 2017 00:41

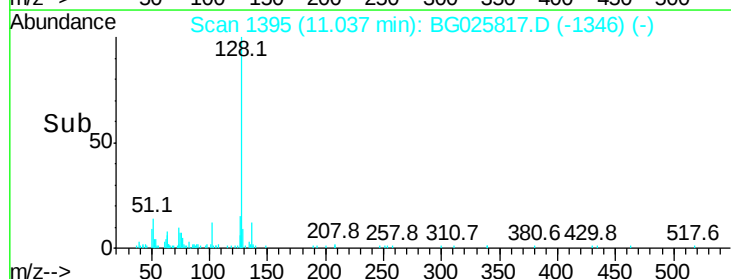
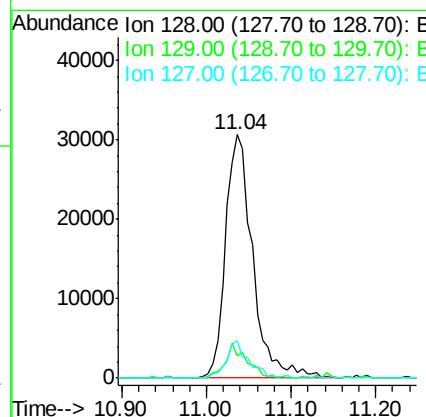
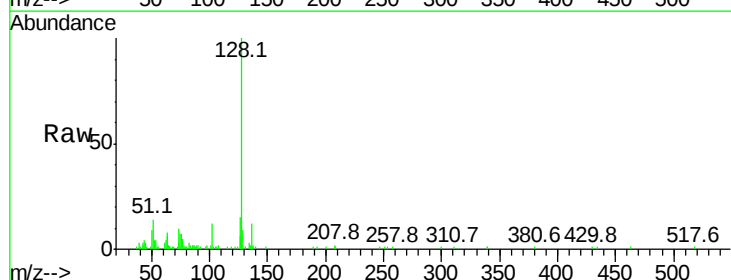
Instrument :
 BNA_G
 ClientSampleId :
 WC-B26-B27-001

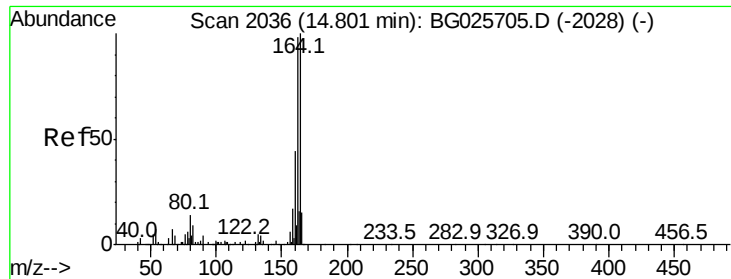
Tot Ion	82	Resp	761456
Ion Ratio	100	Lower	Upper
128	32.2	26.4	39.6
54	64.5	49.4	74.2



#31
 Naphthalene
 Concen: 3.97 ng
 RT: 11.04 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BG025817.D
 Acq: 7 Feb 2017 00:41

Tgt Ion	128	Resp	68145
Ion Ratio	100	Lower	Upper
129	9.1	9.3	13.9#
127	15.3	11.4	17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

Instrument :

BNA_G

ClientSampleId :

WC-B26-B27-001

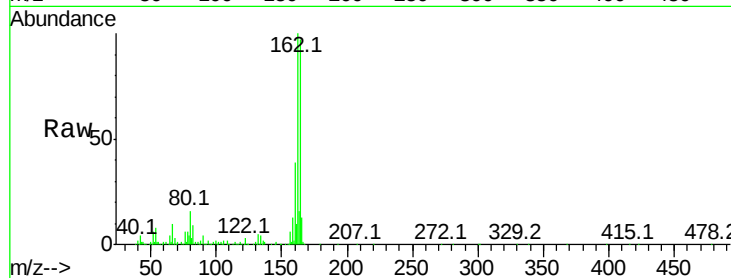
Tot Ion:164 Resp: 252512

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

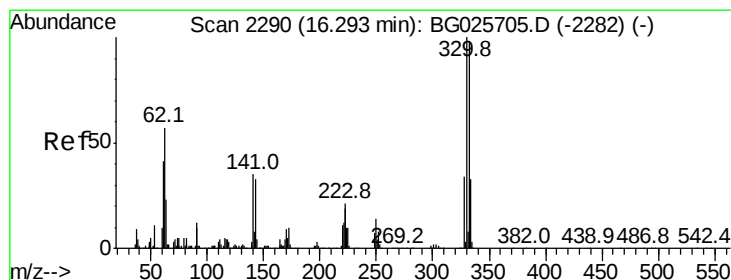
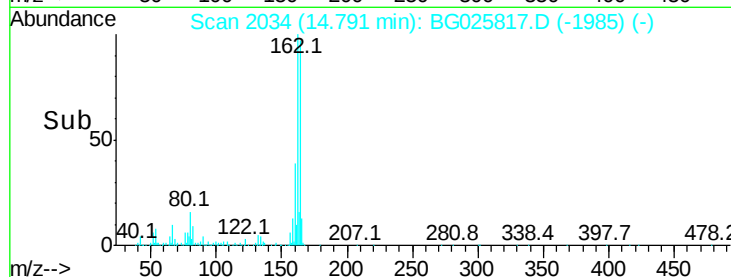
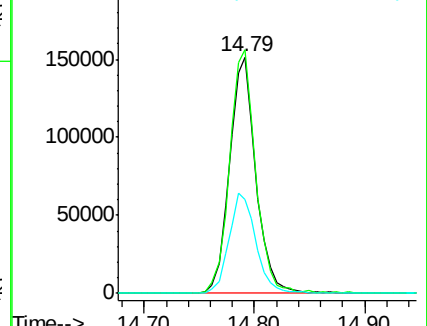
160 39.8 34.7 52.1



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: 139.64 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

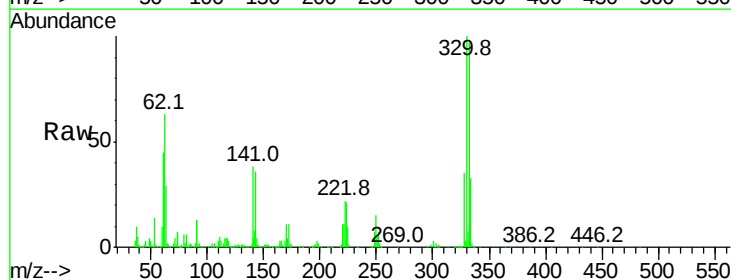
Tgt Ion:330 Resp: 502850

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

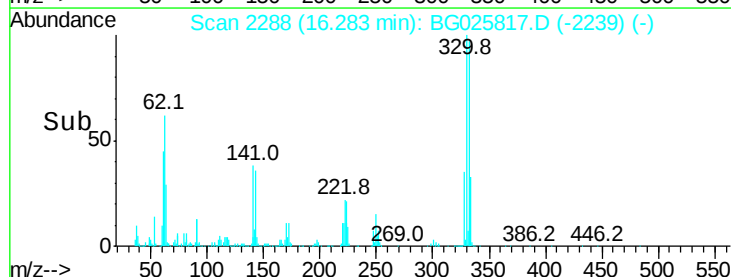
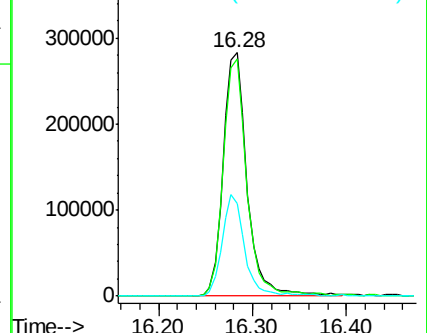
141 39.5 32.1 48.1

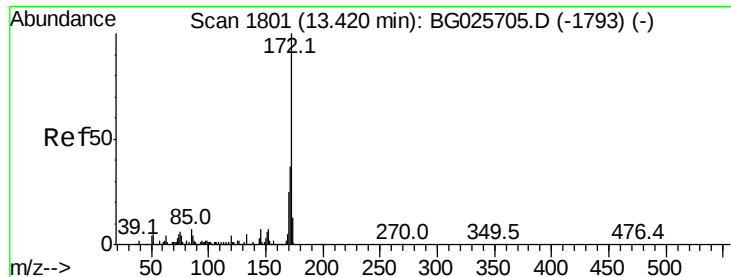


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

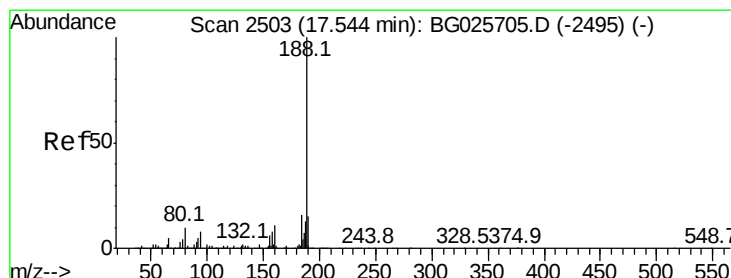
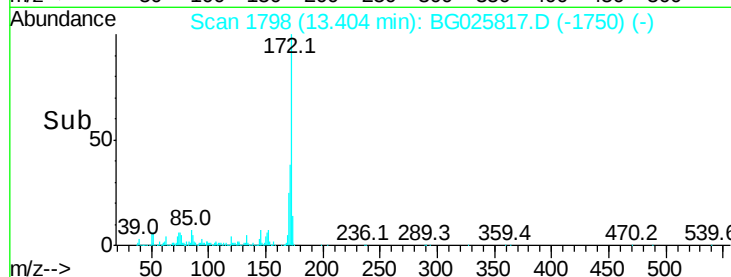
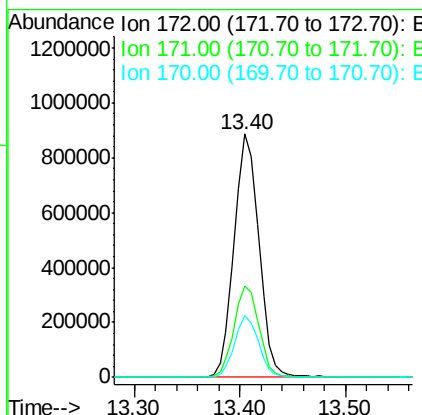
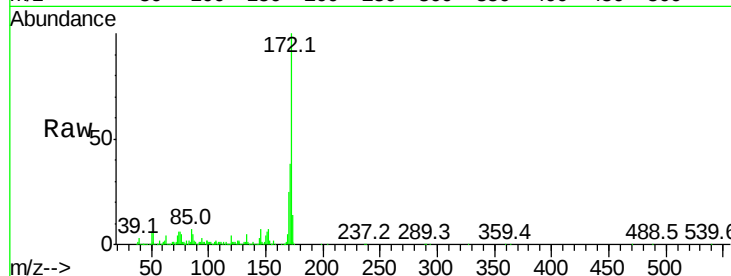




#44
2-Fluorobiphenyl
Concen: 92.74 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

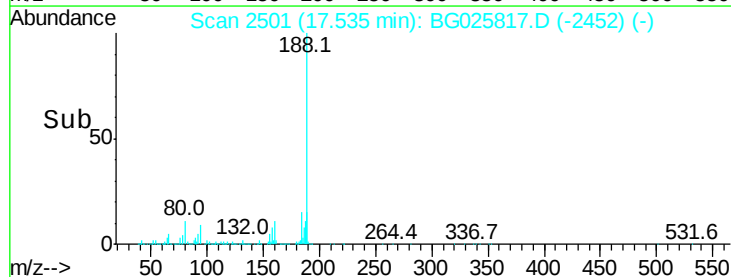
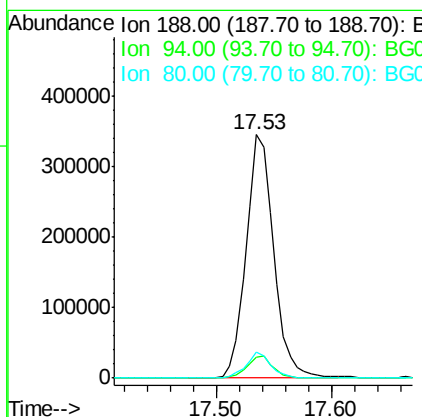
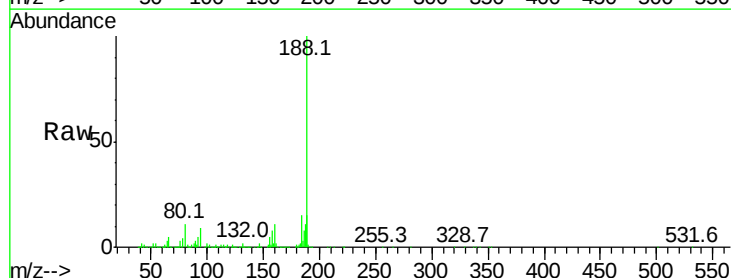
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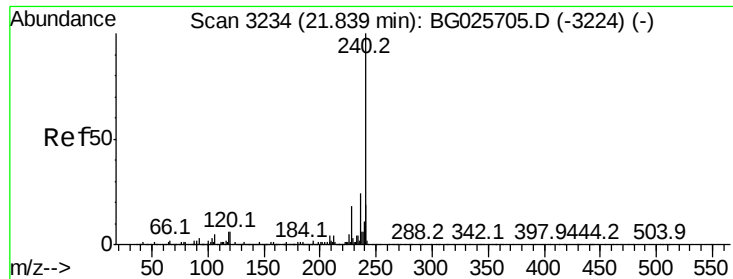
Tot Ion:172 Resp: 1441946
Ion Ratio Lower Upper
172 100
171 37.5 32.2 48.2
170 25.2 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

Tgt Ion:188 Resp: 573764
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 10.7 7.5 11.3

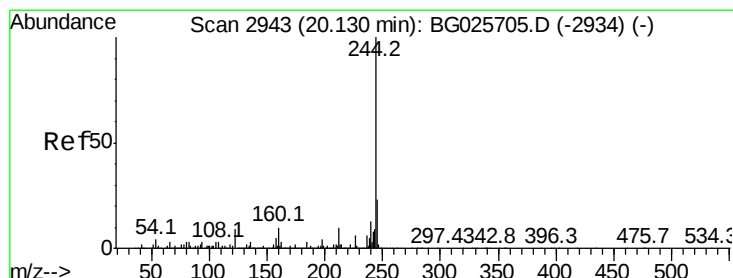
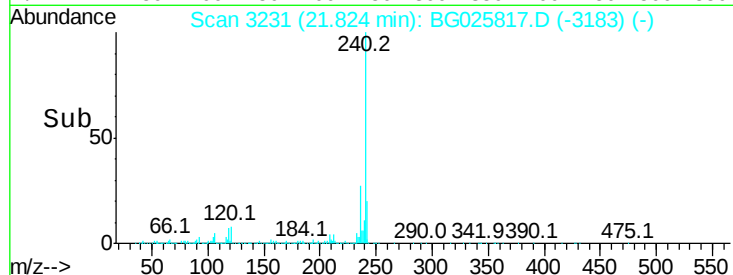
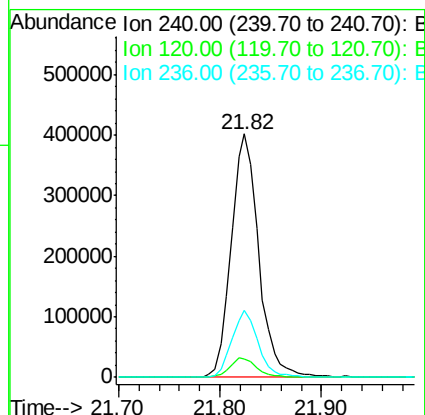
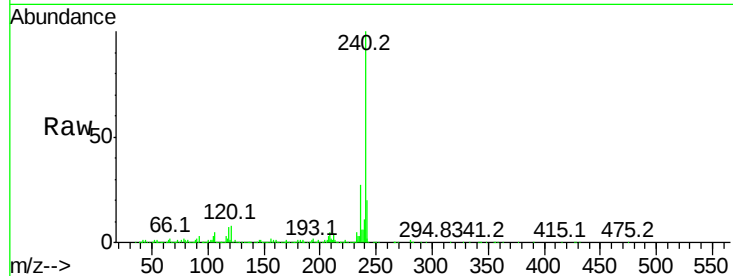




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

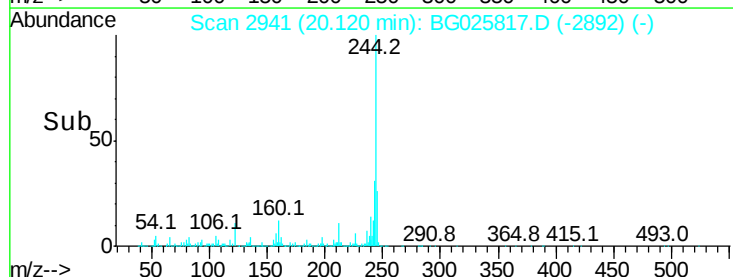
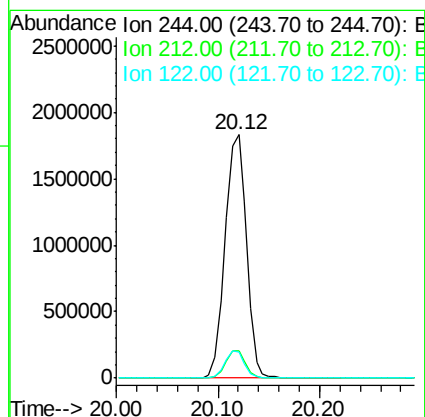
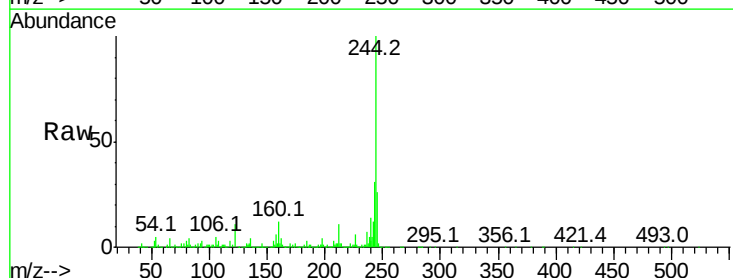
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BNA_G
ClientSampleId :
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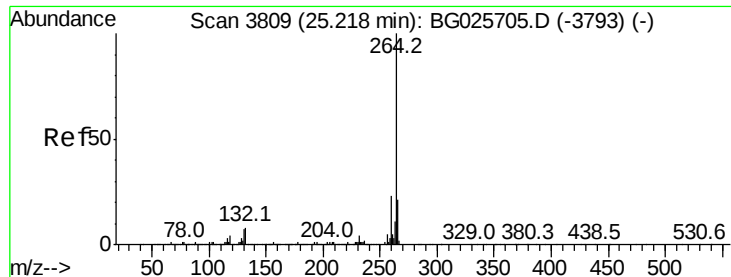
Tot Ion:240 Resp: 754360
Ion Ratio Lower Upper
240 100
120 7.6 5.7 8.5
236 27.4 22.2 33.4



#78
Terphenyl-d14
Concen: 86.00 ng
RT: 20.12 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

Tgt Ion:244 Resp: 2687789
Ion Ratio Lower Upper
244 100
212 11.3 10.0 15.0
122 10.9 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3804
Delta R.T. -0.03 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	18.9	18.2	27.4

