

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
 Data File : BG026620.D
 Acq On : 11 Apr 2017 17:09
 Operator : SJ/MA
 Sample : PB98177BL
 Misc : For Confirmation
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98177BL

Quant Time: Apr 12 05:23:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	164738	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	667163	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	390650	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	966672	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1261408	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1192057	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	810061	87.28	ng	0.00
7) Phenol-d6	7.20	99	1038968	83.38	ng	0.00
23) Nitrobenzene-d5	9.19	82	813064	73.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	446488	99.80	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2313677	83.06	ng	-0.02
78) Terphenyl-d14	19.97	244	3568253	68.70	ng	-0.02

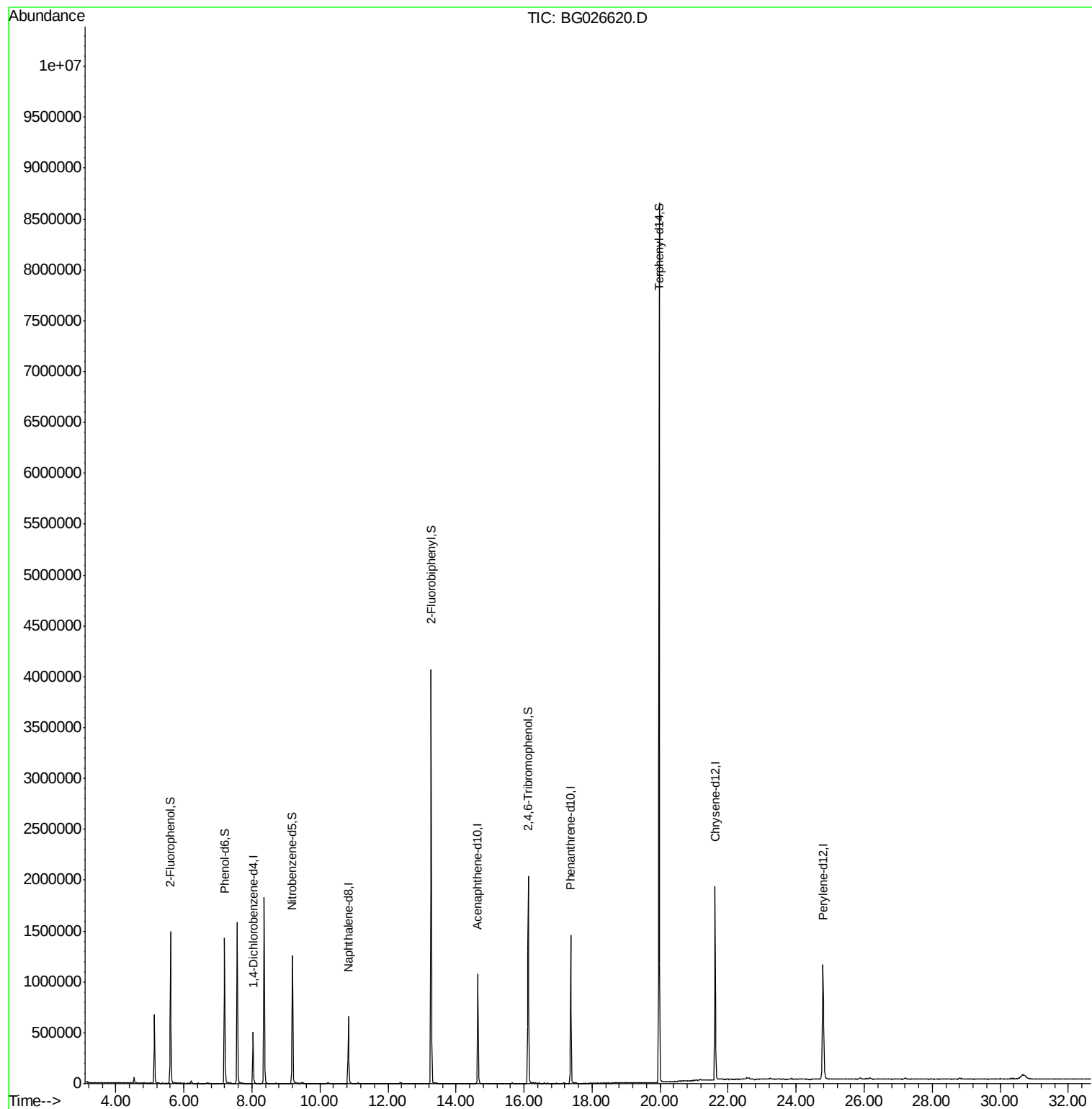
Target Compounds Qvalue

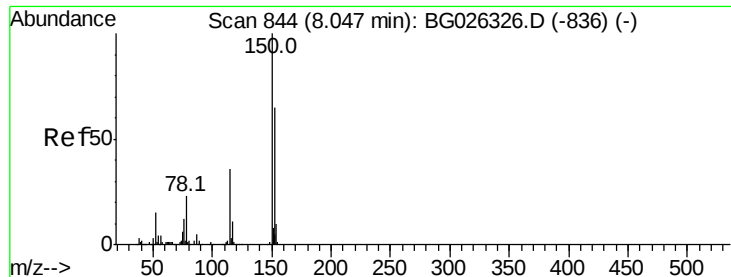
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 11 Apr 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB98177BL

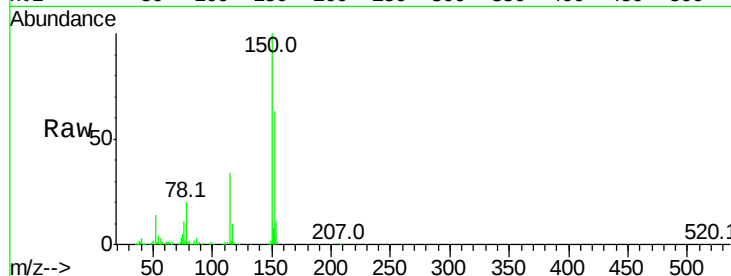
Tot Ion:152 Resp: 164738

Ion Ratio Lower Upper

152 100

150 157.9 114.0 171.0

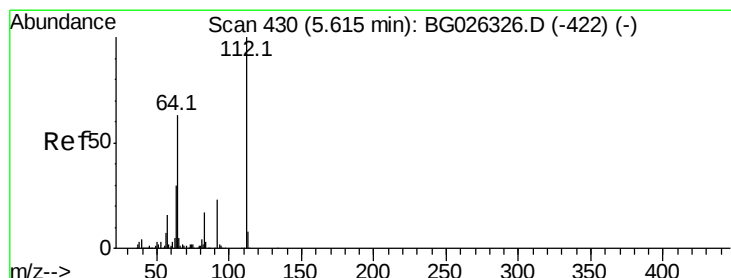
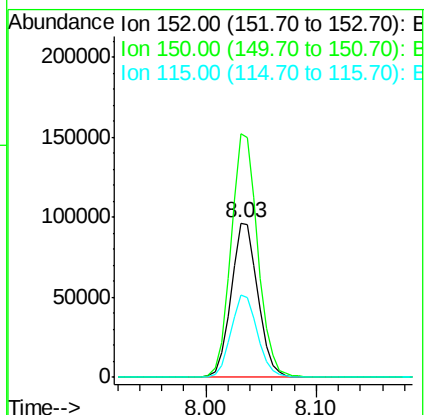
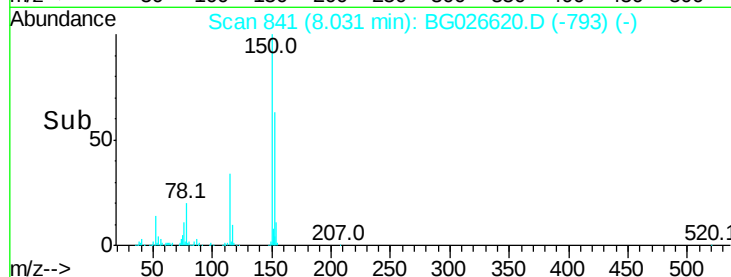
115 53.8 48.1 72.1



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: 87.28 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG026620.D

Acq: 11 Apr 2017 17:09

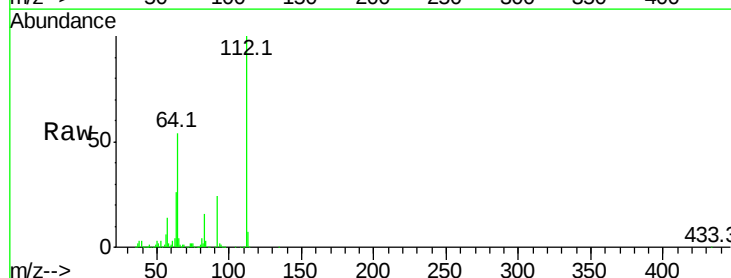
Tgt Ion:112 Resp: 810061

Ion Ratio Lower Upper

112 100

64 53.9 61.8 92.6#

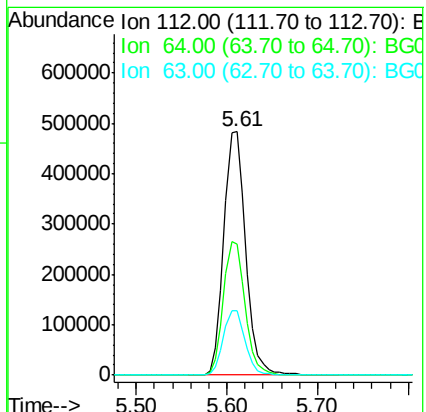
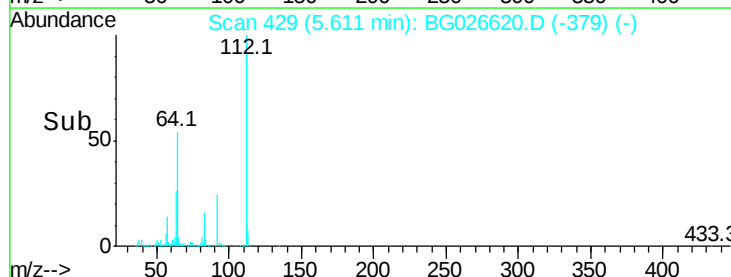
63 26.3 37.2 55.8#

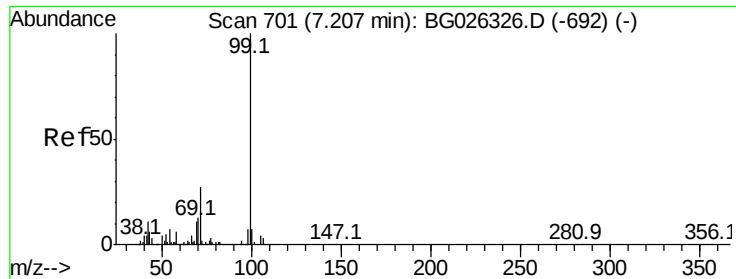


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 83.38 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG026620.D

Acq: 11 Apr 2017 17:09

Instrument :

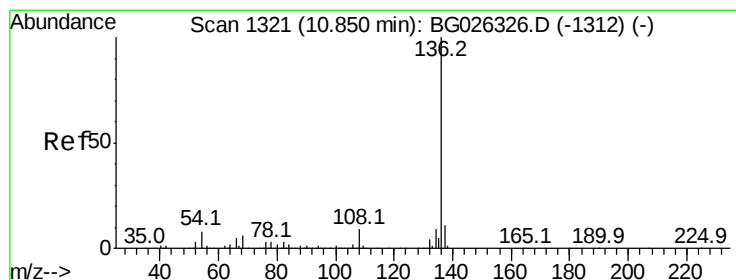
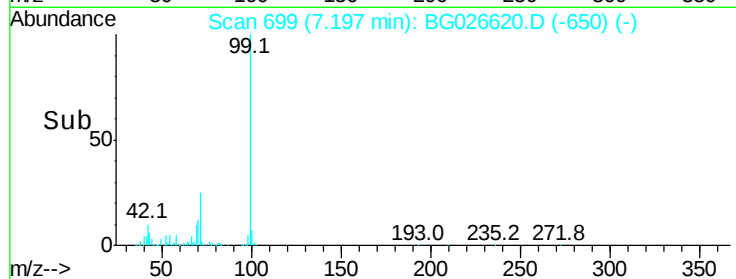
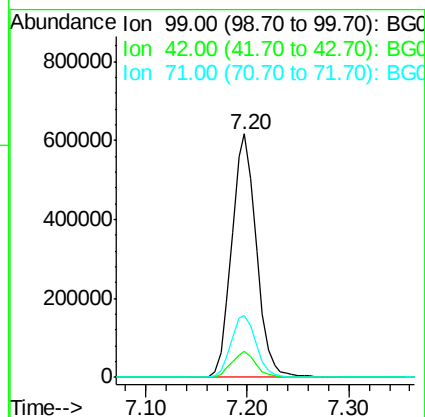
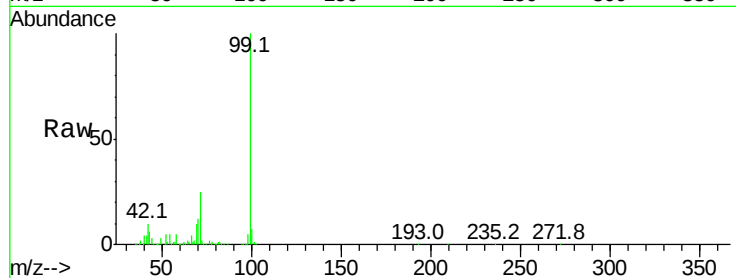
BNA_G

ClientSampleId :

PB98177BL

Tot Ion: 99 Resp: 1038968

Ion	Ratio	Lower	Upper
99	100		
42	10.4	20.5	30.7#
71	25.4	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1318

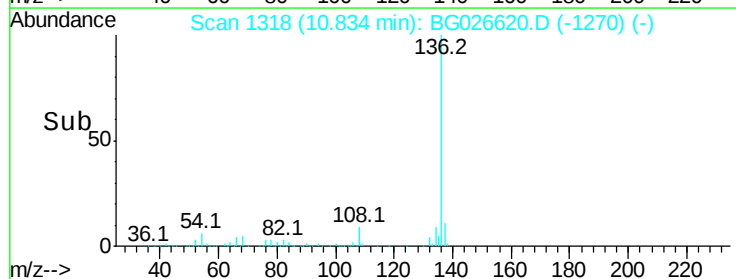
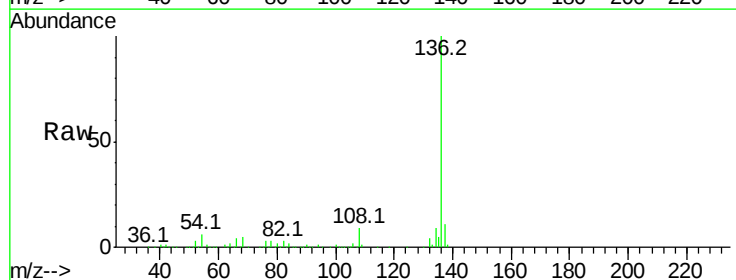
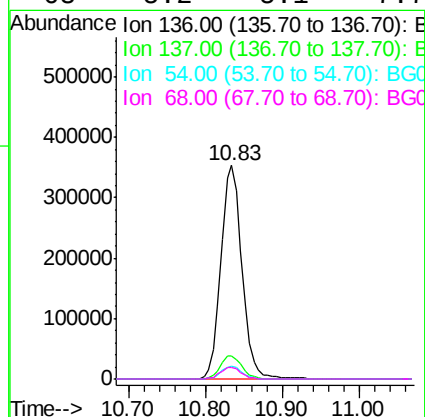
Delta R.T. -0.02 min

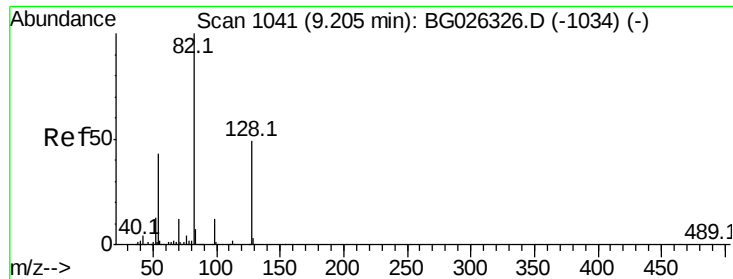
Lab File: BG026620.D

Acq: 11 Apr 2017 17:09

Tgt Ion: 136 Resp: 667163

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.1	9.3	13.9#
68	5.2	5.1	7.7

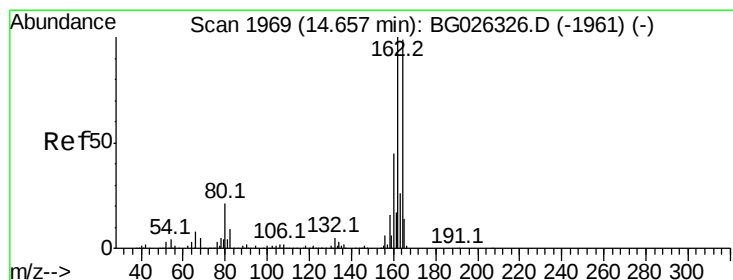
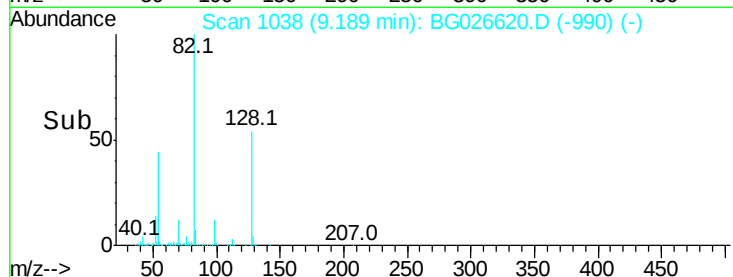
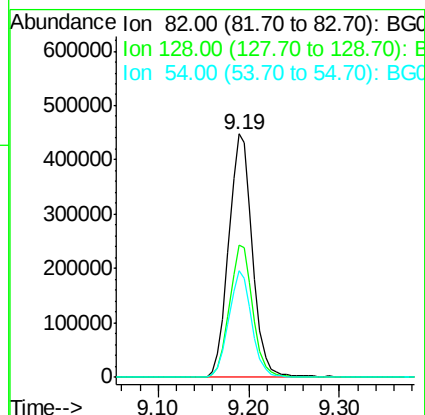
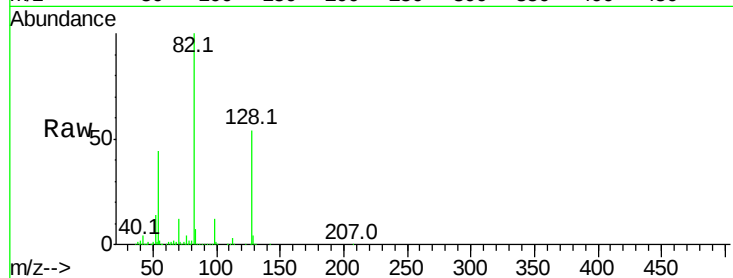




#23
 Nitrobenzene-d5
 Concen: 73.28 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026620.D
 Acq: 11 Apr 2017 17:09

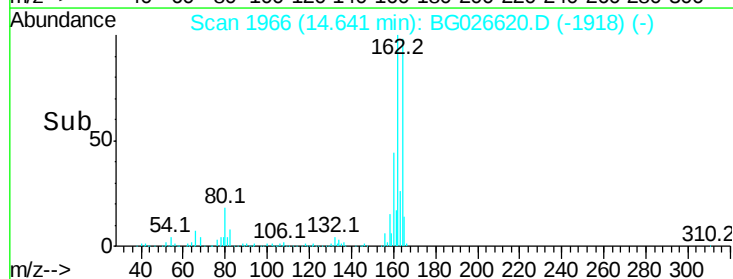
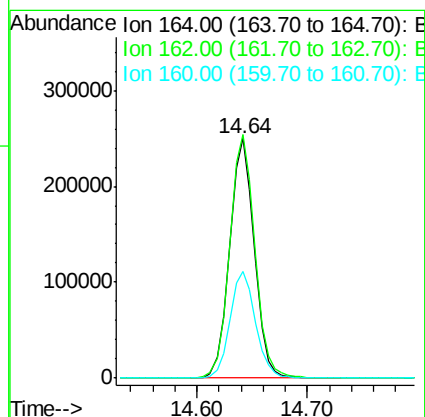
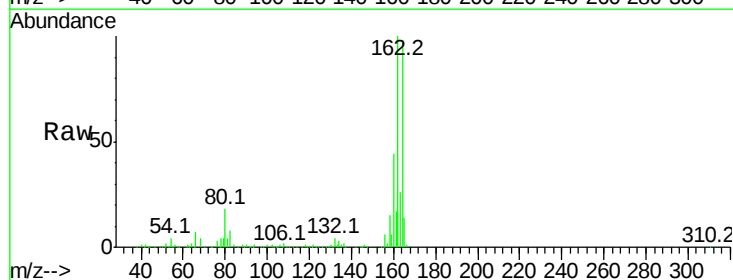
Instrument :
 BNA_G
 ClientSampleID :
 PB98177BL

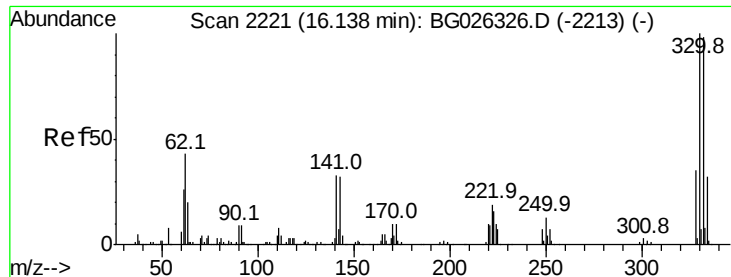
Tot Ion	82	Resp	813064
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
54	43.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026620.D
 Acq: 11 Apr 2017 17:09

Tgt Ion	164	Resp	390650
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>85.1</td> <td></td> <td></td>	85.1		
Upper <td>127.7</td> <td></td> <td></td>	127.7		
162	101.7	34.7	52.1

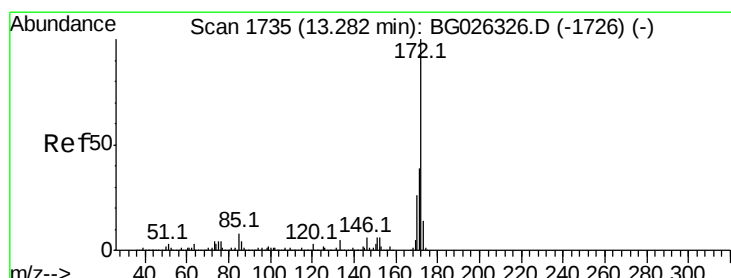
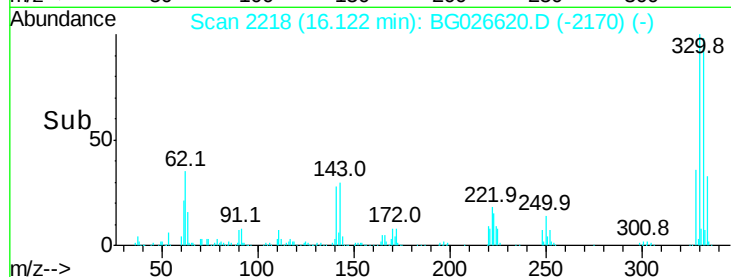
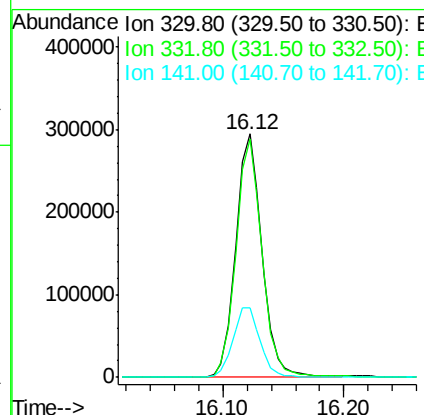
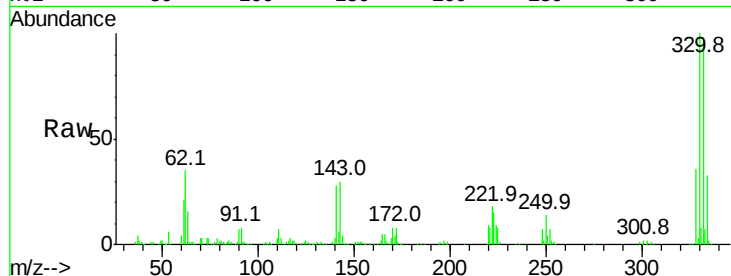




#41
 2,4,6-Tribromophenol
 Concen: 99.80 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026620.D
 Acq: 11 Apr 2017 17:09

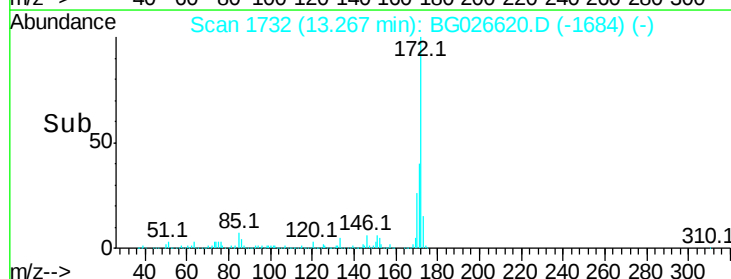
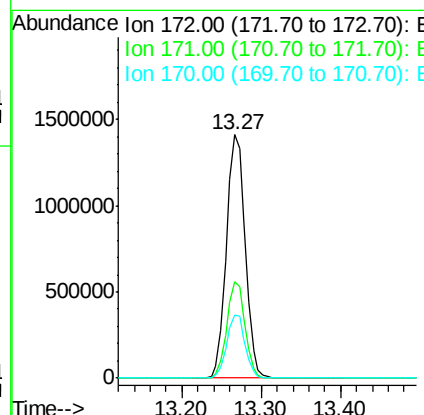
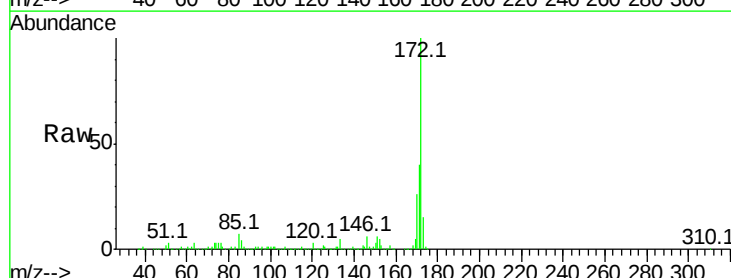
Instrument :
 BNA_G
 ClientSampleId :
 PB98177BL

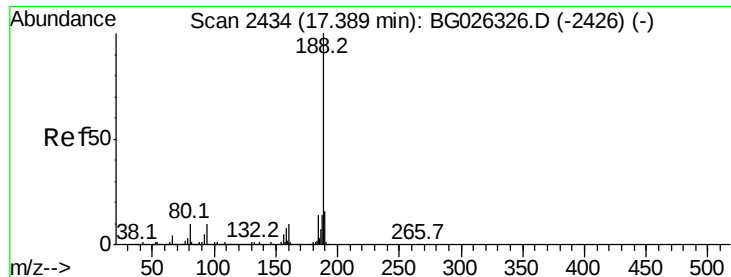
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	29.7	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 83.06 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026620.D
 Acq: 11 Apr 2017 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.2	48.2
170	25.9	21.8	32.6

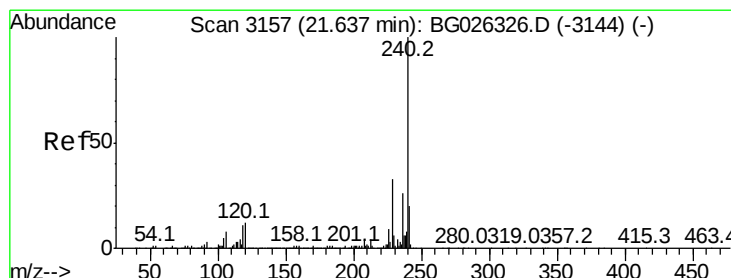
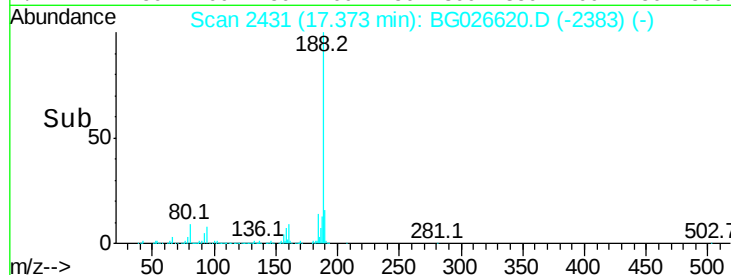
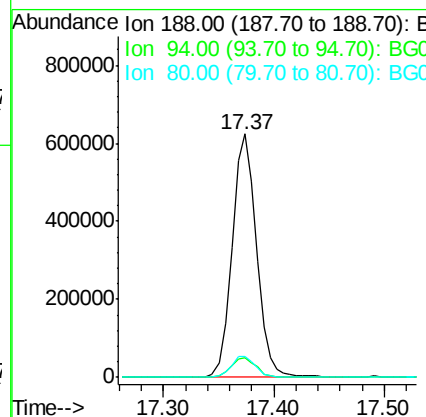
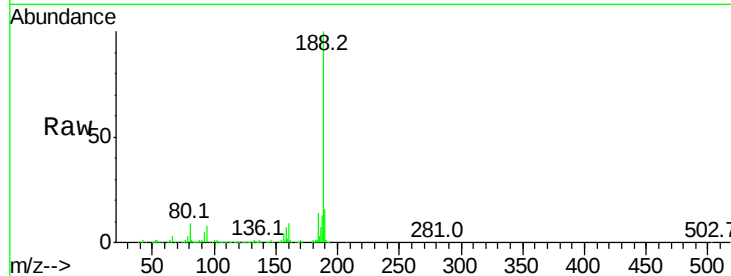




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026620.D
Acq: 11 Apr 2017 17:09

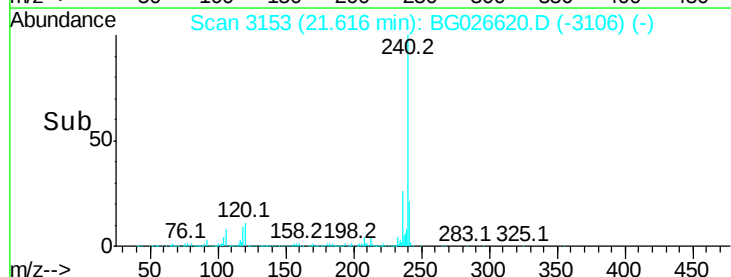
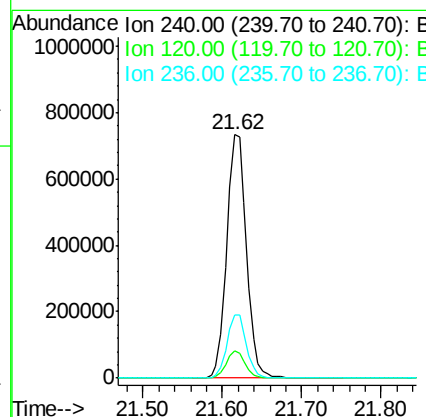
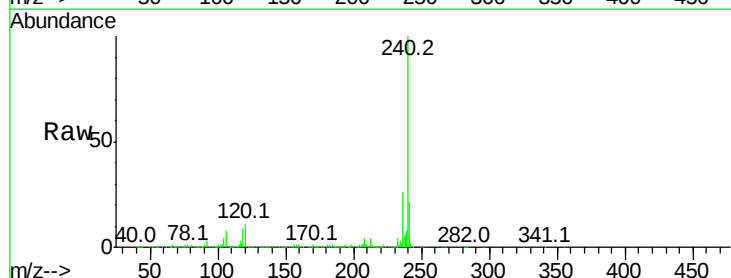
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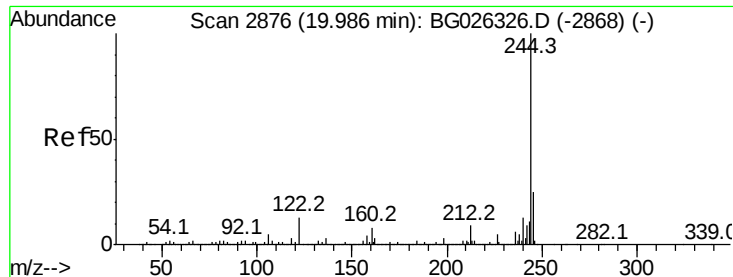
Tot Ion:188 Resp: 966672
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 8.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026620.D
Acq: 11 Apr 2017 17:09

Tgt Ion:240 Resp: 1261408
Ion Ratio Lower Upper
240 100
120 11.2 5.7 8.5#
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 68.70 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026620.D

Acq: 11 Apr 2017 17:09

Instrument :

BNA_G

ClientSampleId :

PB98177BL

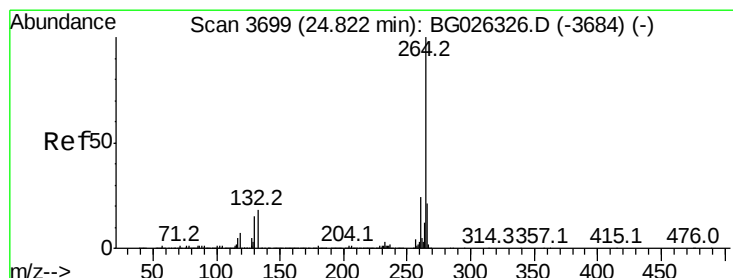
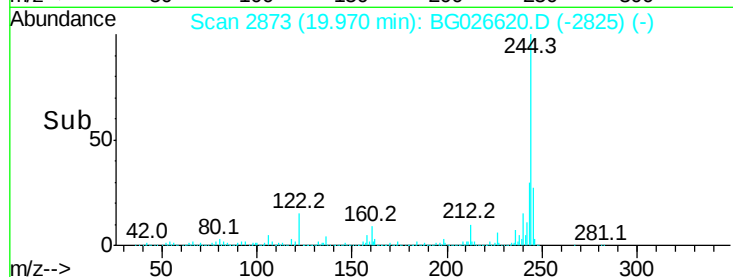
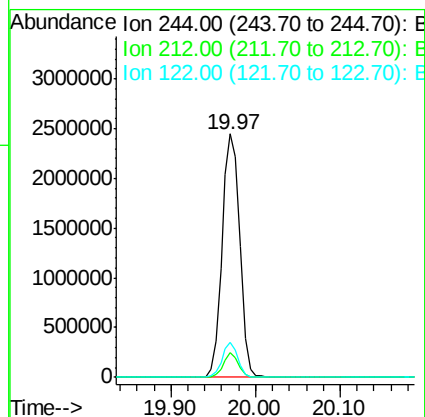
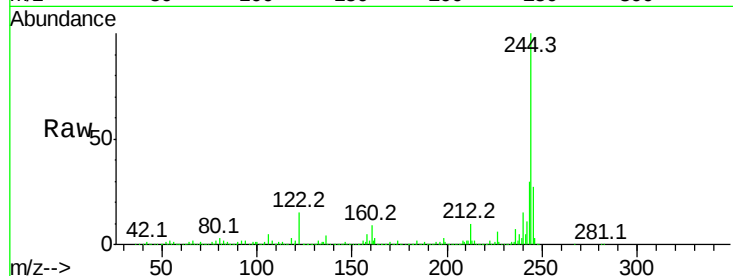
Tot Ion:244 Resp: 3568253

Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.0	15.0
122	14.6	8.6	12.8

244 100

212 10.0 10.0 15.0

122 14.6 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BG026620.D

Acq: 11 Apr 2017 17:09

Tgt Ion:264 Resp: 1192057

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	21.4	18.2	27.4

264 100

260 24.5 21.8 32.8

265 21.4 18.2 27.4

