

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026341.D
 Acq On : 21 Mar 2017 00:21
 Operator : SJ/MA
 Sample : PB97674BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BL

Quant Time: Mar 21 01:15:51 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	8.04	152	124783	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	521813	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	294883	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	723633	20.00	ng	0.00
75) Chrysene-d12	21.63	240	935857	20.00	ng	0.00
86) Perylene-d12	24.81	264	881884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1081389	153.82	ng	0.00
7) Phenol-d6	7.21	99	1418554	150.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	758104	87.36	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	538677	159.52	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1962769	93.34	ng	0.00
78) Terphenyl-d14	19.98	244	2969456	77.06	ng	0.00

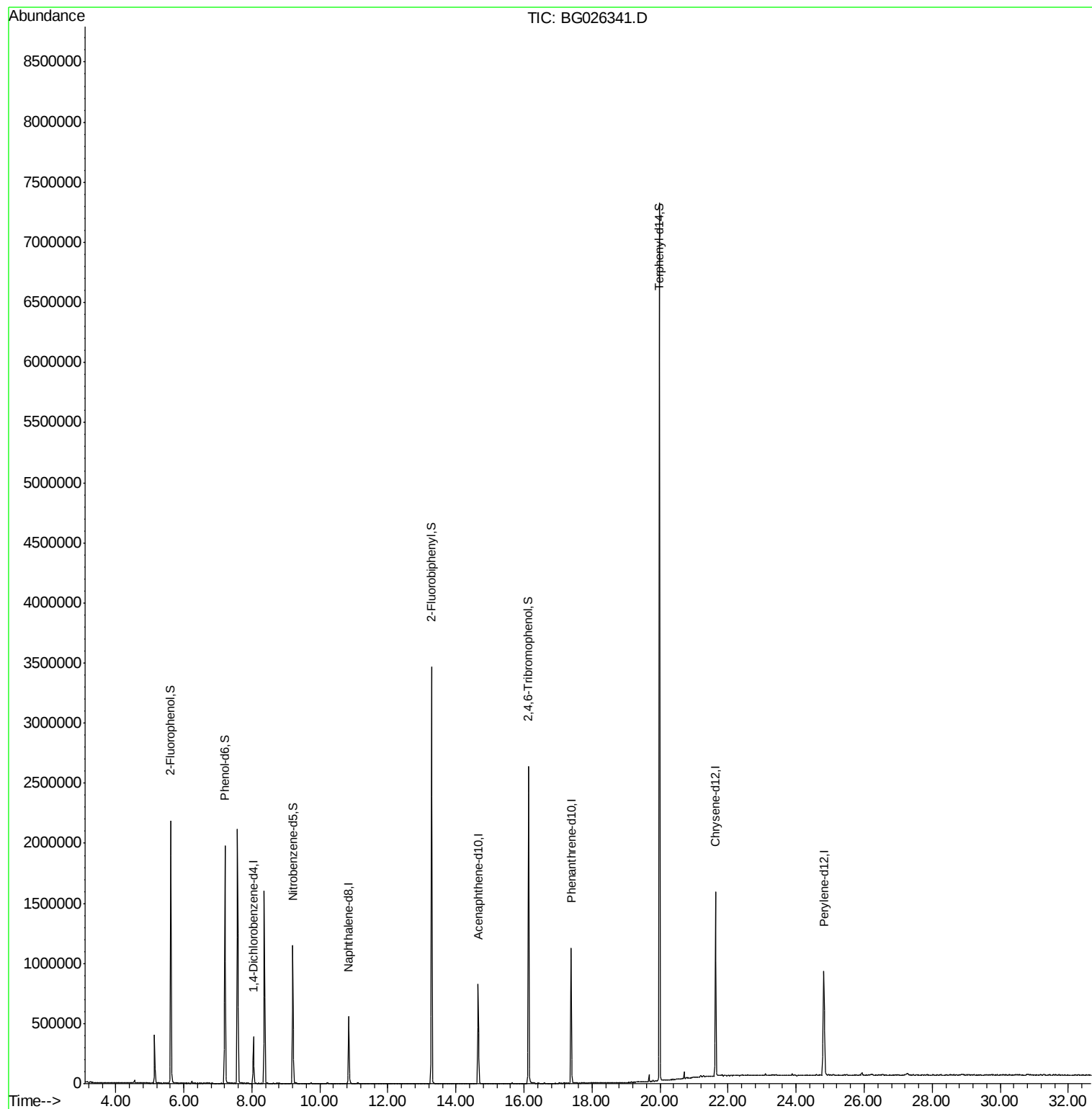
Target Compounds Qvalue

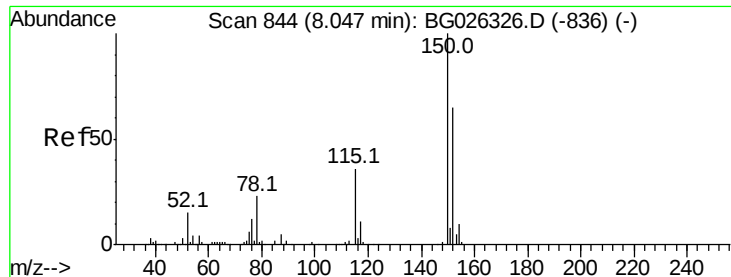
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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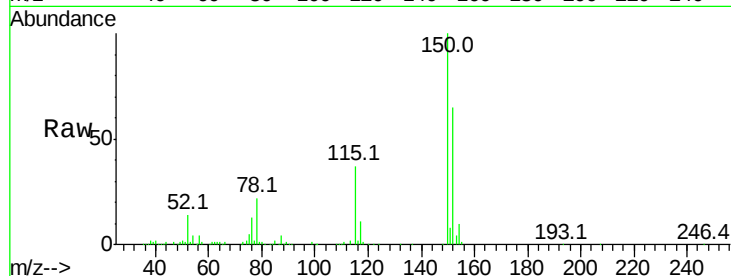


#1

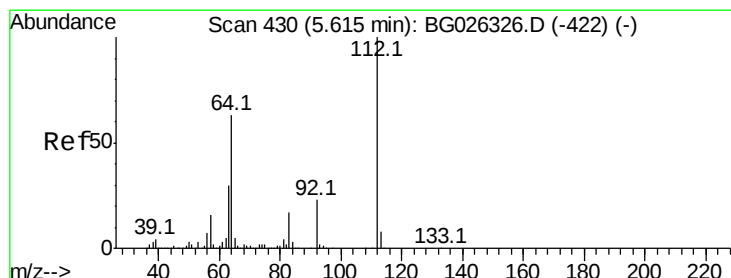
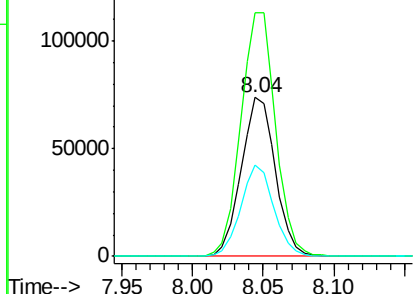
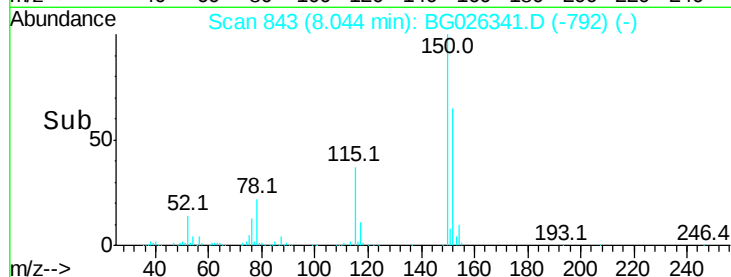
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026341.D
Acq: 21 Mar 2017 00:21

Instrument :
BNA_G
ClientSampleId :
PB97674BL

Tot Ion:152 Resp: 124783
Ion Ratio Lower Upper
152 100
150 153.3 114.0 171.0
115 57.4 48.1 72.1



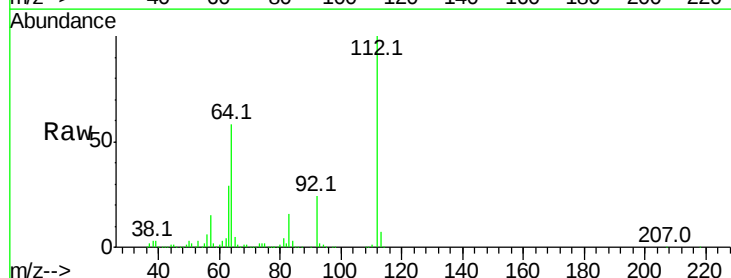
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



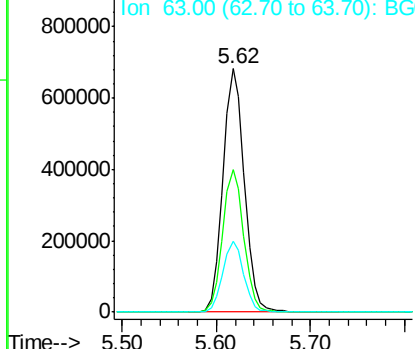
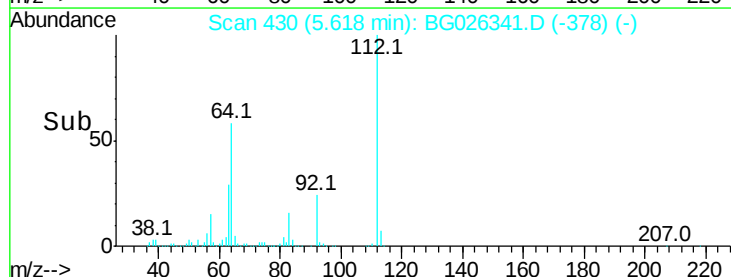
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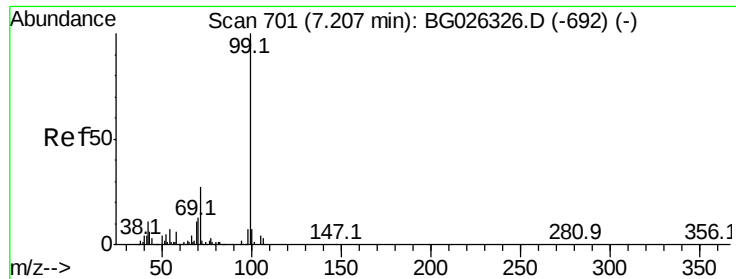
2-Fluorophenol
Concen: 153.82 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026341.D
Acq: 21 Mar 2017 00:21

Tgt Ion:112 Resp: 1081389
Ion Ratio Lower Upper
112 100
64 58.4 61.8 92.6#
63 28.9 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: 150.29 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026341.D

Acq: 21 Mar 2017 00:21

Instrument :

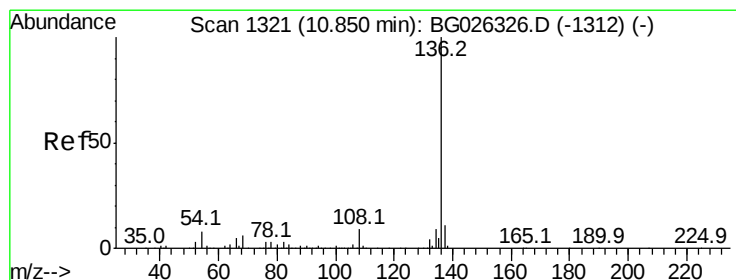
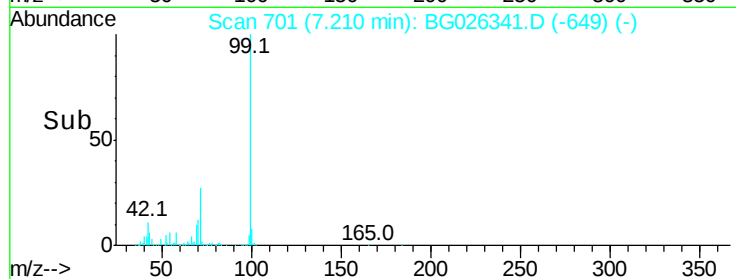
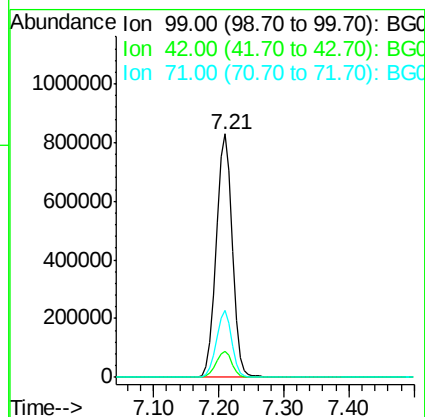
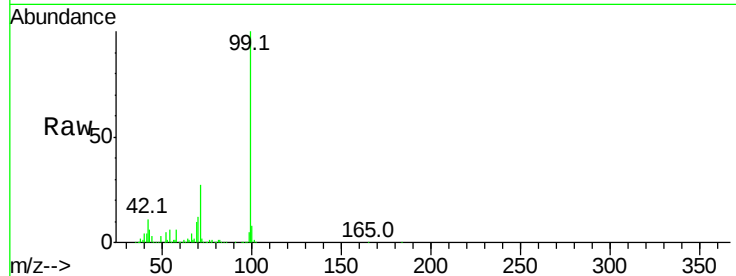
BNA_G

ClientSampleId :

PB97674BL

Tot Ion: 99 Resp: 1418554

Ion	Ratio	Lower	Upper
99	100		
42	10.8	20.5	30.7#
71	27.3	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.85 min Scan# 1320

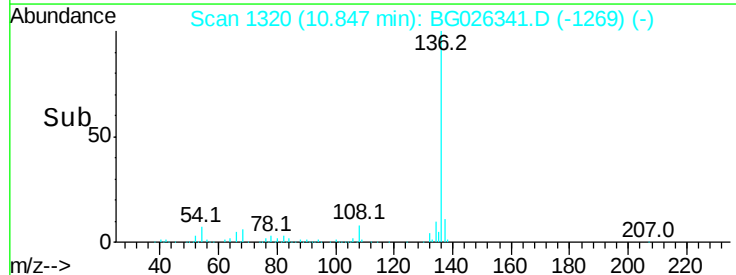
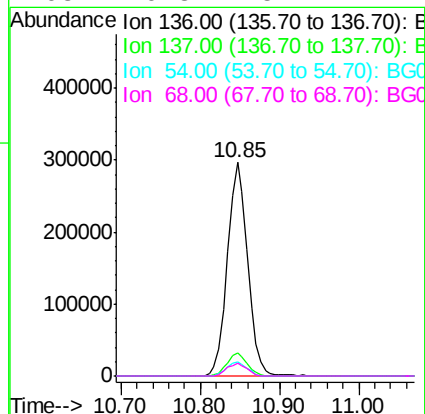
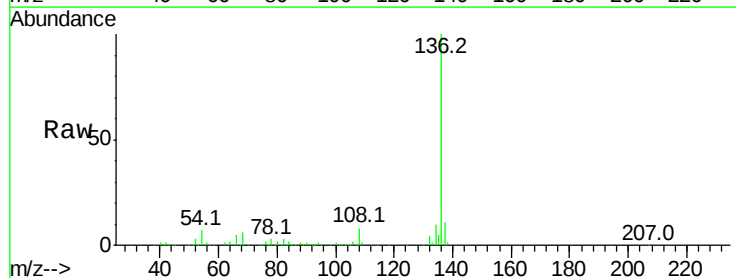
Delta R.T. -0.00 min

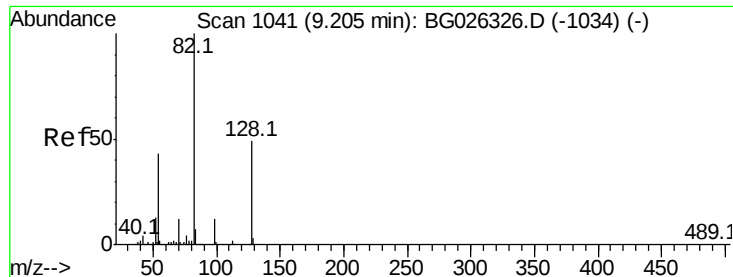
Lab File: BG026341.D

Acq: 21 Mar 2017 00:21

Tgt Ion: 136 Resp: 521813

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	9.3	13.9#
68	6.3	5.1	7.7

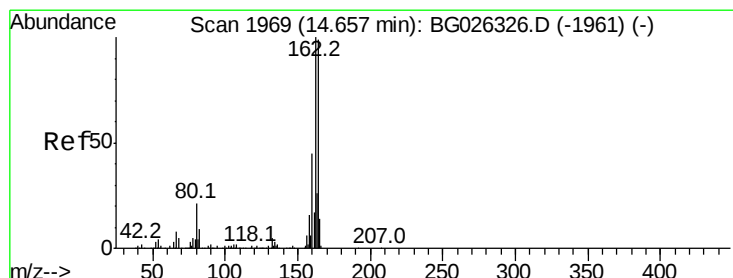
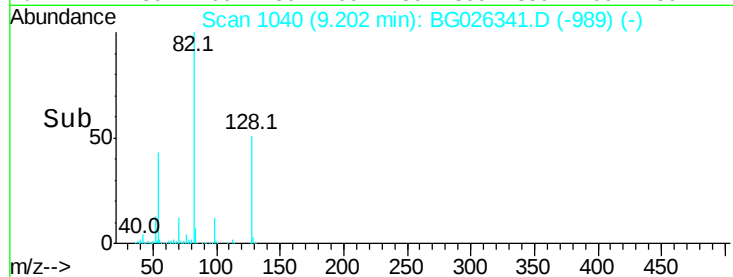
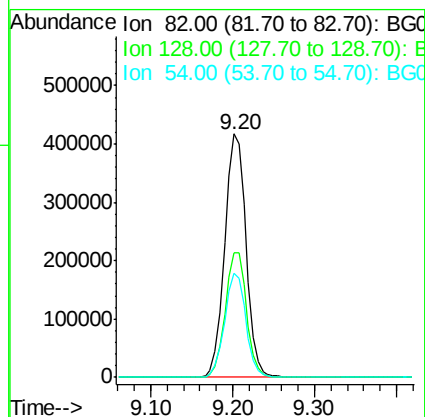
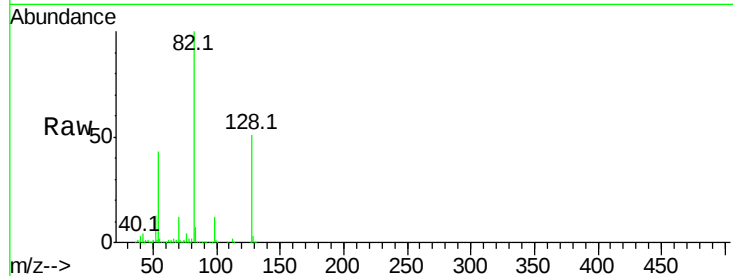




#23
 Nitrobenzene-d5
 Concen: 87.36 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026341.D
 Acq: 21 Mar 2017 00:21

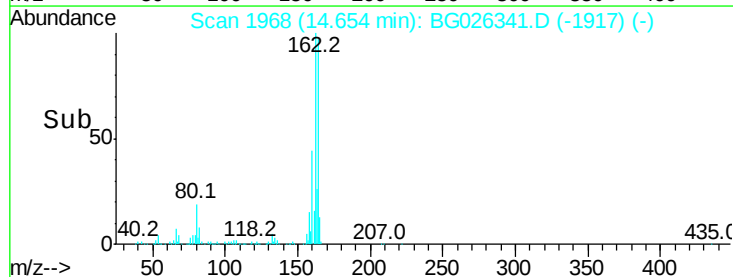
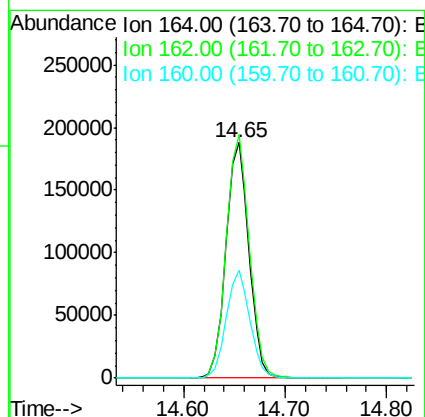
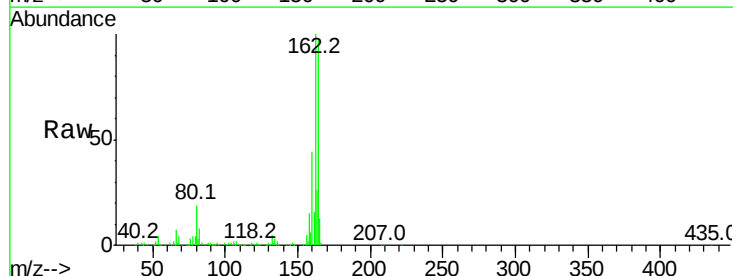
Instrument :
 BNA_G
 ClientSampled :
 PB97674BL

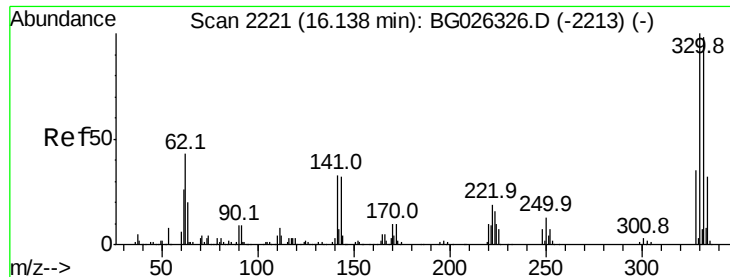
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.1	26.4	39.6#
54	43.0	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG026341.D
 Acq: 21 Mar 2017 00:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.1	127.7
160	45.6	34.7	52.1

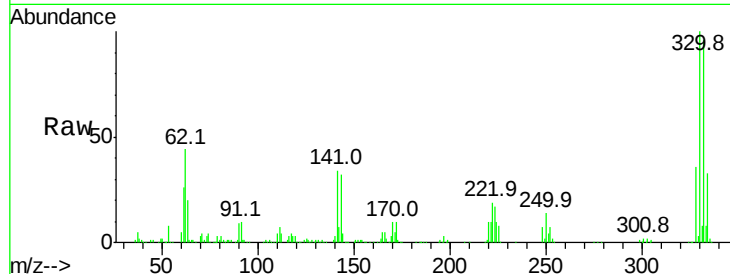




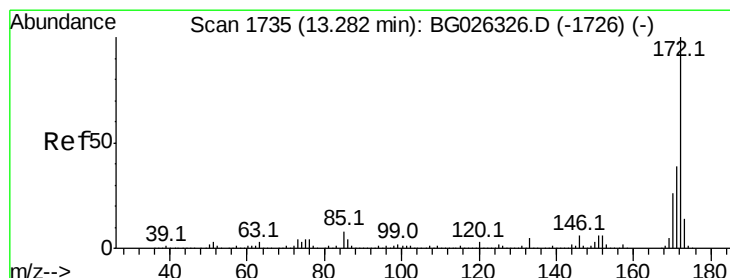
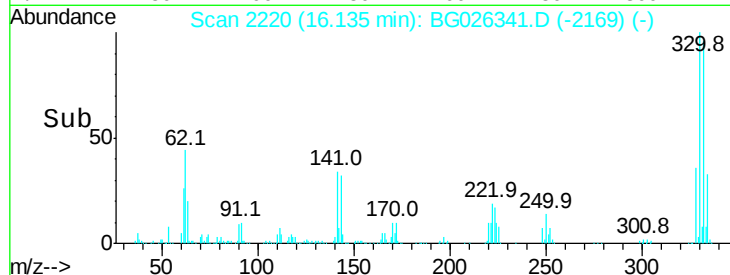
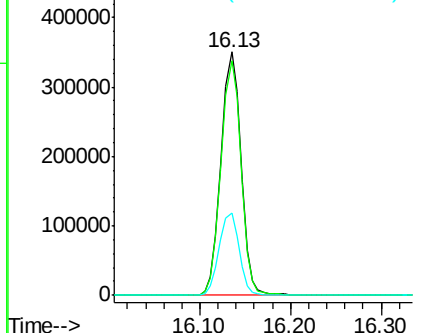
#41
 2,4,6-Tribromophenol
 Concen: 159.52 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026341.D
 Acq: 21 Mar 2017 00:21

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	34.0	32.1	48.1

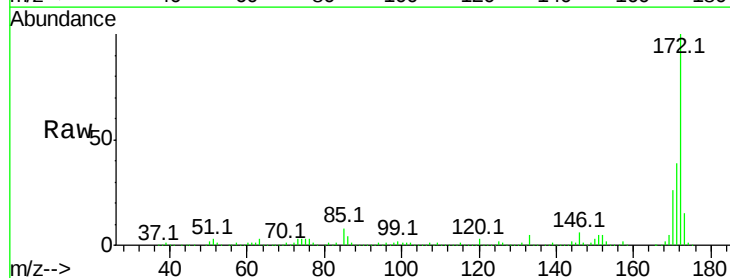


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

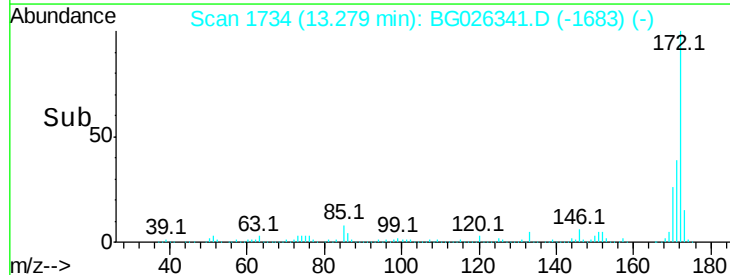
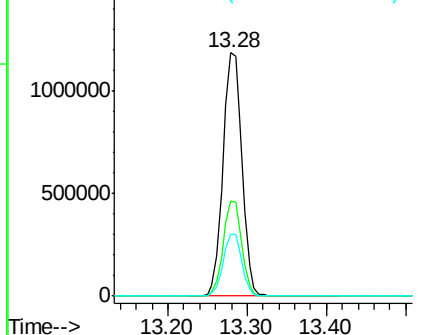


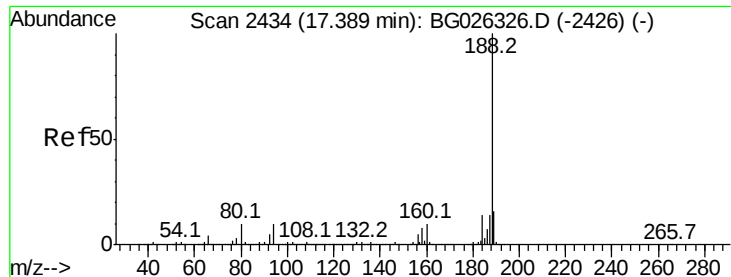
#44
 2-Fluorobiphenyl
 Concen: 93.34 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026341.D
 Acq: 21 Mar 2017 00:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.2	48.2
170	25.6	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

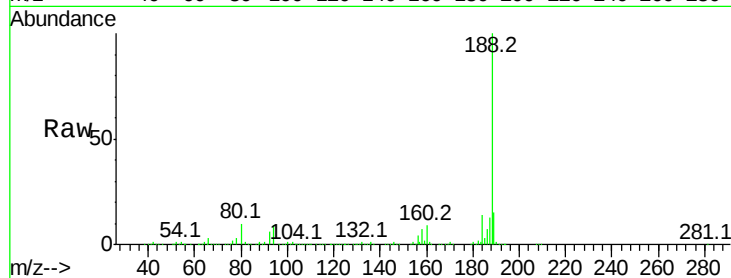




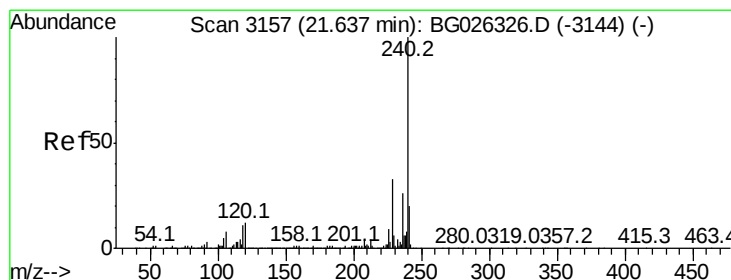
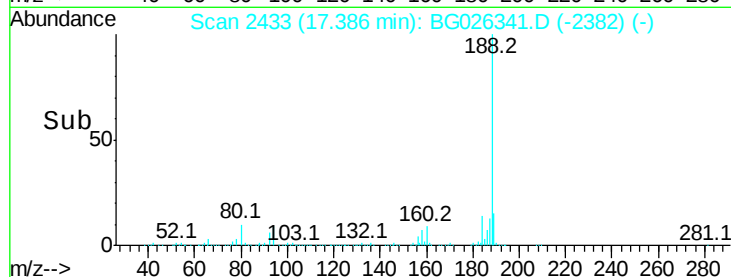
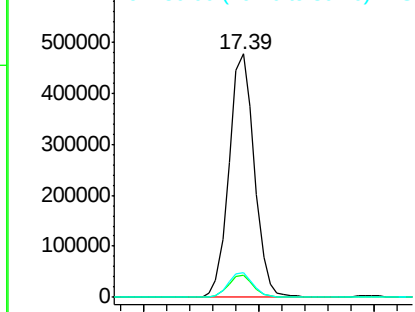
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG026341.D
Acq: 21 Mar 2017 00:21

Instrument :
BNA_G
ClientSampleId :
PB97674BL

Tot Ion:188 Resp: 723633
Ion Ratio Lower Upper
188 100
94 8.9 5.8 8.8#
80 10.1 7.5 11.3

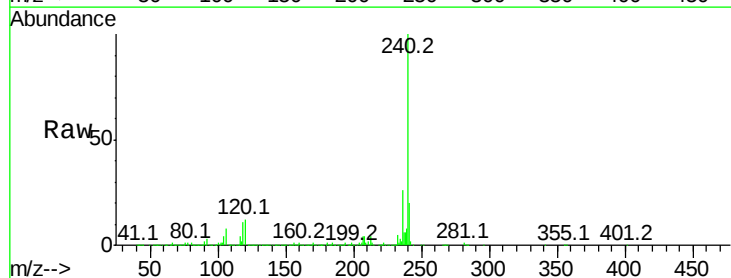


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

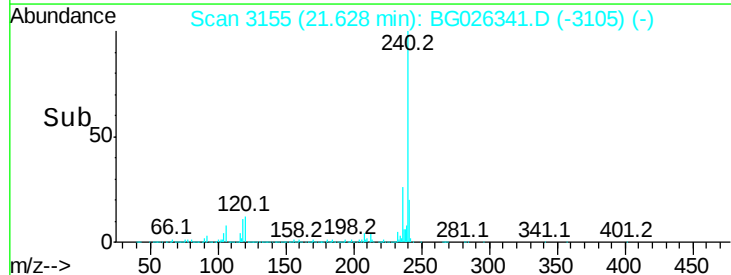
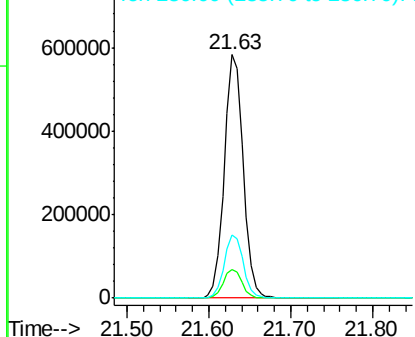


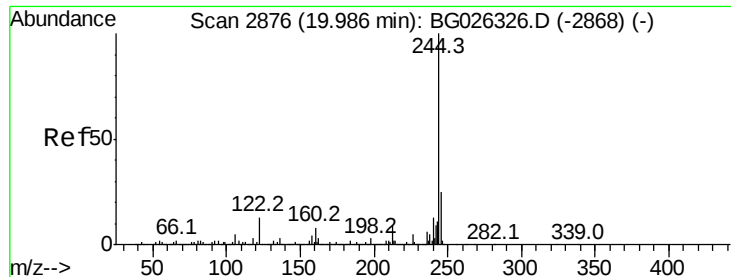
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026341.D
Acq: 21 Mar 2017 00:21

Tgt Ion:240 Resp: 935857
Ion Ratio Lower Upper
240 100
120 11.6 5.7 8.5#
236 25.8 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: 77.06 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026341.D

Acq: 21 Mar 2017 00:21

Instrument :

BNA_G

ClientSampleId :

PB97674BL

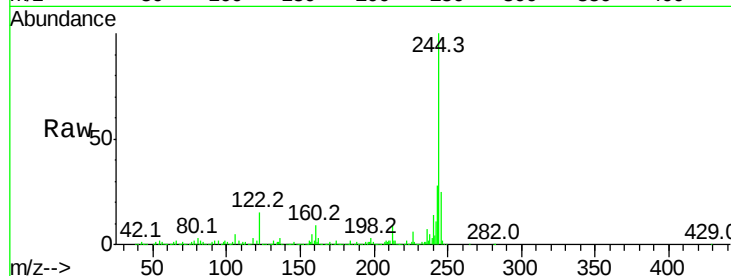
Tot Ion:244 Resp: 2969456

Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	14.8	8.6	12.8#

244 100

212 9.3 10.0 15.0#

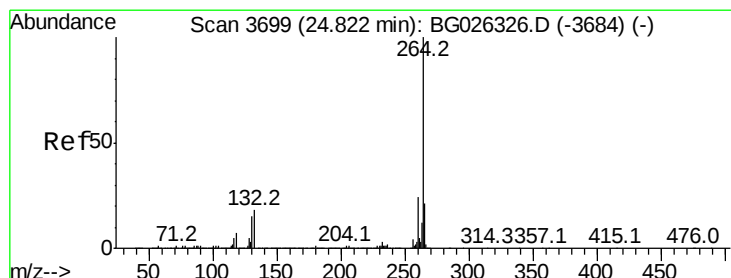
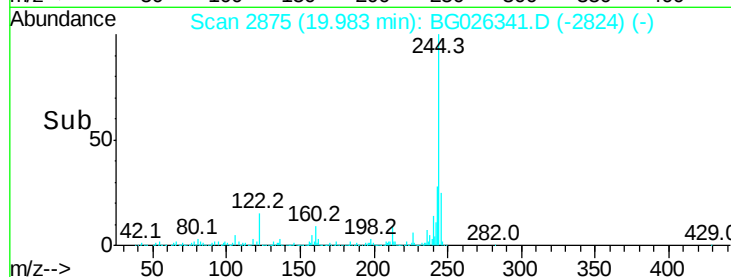
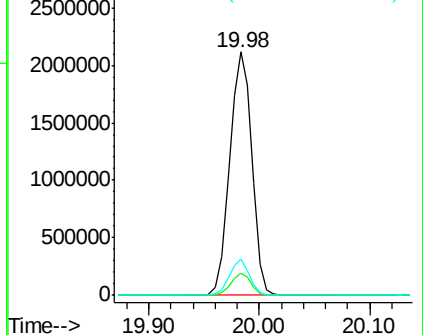
122 14.8 8.6 12.8#



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: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026341.D

Acq: 21 Mar 2017 00:21

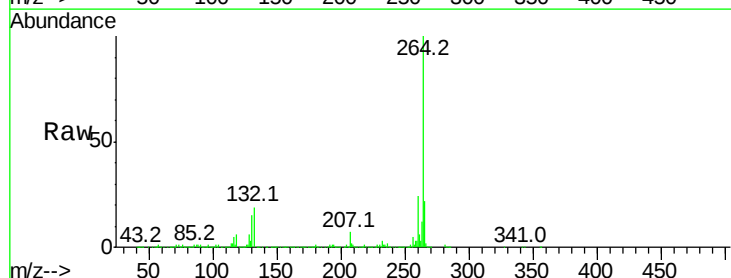
Tgt Ion:264 Resp: 881884

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.9	18.2	27.4

264 100

260 24.2 21.8 32.8

265 21.9 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

