

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026381.D
 Acq On : 22 Mar 2017 18:40
 Operator : SJ/MA
 Sample : PB97741BL
 Misc : L00 20 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 01:13:33 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	131435	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	552916	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	325637	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	801010	20.00	ng	0.00
75) Chrysene-d12	21.63	240	960364	20.00	ng	0.00
86) Perylene-d12	24.81	264	910649	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1080029	145.85	ng	0.00
7) Phenol-d6	7.20	99	1408167	141.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	746408	81.17	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	587436	157.53	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2072486	89.25	ng	0.00
78) Terphenyl-d14	19.98	244	3016409	76.28	ng	0.00

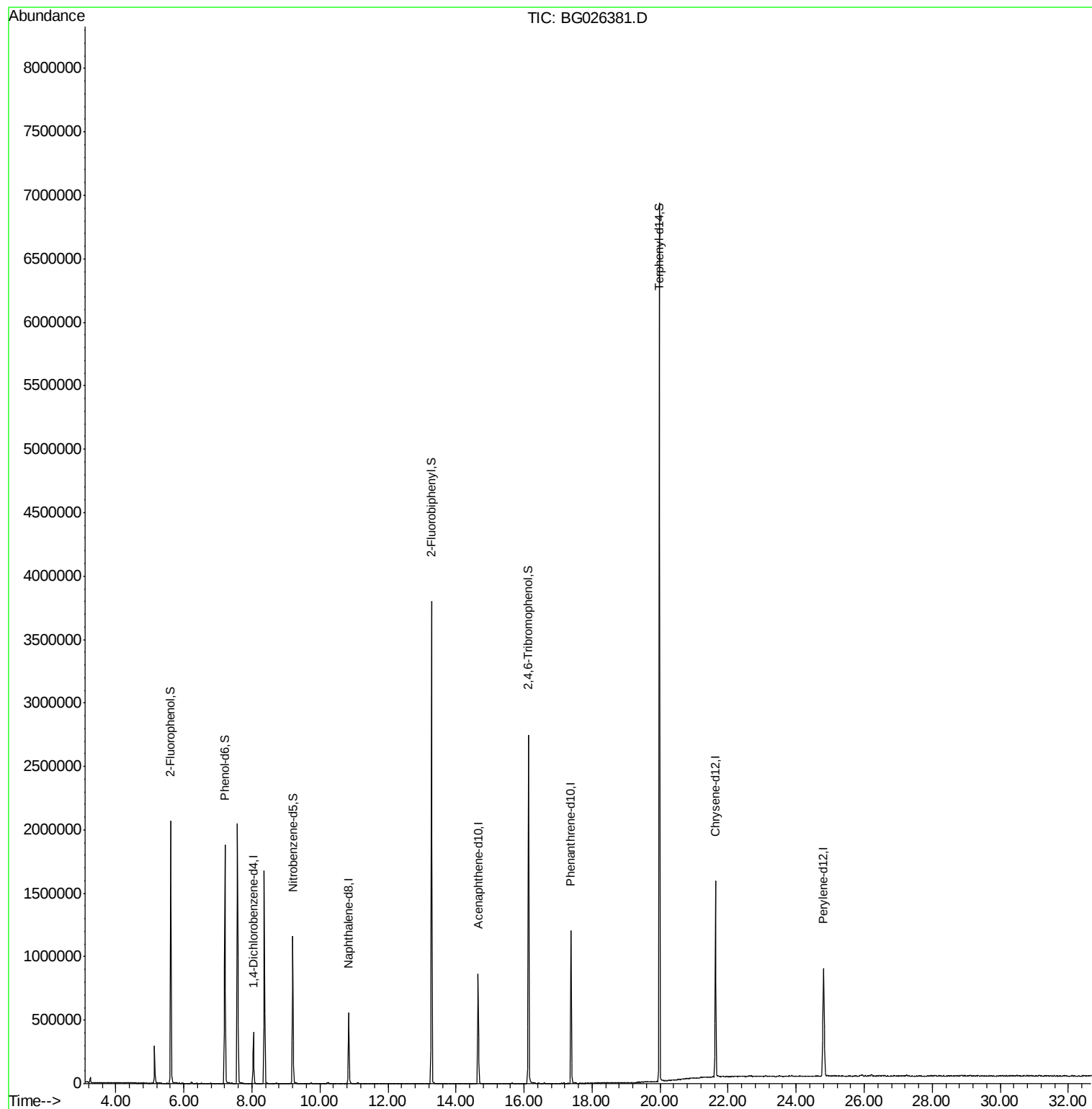
Target Compounds Qvalue

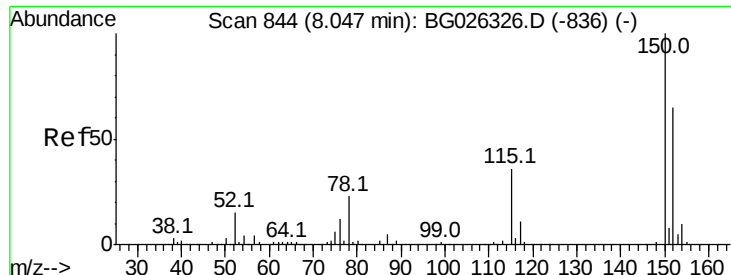
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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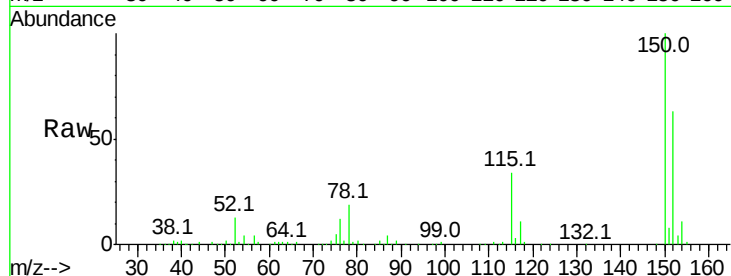


#1

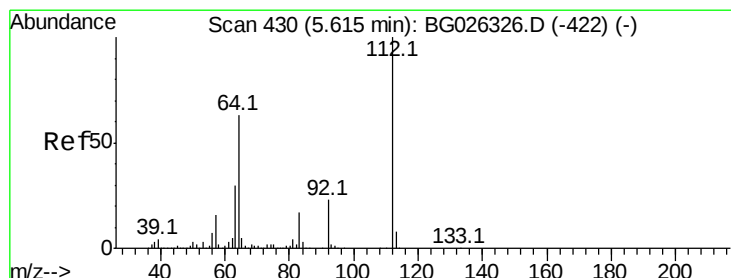
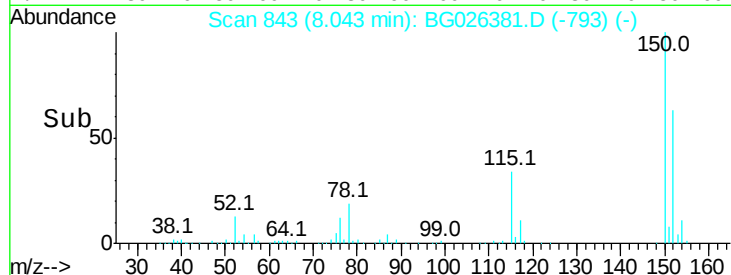
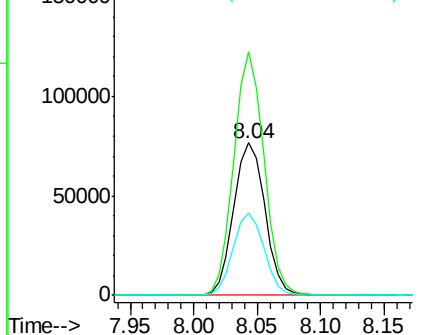
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026381.D
Acq: 22 Mar 2017 18:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 131435
Ion Ratio Lower Upper
152 100
150 159.8 114.0 171.0
115 54.3 48.1 72.1



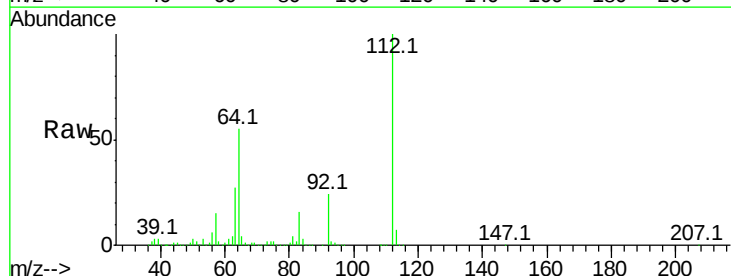
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



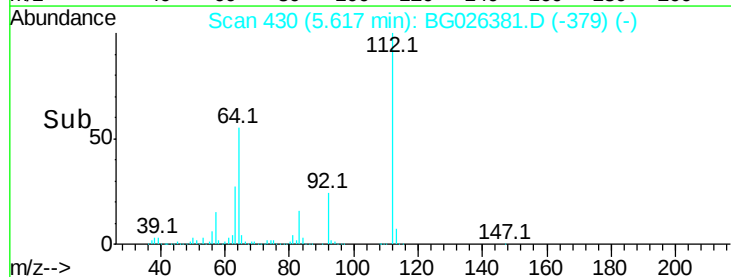
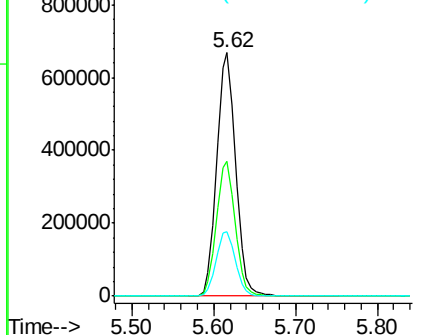
#5

2-Fluorophenol
Concen: 145.85 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026381.D
Acq: 22 Mar 2017 18:40

Tgt Ion:112 Resp: 1080029
Ion Ratio Lower Upper
112 100
64 55.2 61.8 92.6#
63 26.5 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: 141.64 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

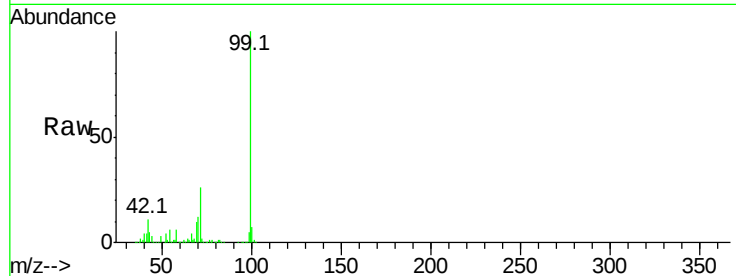
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1408167

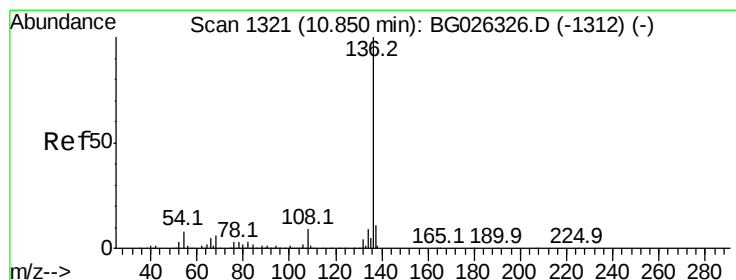
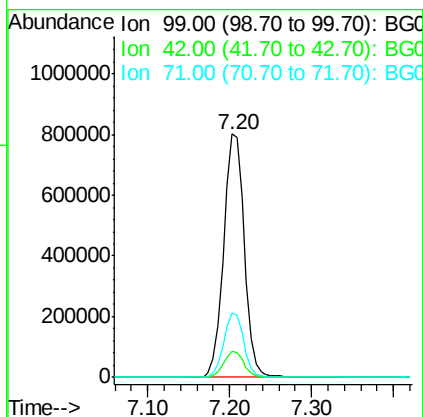
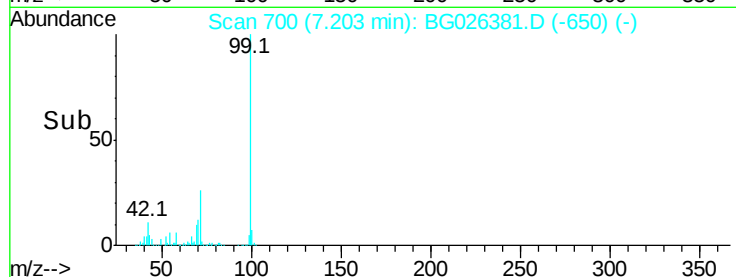
Ion	Ratio	Lower	Upper
99	100		
42	10.7	20.5	30.7#
71	26.4	37.6	56.4#



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: 10.85 min Scan# 1320

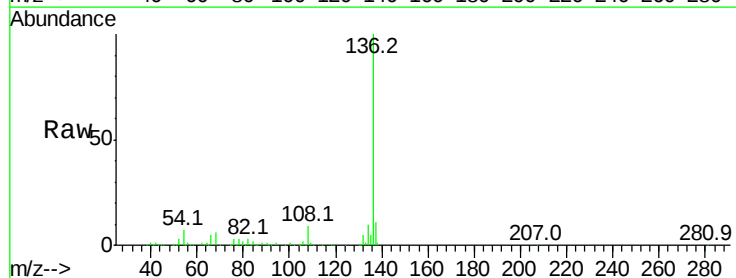
Delta R.T. -0.00 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

Tgt Ion:136 Resp: 552916

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	9.3	13.9#
68	6.3	5.1	7.7

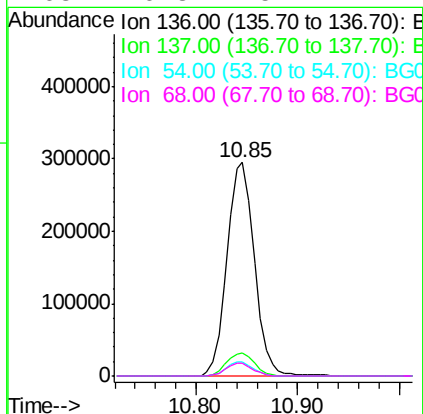
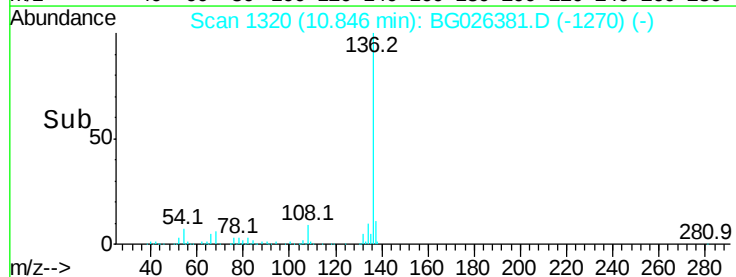


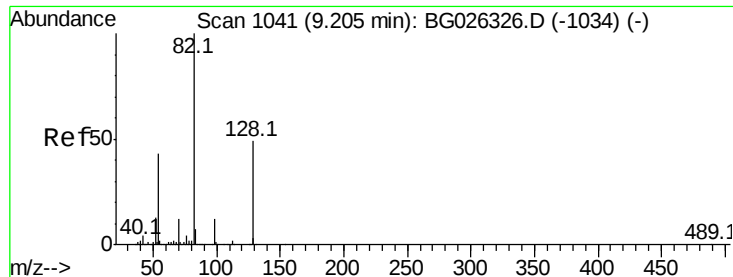
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

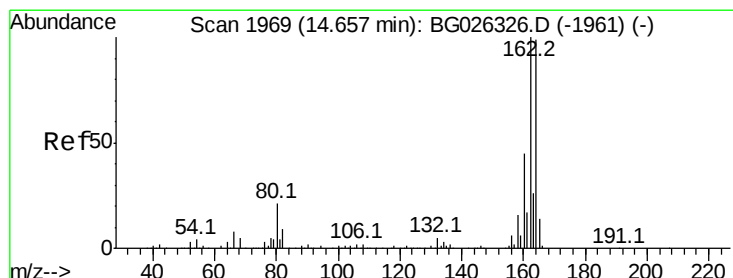
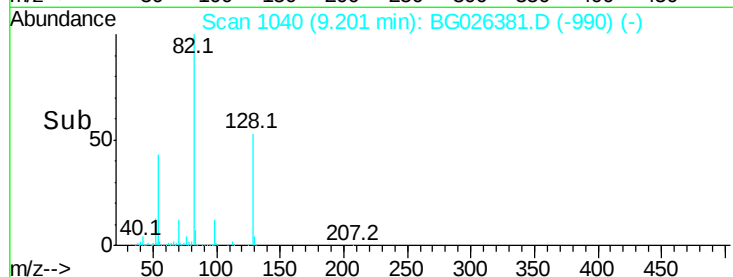
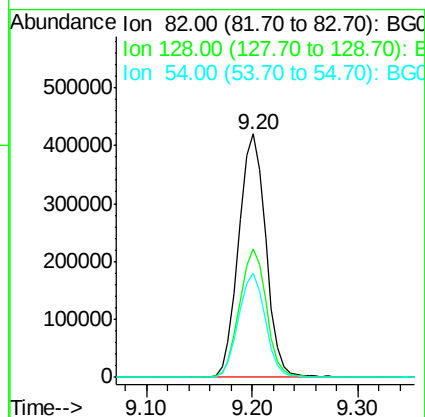
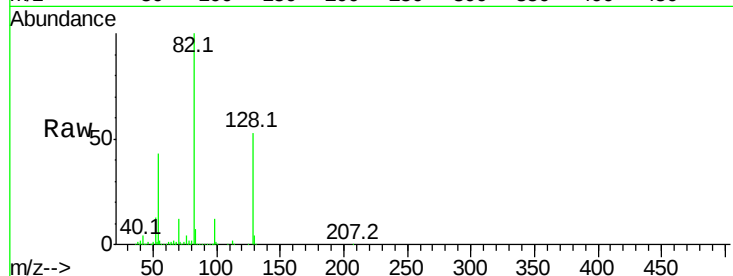




#23
Nitrobenzene-d5
Concen: 81.17 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG026381.D
Acq: 22 Mar 2017 18:40

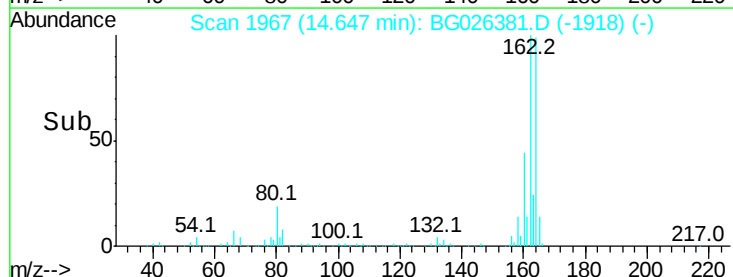
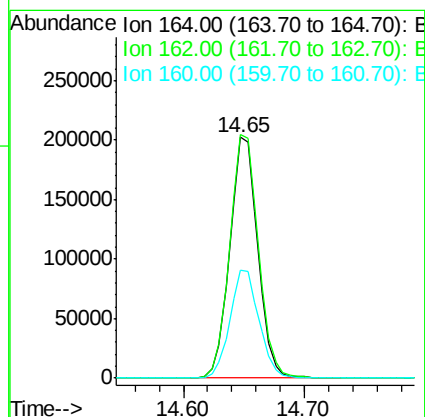
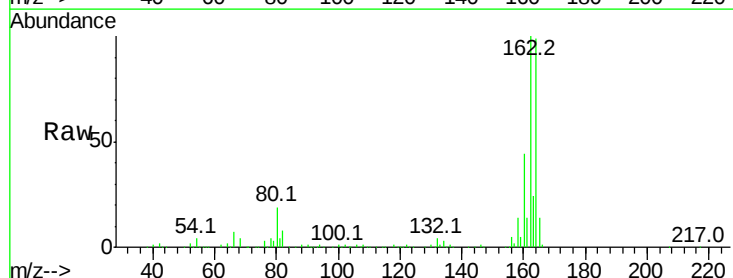
Instrument :
BNA_G
ClientSampled :

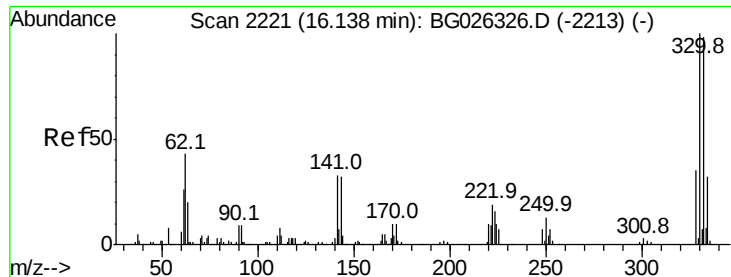
Tot Ion: 82 Resp: 746408
Ion Ratio Lower Upper
82 100
128 52.5 26.4 39.6#
54 42.6 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026381.D
Acq: 22 Mar 2017 18:40

Tgt Ion:164 Resp: 325637
Ion Ratio Lower Upper
164 100
162 101.1 85.1 127.7
160 44.7 34.7 52.1

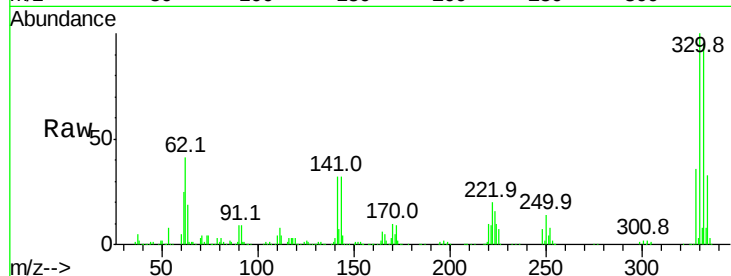




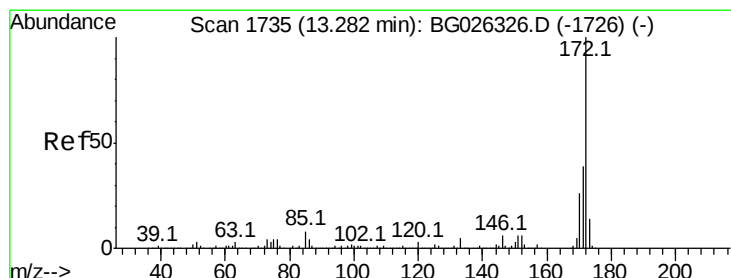
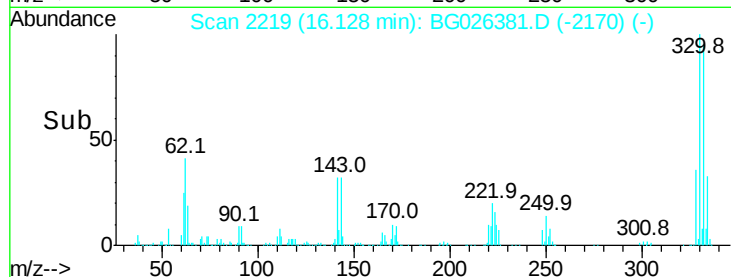
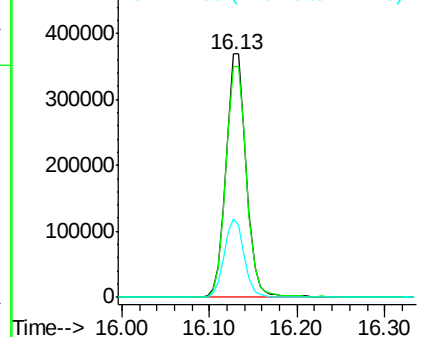
#41
 2,4,6-Tribromophenol
 Concen: 157.53 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026381.D
 Acq: 22 Mar 2017 18:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.1	32.1	48.1

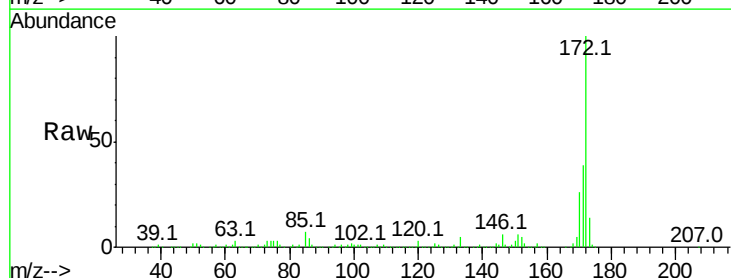


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

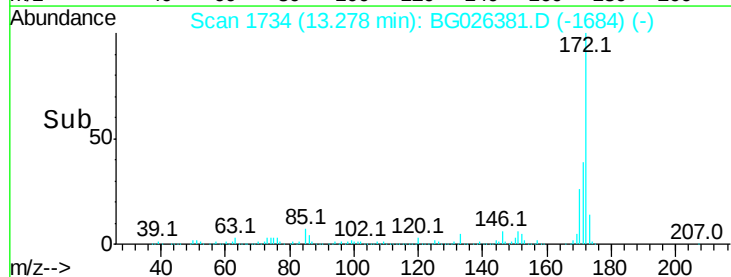
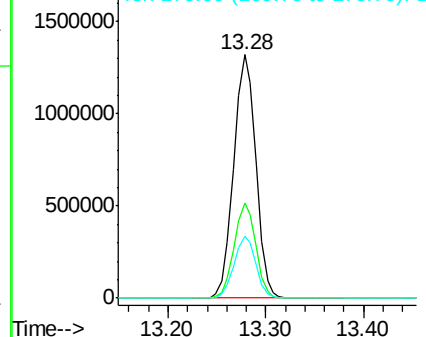


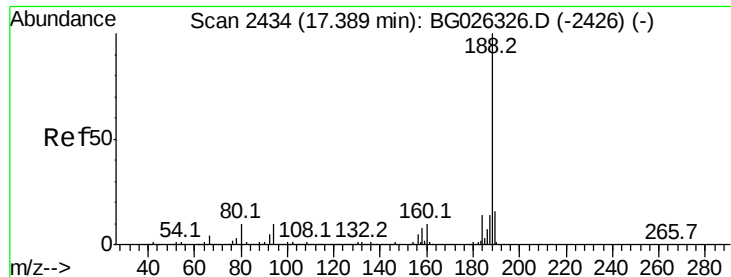
#44
 2-Fluorobiphenyl
 Concen: 89.25 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026381.D
 Acq: 22 Mar 2017 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	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: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

Instrument :

BNA_G

ClientSampleId :

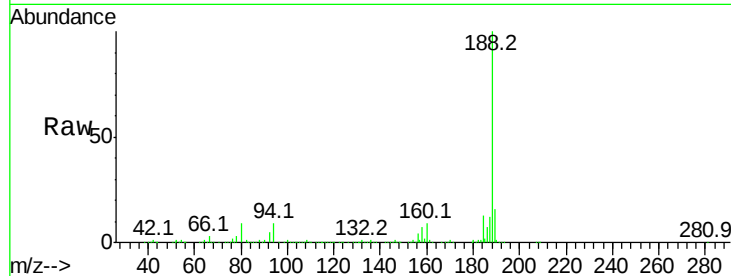
Tot Ion:188 Resp: 801010

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

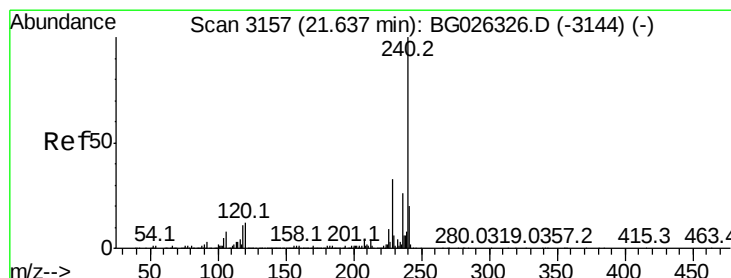
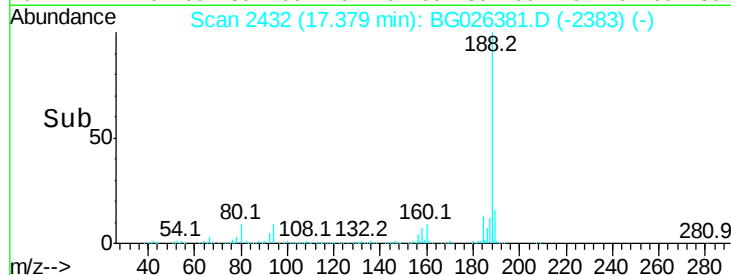
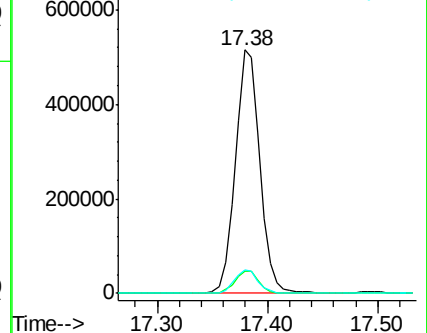
80 9.4 7.5 11.3



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: BG026381.D

Acq: 22 Mar 2017 18:40

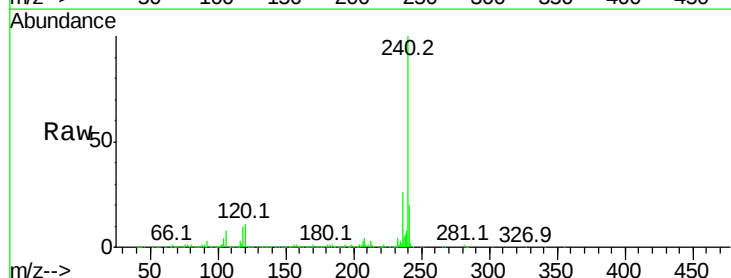
Tgt Ion:240 Resp: 960364

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

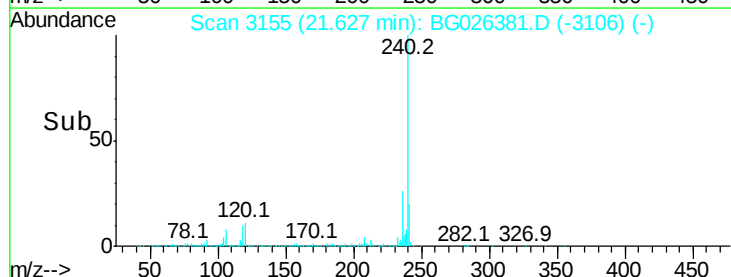
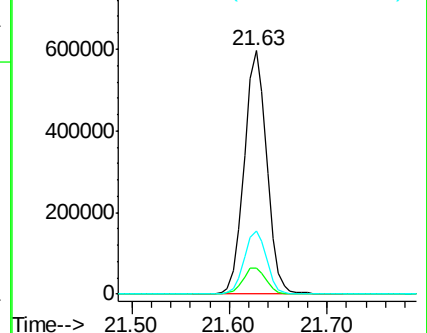
236 26.1 22.2 33.4

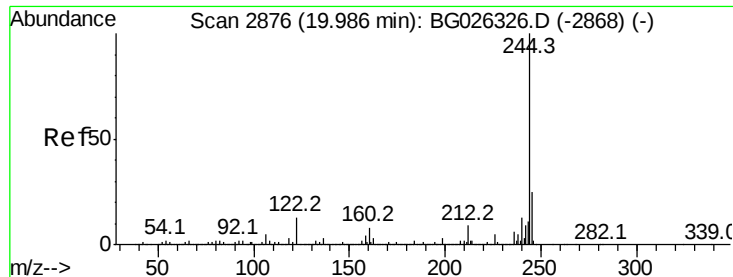


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.28 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

Instrument :

BNA_G

ClientSampled :

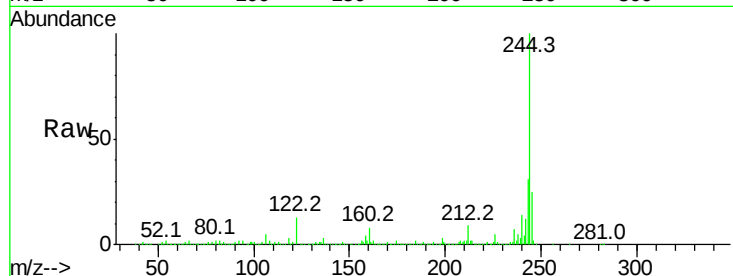
Tot Ion:244 Resp: 3016409

Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	13.2	8.6	12.8#

244 100

212 9.3 10.0 15.0#

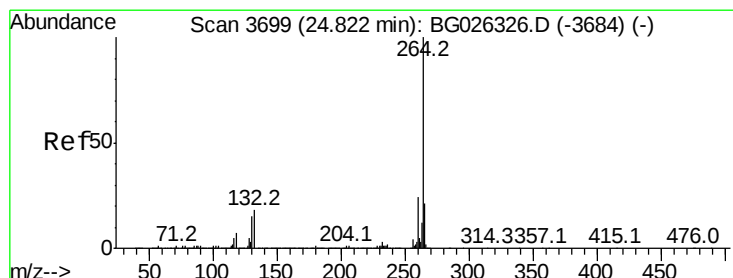
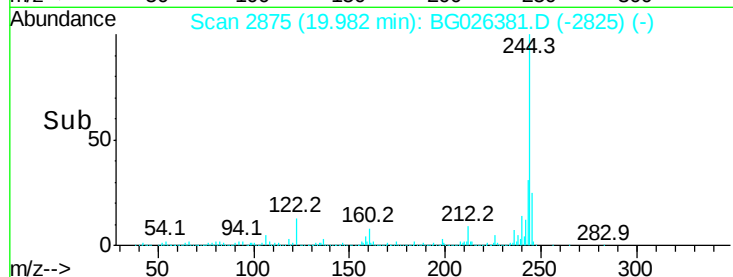
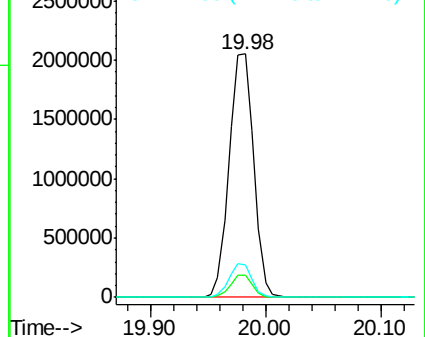
122 13.2 8.6 12.8#



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# 3696

Delta R.T. -0.02 min

Lab File: BG026381.D

Acq: 22 Mar 2017 18:40

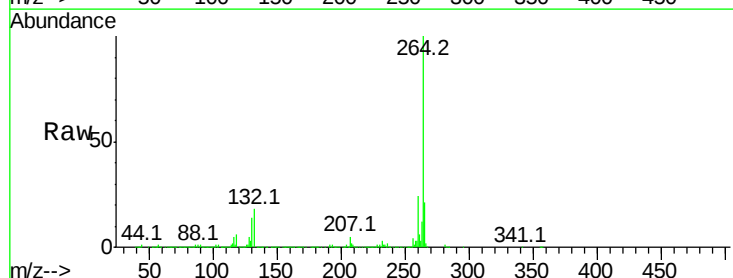
Tgt Ion:264 Resp: 910649

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	21.2	18.2	27.4

264 100

260 24.0 21.8 32.8

265 21.2 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

