

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026583.D
 Acq On : 7 Apr 2017 2:19
 Operator : SJ/MA
 Sample : I2572-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15-41

Quant Time: Apr 07 03:16:23 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	155787	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	607484	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	352466	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	892053	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1086353	20.00	ng	-0.01
86) Perylene-d12	24.81	264	1020975	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1180275	134.47	ng	0.00
7) Phenol-d6	7.21	99	1399822	118.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	867792	85.89	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	691529	171.33	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2321909	92.38	ng	0.00
78) Terphenyl-d14	19.98	244	3488472	77.99	ng	0.00

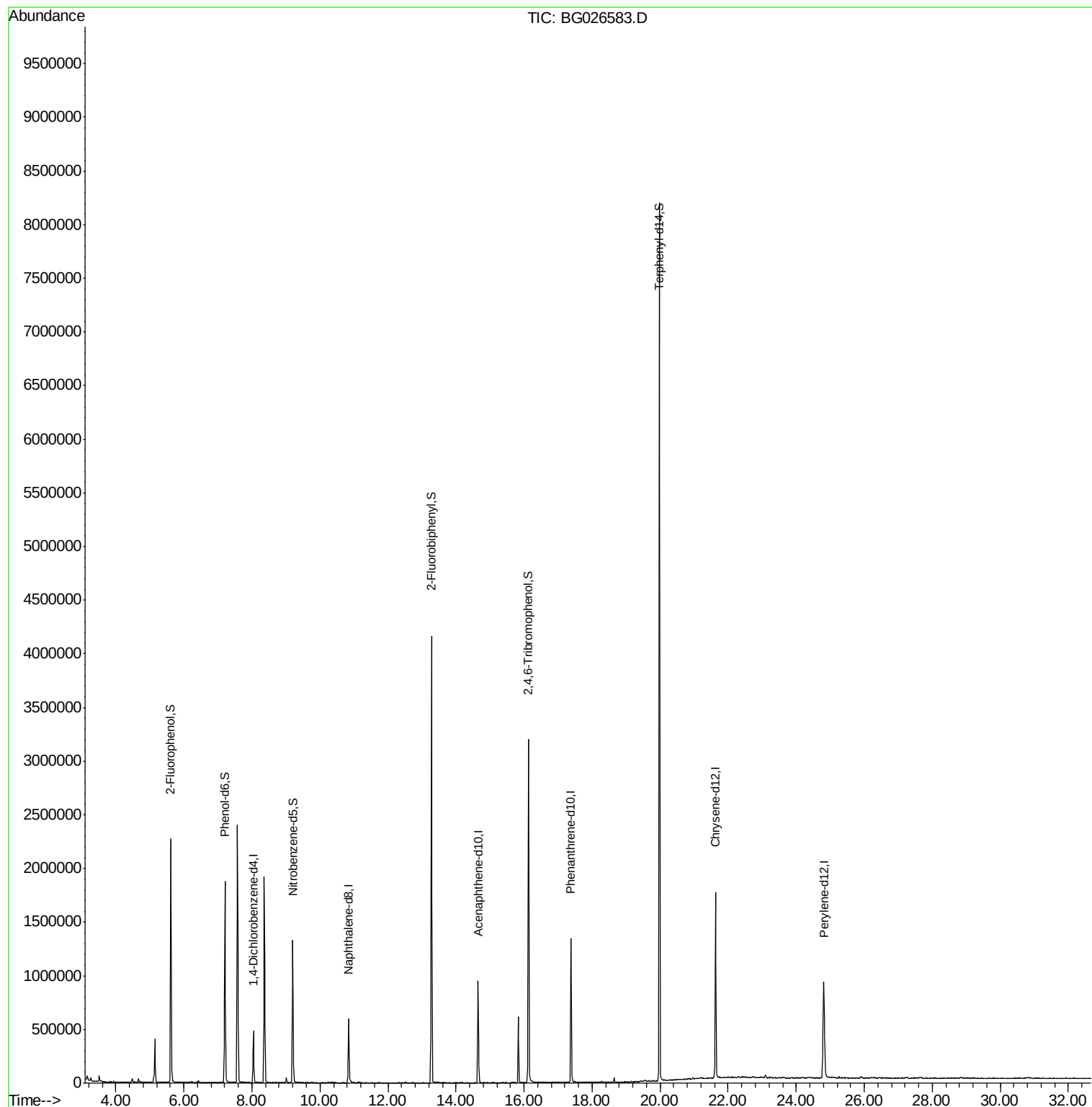
Target Compounds Qvalue

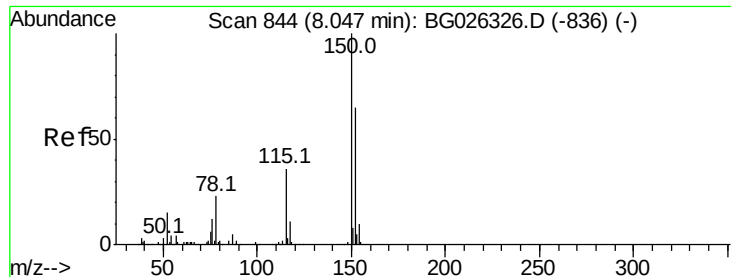
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026583.D

Acq: 7 Apr 2017 2:19

Instrument :

BNA_G

ClientSampleId :

15-41

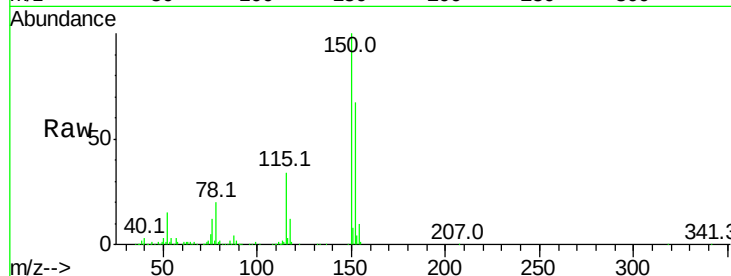
Tot Ion:152 Resp: 155787

Ion Ratio Lower Upper

152 100

150 148.9 114.0 171.0

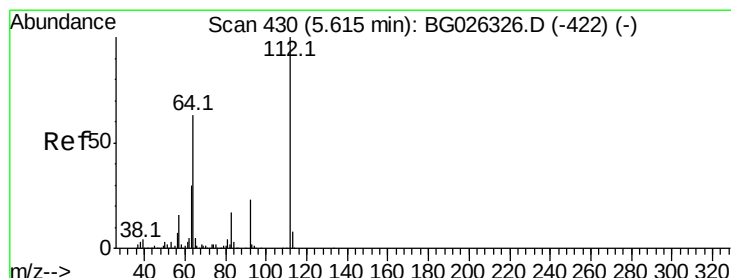
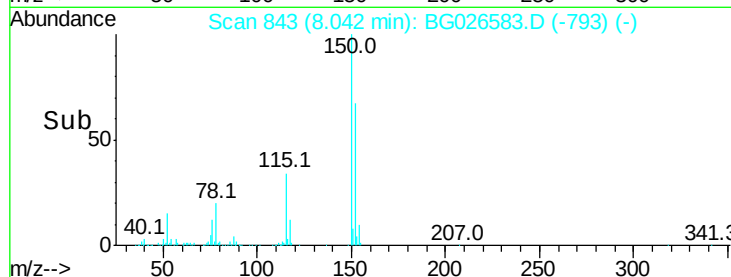
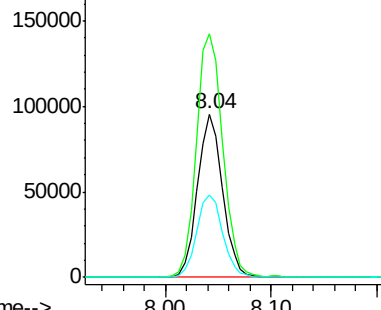
115 50.0 48.1 72.1



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: 134.47 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026583.D

Acq: 7 Apr 2017 2:19

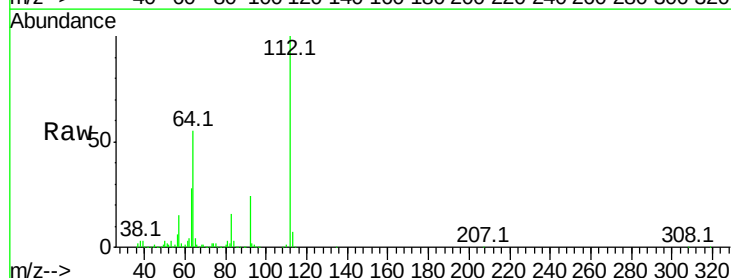
Tgt Ion:112 Resp: 1180275

Ion Ratio Lower Upper

112 100

64 55.1 61.8 92.6#

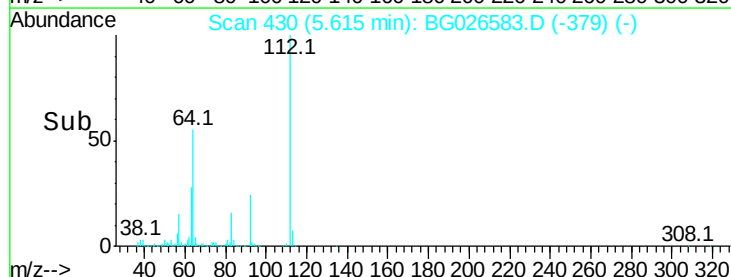
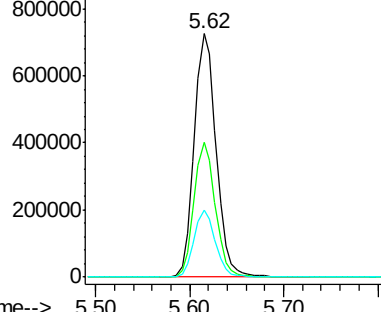
63 27.7 37.2 55.8#

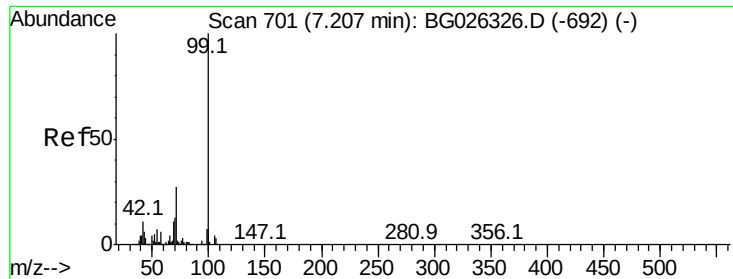


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.79 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026583.D

Acq: 7 Apr 2017 2:19

Instrument :

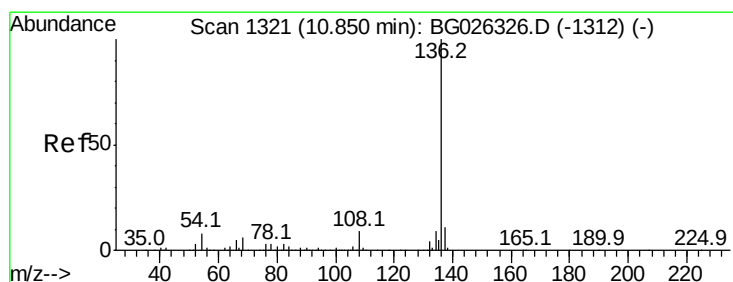
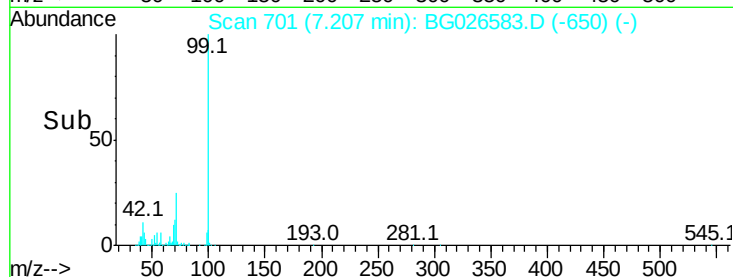
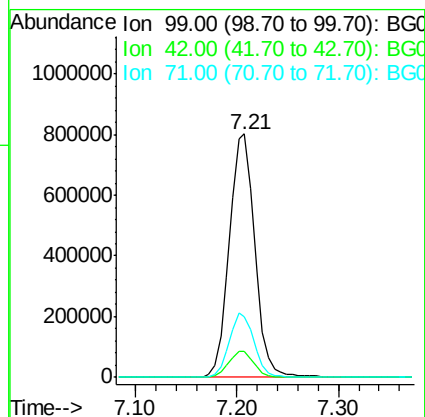
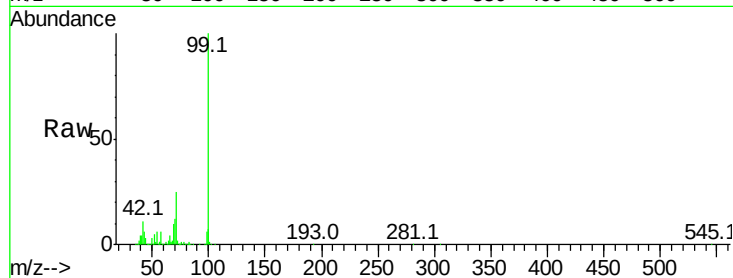
BNA_G

ClientSampleId :

15-41

Tot Ion: 99 Resp: 1399822

Ion	Ratio	Lower	Upper
99	100		
42	10.7	20.5	30.7#
71	25.1	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

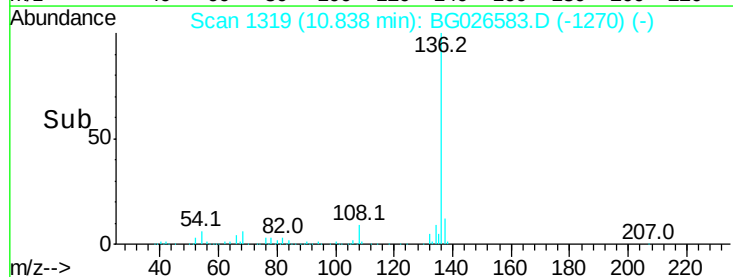
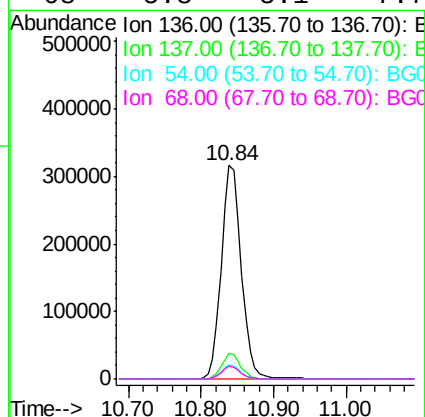
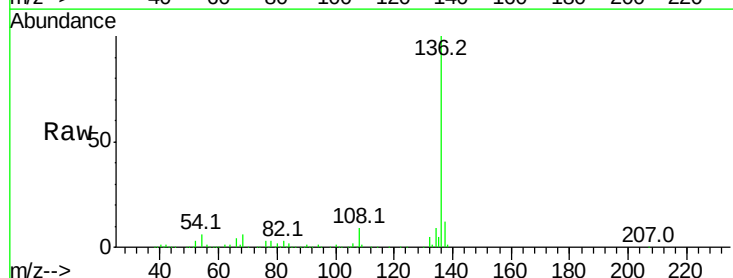
Delta R.T. -0.01 min

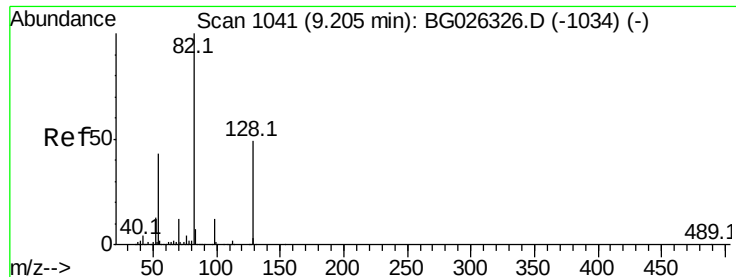
Lab File: BG026583.D

Acq: 7 Apr 2017 2:19

Tgt Ion: 136 Resp: 607484

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	6.5	9.3	13.9#
68	5.8	5.1	7.7

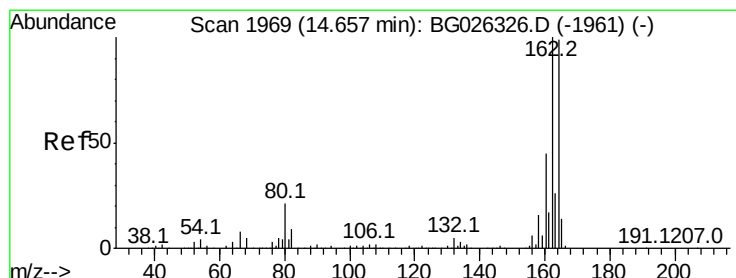
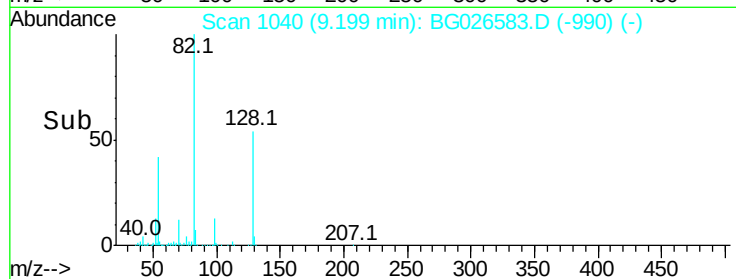
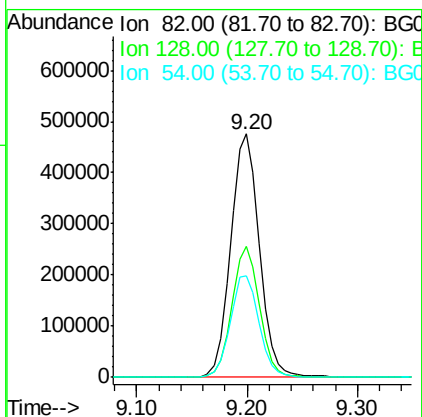
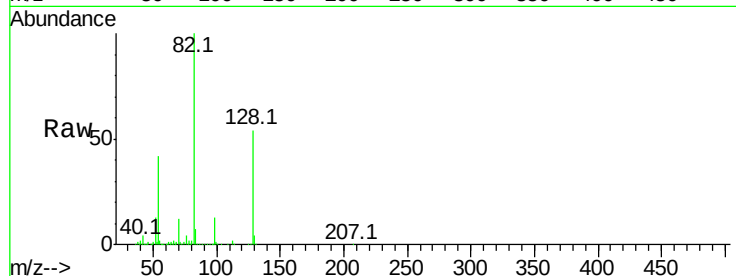




#23
 Nitrobenzene-d5
 Concen: 85.89 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026583.D
 Acq: 7 Apr 2017 2:19

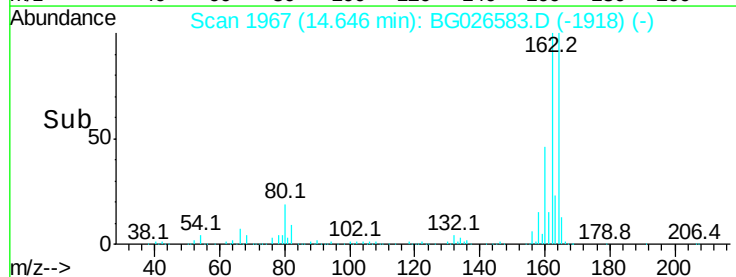
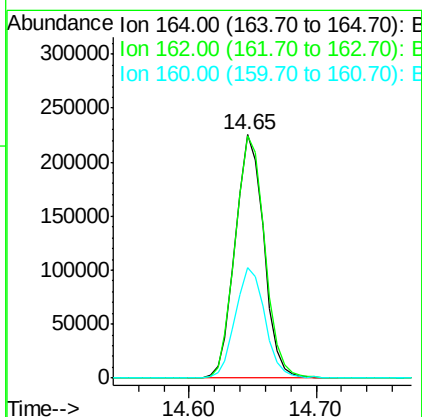
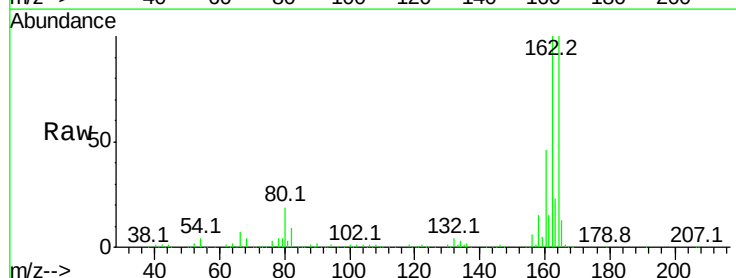
Instrument :
 BNA_G
 ClientSampleId :
 15-41

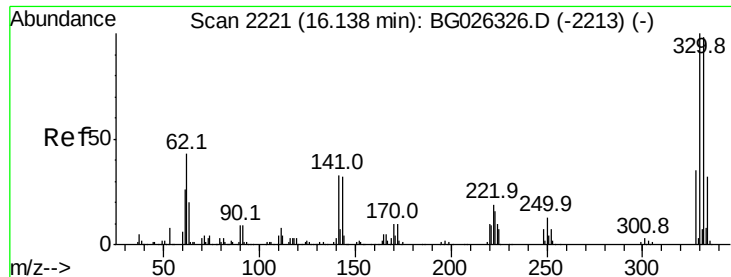
Tot Ion	82	Resp	867792
Ion	Ratio	Lower	Upper
82	100		
128	53.6	26.4	39.6#
54	41.5	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026583.D
 Acq: 7 Apr 2017 2:19

Tgt Ion	164	Resp	352466
Ion	Ratio	Lower	Upper
164	100		
162	99.7	85.1	127.7
160	45.6	34.7	52.1

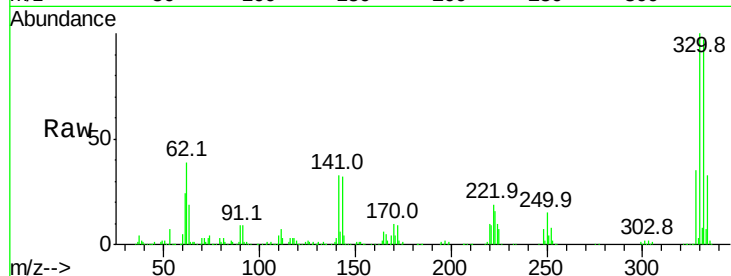




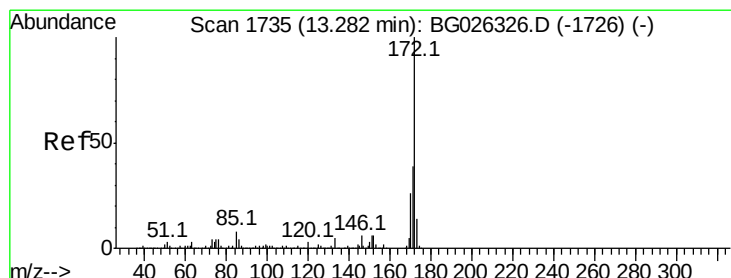
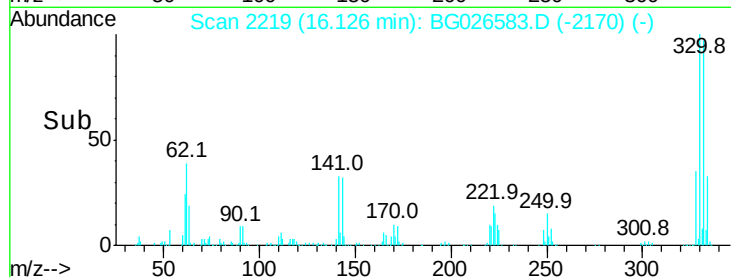
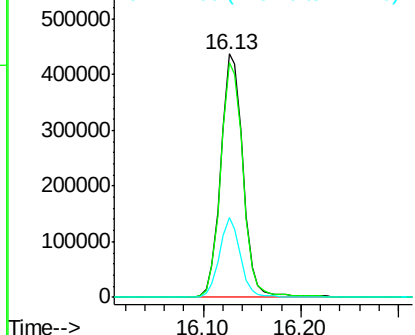
#41
 2,4,6-Tribromophenol
 Concen: 171.33 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026583.D
 Acq: 7 Apr 2017 2:19

Instrument :
 BNA_G
 ClientSampleId :
 15-41

Tot Ion:330 Resp: 691529
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 30.9 32.1 48.1#

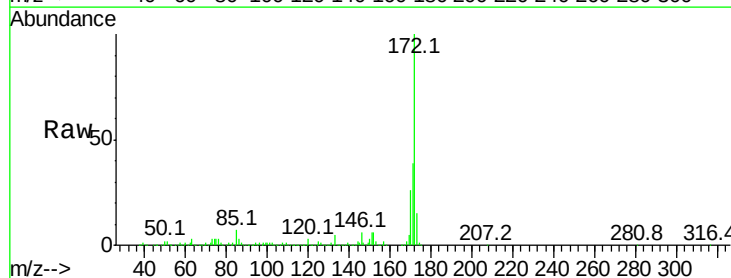


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

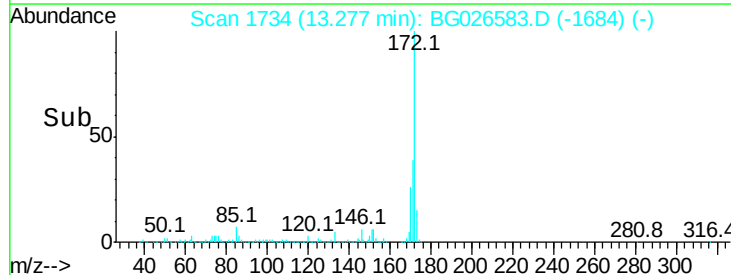
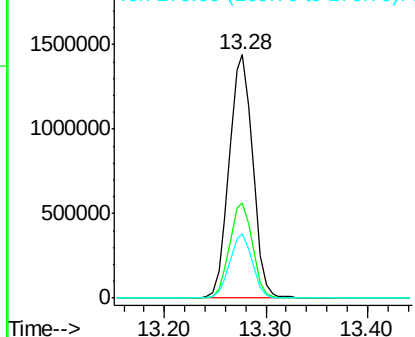


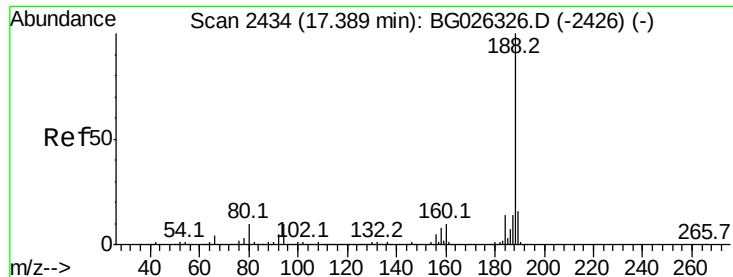
#44
 2-Fluorobiphenyl
 Concen: 92.38 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026583.D
 Acq: 7 Apr 2017 2:19

Tgt Ion:172 Resp: 2321909
 Ion Ratio Lower Upper
 172 100
 171 39.3 32.2 48.2
 170 26.3 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: BG026583.D

Acq: 7 Apr 2017 2:19

Instrument :

BNA_G

ClientSampleId :

15-41

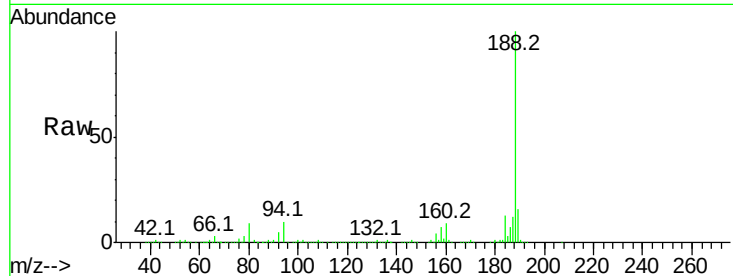
Tot Ion:188 Resp: 892053

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.8#

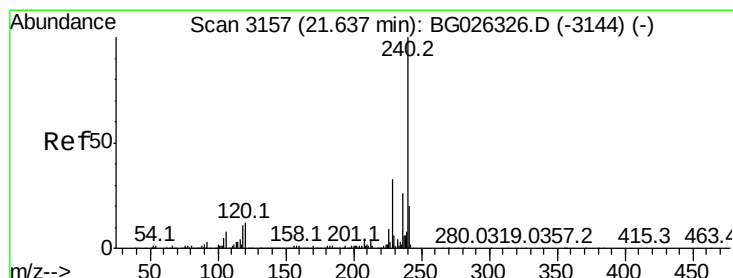
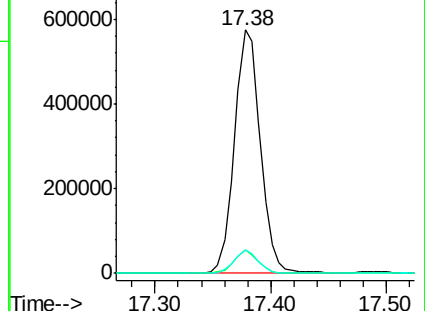
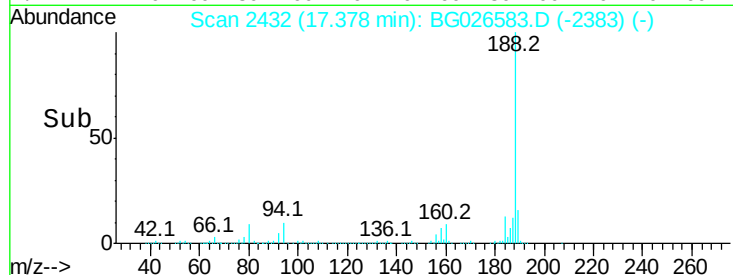
80 9.4 7.5 11.3



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: BG026583.D

Acq: 7 Apr 2017 2:19

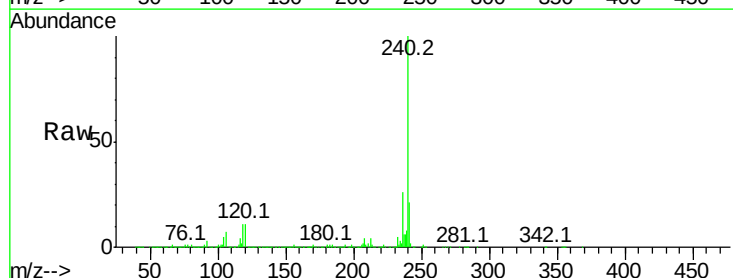
Tgt Ion:240 Resp: 1086353

Ion Ratio Lower Upper

240 100

120 11.3 5.7 8.5#

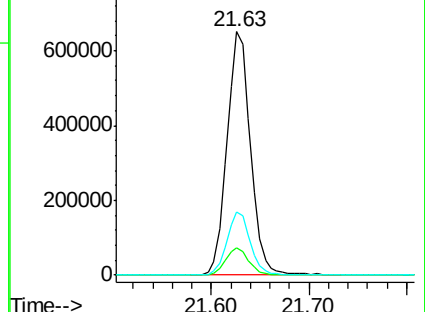
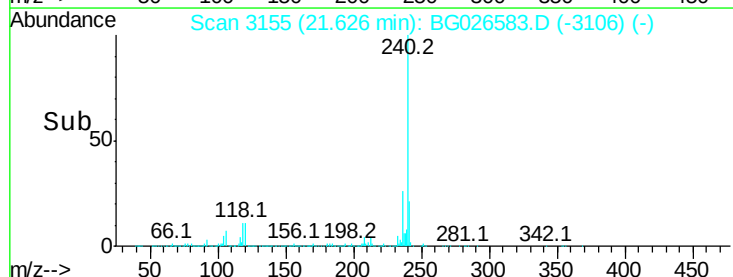
236 26.1 22.2 33.4

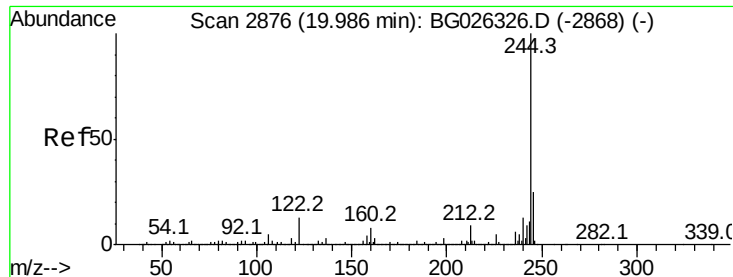


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.99 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026583.D

Acq: 7 Apr 2017 2:19

Instrument :

BNA_G

ClientSampleId :

15-41

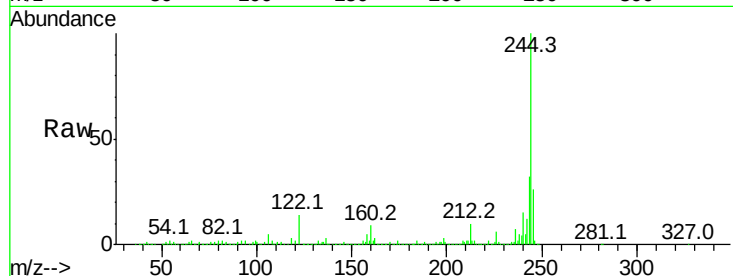
Tot Ion:244 Resp: 3488472

Ion Ratio Lower Upper

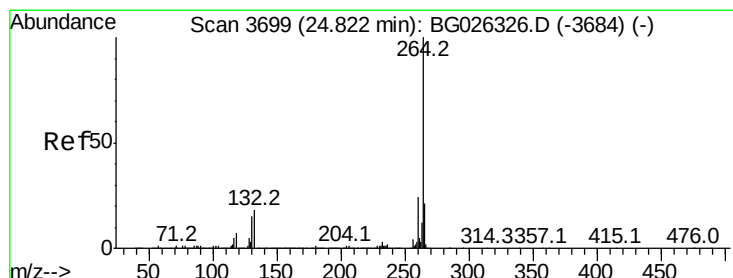
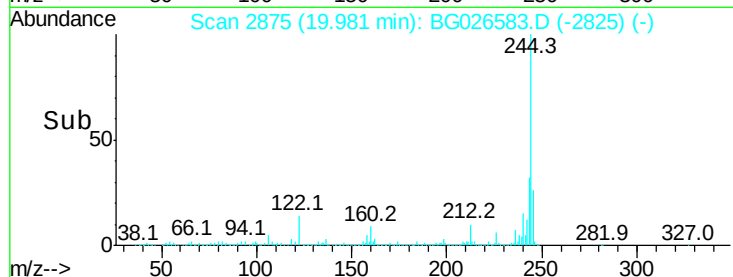
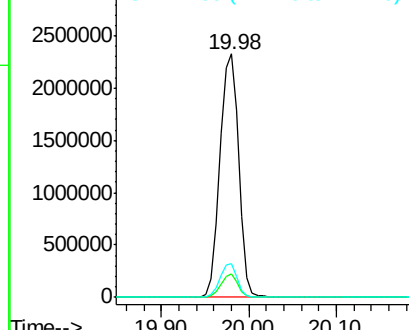
244 100

212 9.6 10.0 15.0#

122 13.8 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: BG026583.D

Acq: 7 Apr 2017 2:19

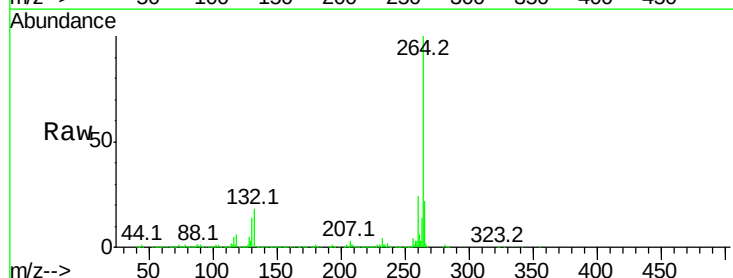
Tgt Ion:264 Resp: 1020975

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 21.8 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

