

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
 Data File : BG026545.D
 Acq On : 4 Apr 2017 15:56
 Operator : SJ/MA
 Sample : PB98019BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98019BL

Quant Time: Apr 05 01:14:32 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	157041	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	634426	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	355365	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	881041	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1114265	20.00	ng	-0.01
86) Perylene-d12	24.81	264	1089208	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	719569	81.33	ng	0.00
7) Phenol-d6	7.20	99	905502	76.23	ng	0.00
23) Nitrobenzene-d5	9.20	82	697578	66.11	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	371039	91.17	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	1967354	77.64	ng	0.00
78) Terphenyl-d14	19.98	244	2921506	63.68	ng	-0.01

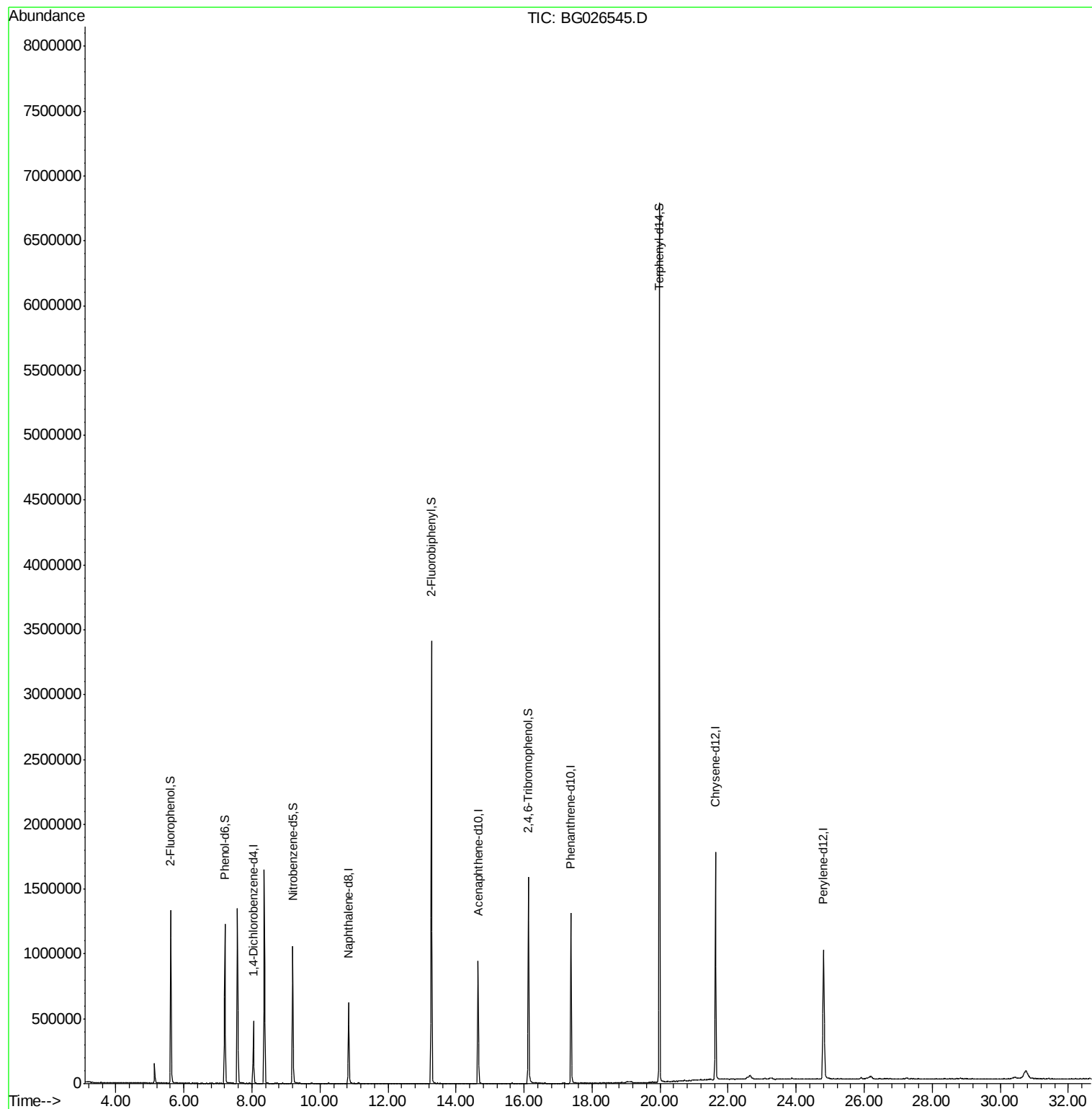
Target Compounds Qvalue

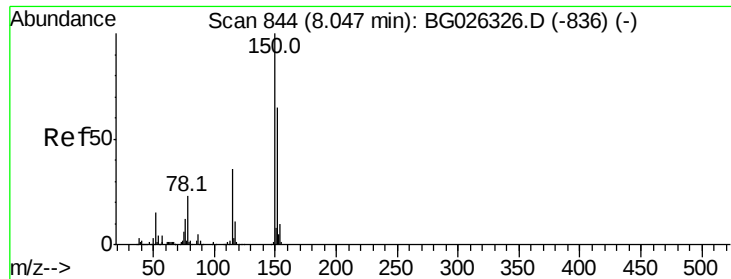
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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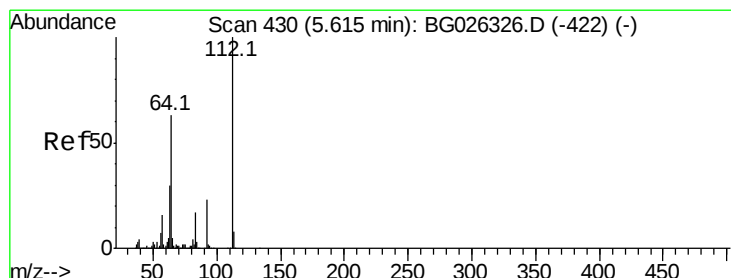
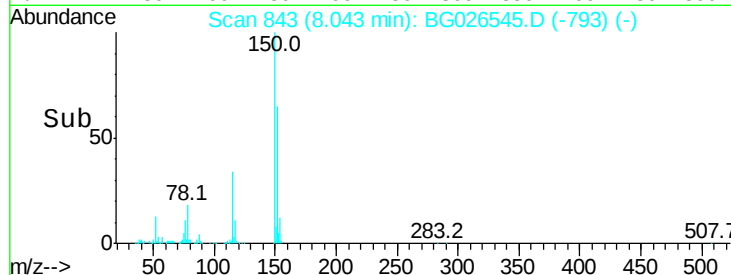
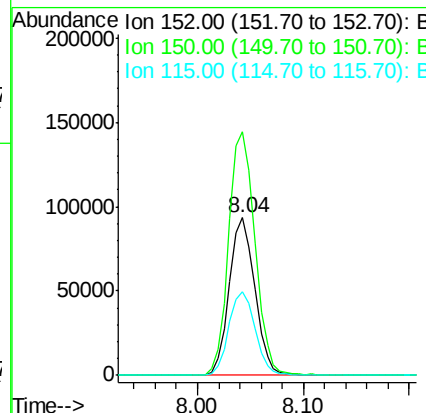
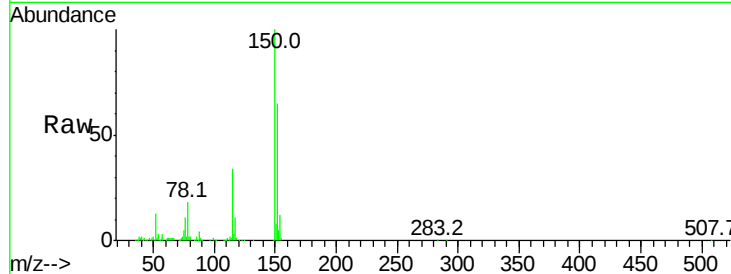


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026545.D
Acq: 4 Apr 2017 15:56

Instrument :
BNA_G
ClientSampleId :
PB98019BL

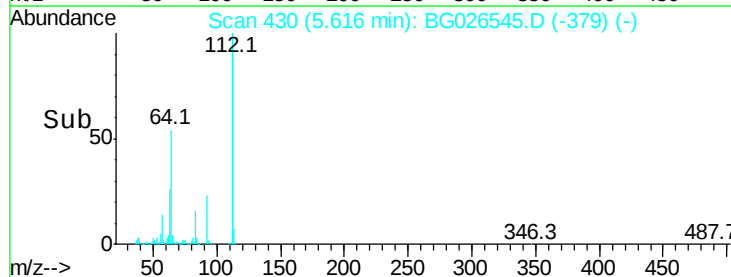
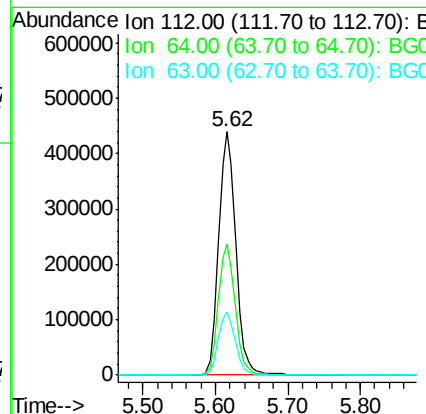
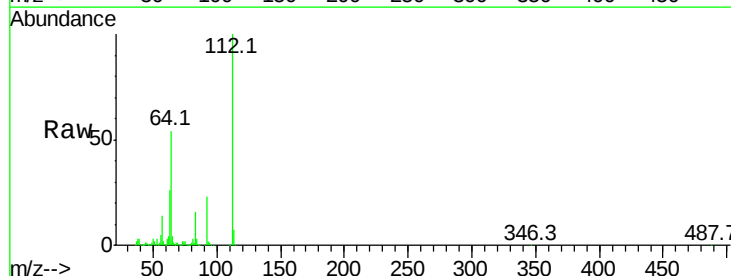
Tot Ion:152 Resp: 157041
Ion Ratio Lower Upper
152 100
150 154.5 114.0 171.0
115 52.8 48.1 72.1

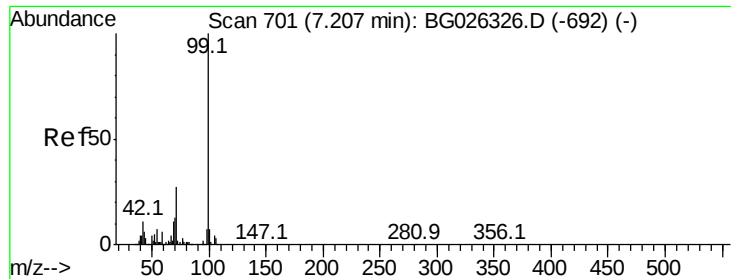


#5

2-Fluorophenol
Concen: 81.33 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026545.D
Acq: 4 Apr 2017 15:56

Tgt Ion:112 Resp: 719569
Ion Ratio Lower Upper
112 100
64 53.8 61.8 92.6#
63 26.1 37.2 55.8#





#7

Phenol-d6

Concen: 76.23 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026545.D

Acq: 4 Apr 2017 15:56

Instrument :

BNA_G

ClientSampleId :

PB98019BL

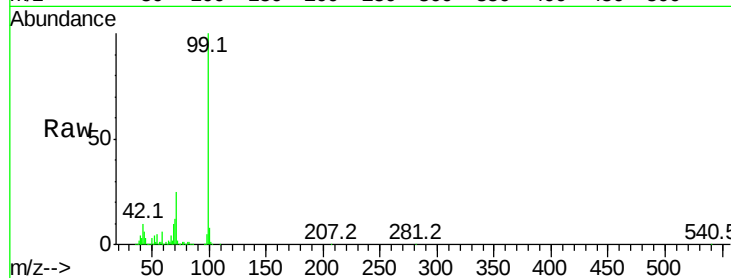
Tot Ion: 99 Resp: 905502

Ion Ratio Lower Upper

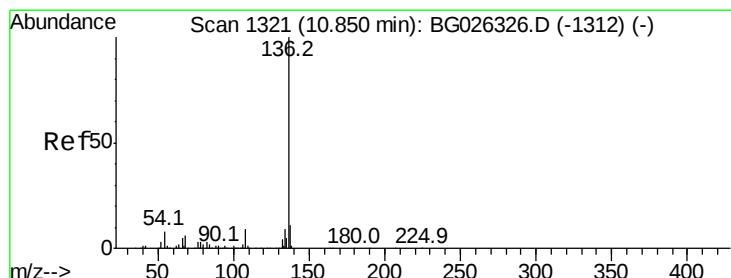
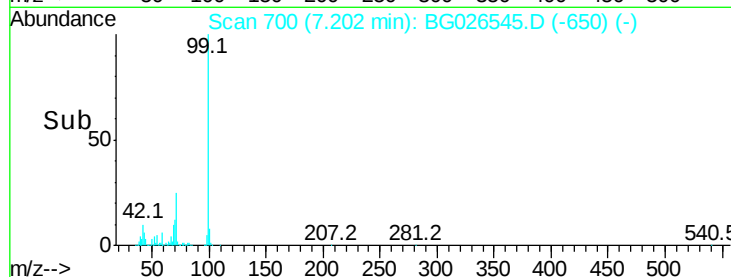
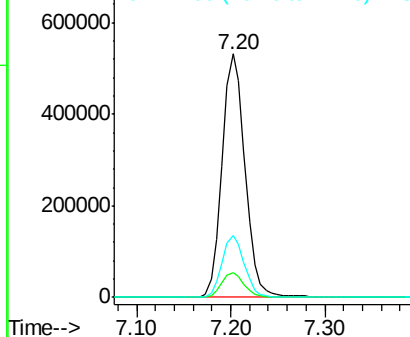
99 100

42 10.4 20.5 30.7#

71 25.5 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: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026545.D

Acq: 4 Apr 2017 15:56

Tgt Ion: 136 Resp: 634426

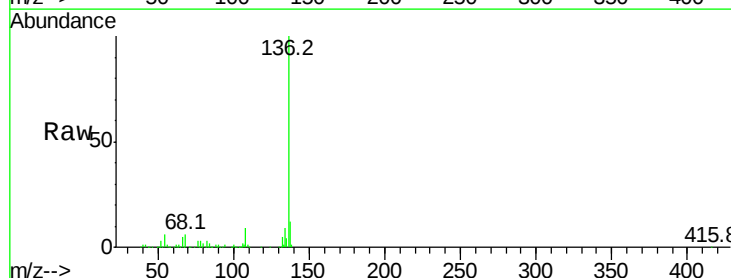
Ion Ratio Lower Upper

136 100

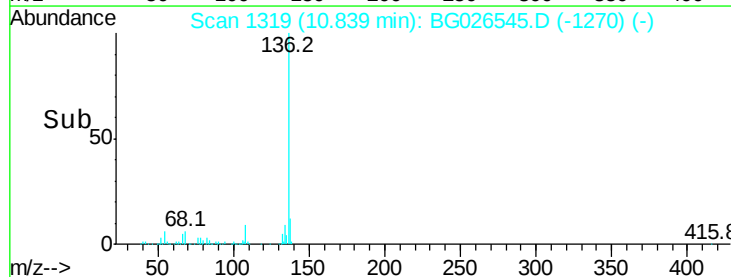
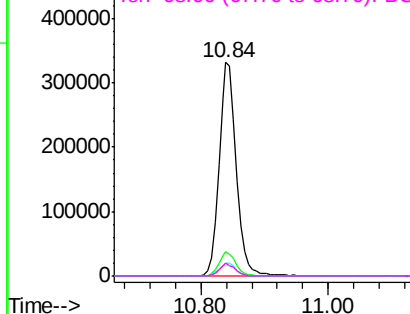
137 11.6 8.9 13.3

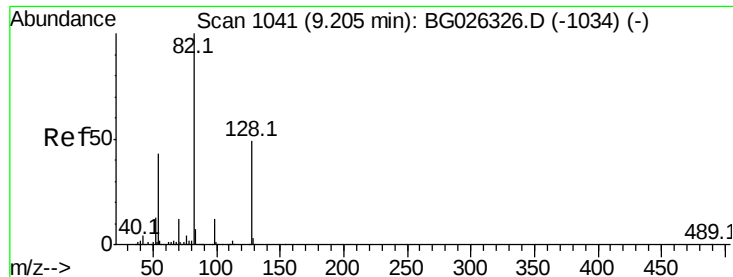
54 6.2 9.3 13.9#

68 5.7 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

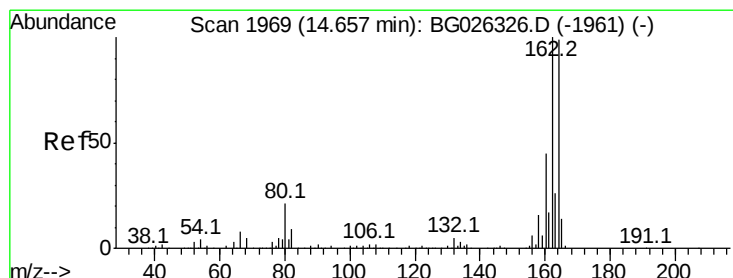
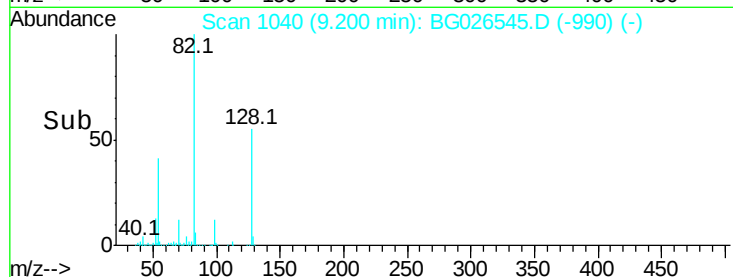
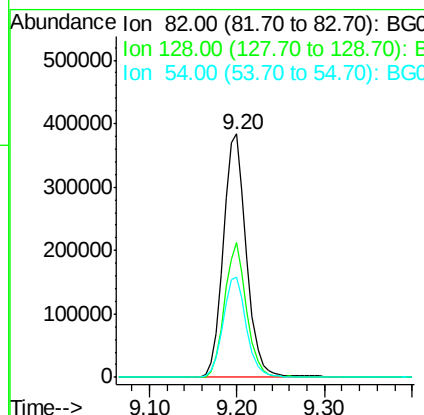
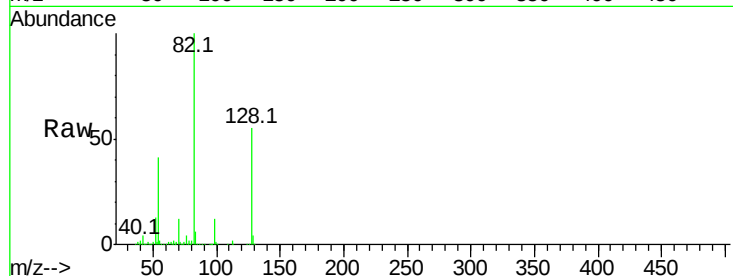




#23
 Nitrobenzene-d5
 Concen: 66.11 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026545.D
 Acq: 4 Apr 2017 15:56

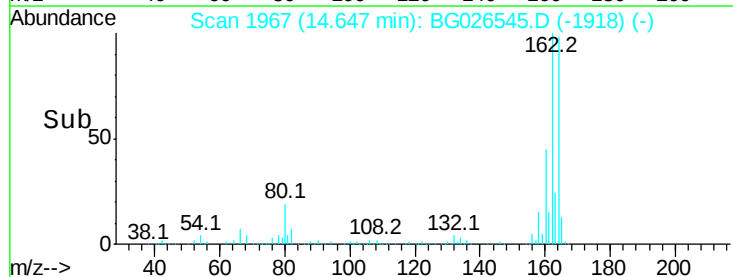
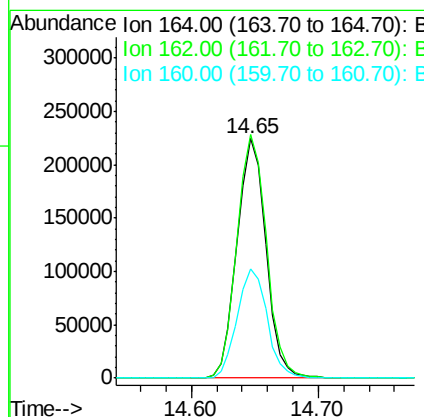
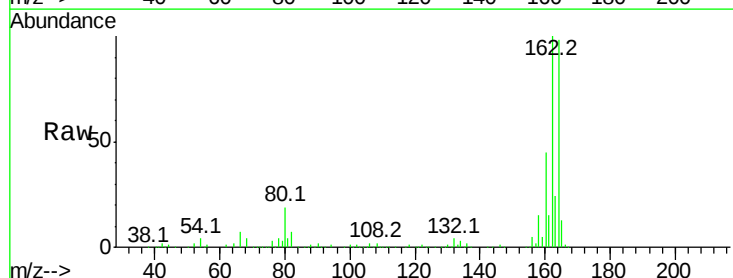
Instrument :
 BNA_G
 ClientSampleId :
 PB98019BL

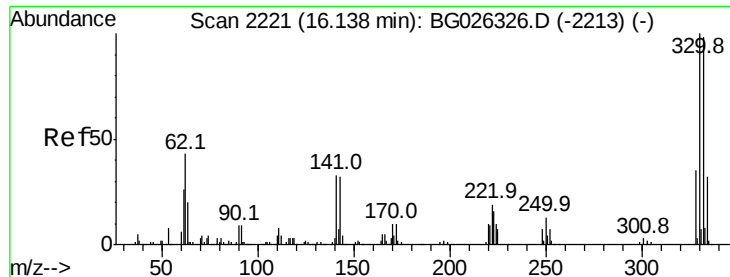
Tot Ion	82	Resp	697578
Ion Ratio	Lower	Upper	
82	100		
128	55.1	26.4	39.6#
54	41.0	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026545.D
 Acq: 4 Apr 2017 15:56

Tgt Ion	164	Resp	355365
Ion Ratio	Lower	Upper	
164	100		
162	101.7	85.1	127.7
160	45.7	34.7	52.1

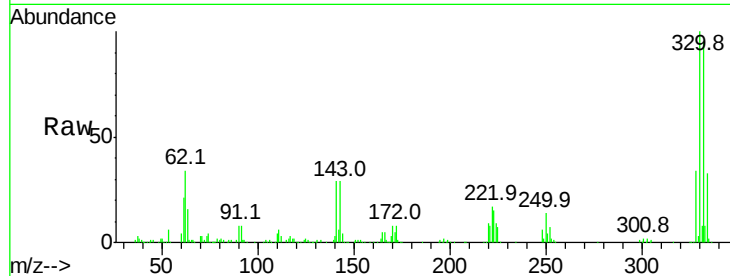




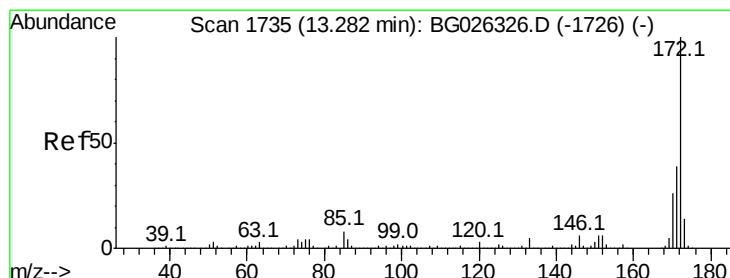
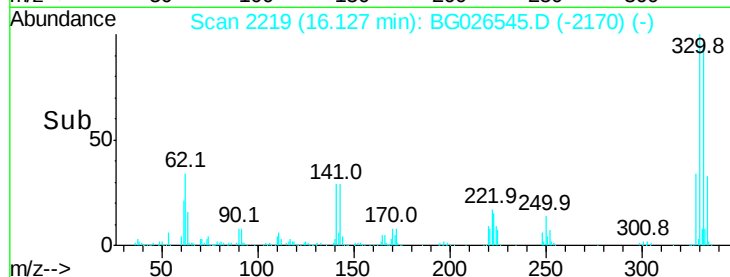
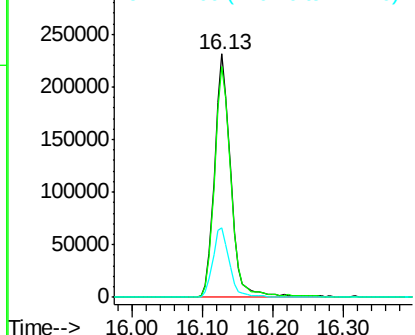
#41
 2,4,6-Tribromophenol
 Concen: 91.17 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026545.D
 Acq: 4 Apr 2017 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB98019BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	28.7	32.1	48.1#

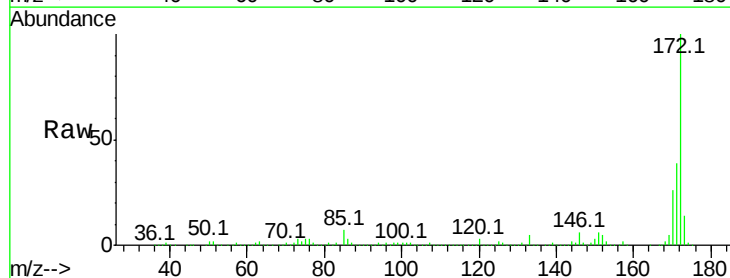


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

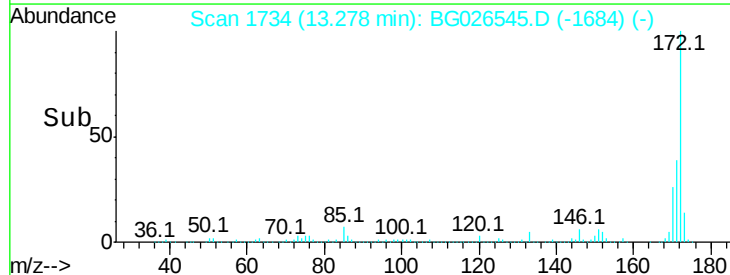
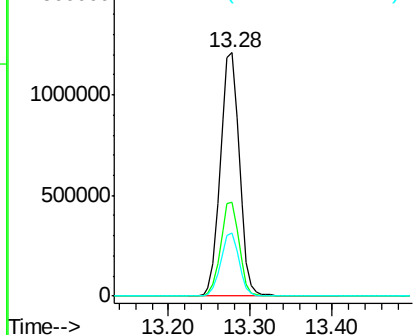


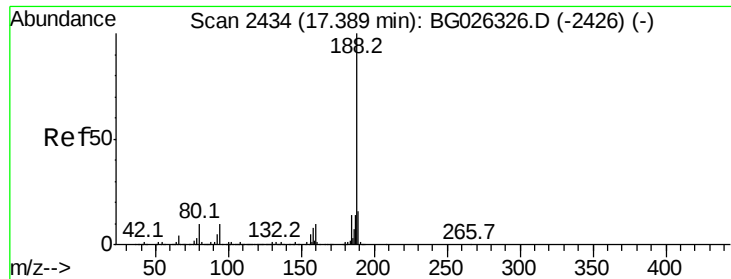
#44
 2-Fluorobiphenyl
 Concen: 77.64 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026545.D
 Acq: 4 Apr 2017 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	25.7	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: BG026545.D

Acq: 4 Apr 2017 15:56

Instrument :

BNA_G

ClientSampleId :

PB98019BL

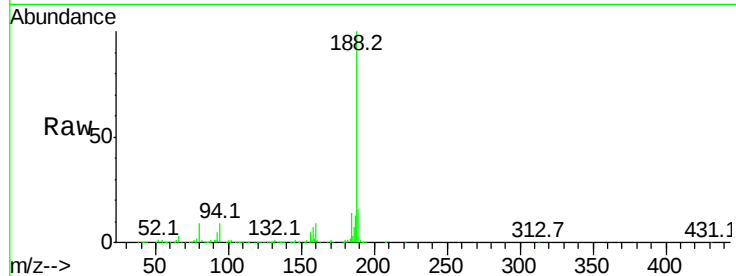
Tot Ion:188 Resp: 881041

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

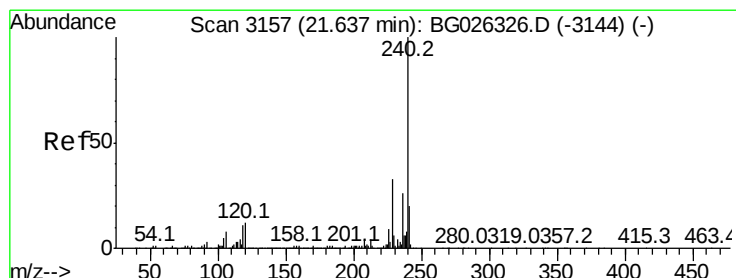
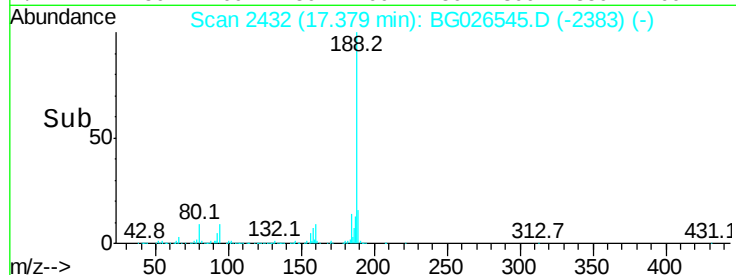
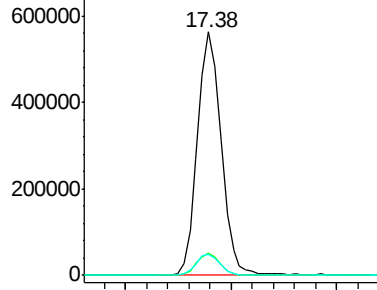
80 8.6 7.5 11.3



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: BG026545.D

Acq: 4 Apr 2017 15:56

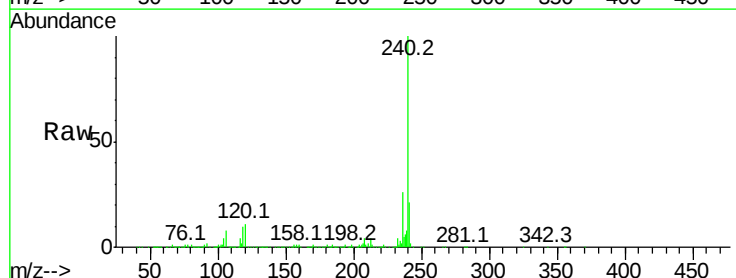
Tgt Ion:240 Resp: 1114265

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

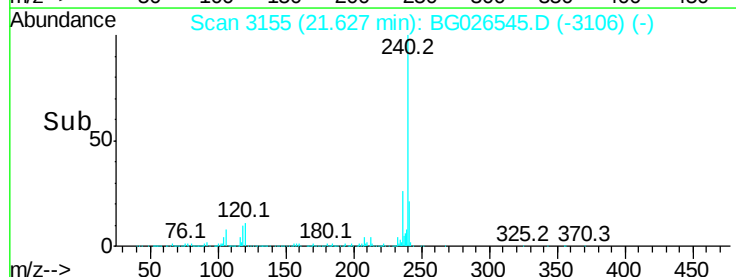
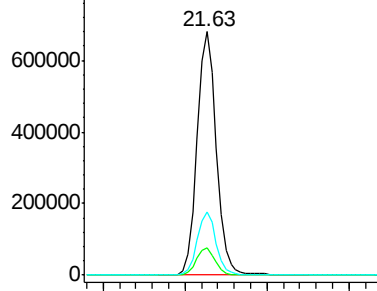
236 25.7 22.2 33.4

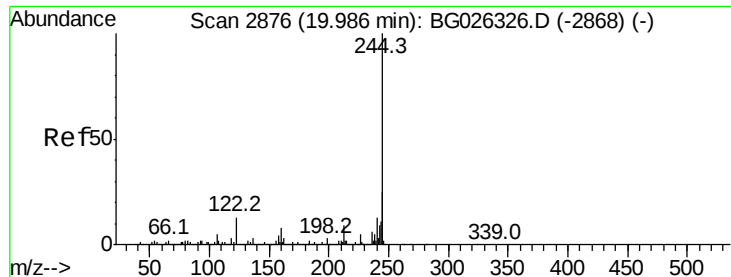


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.68 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026545.D

Acq: 4 Apr 2017 15:56

Instrument :

BNA_G

ClientSampled :

PB98019BL

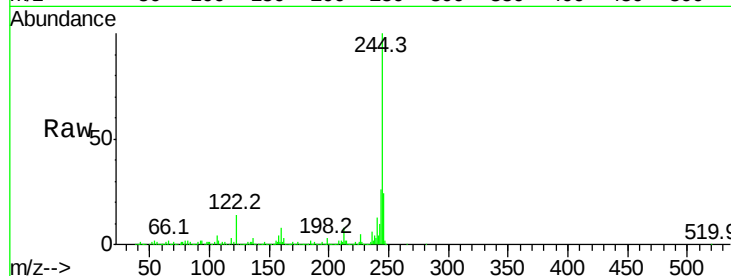
Tot Ion:244 Resp: 2921506

Ion Ratio Lower Upper

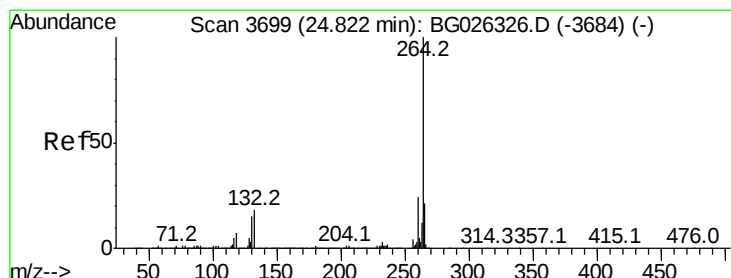
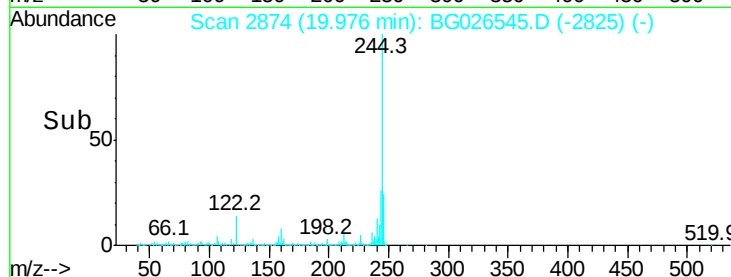
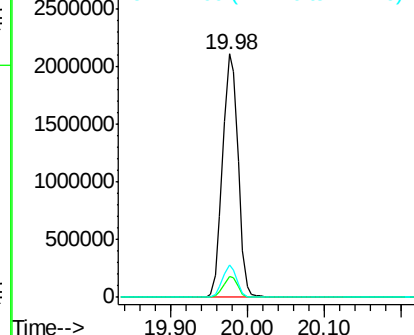
244 100

212 8.4 10.0 15.0#

122 13.5 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: BG026545.D

Acq: 4 Apr 2017 15:56

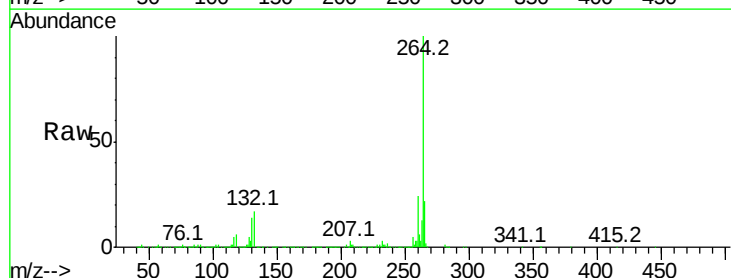
Tgt Ion:264 Resp: 1089208

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 22.3 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

