

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026407.D
 Acq On : 23 Mar 2017 17:53
 Operator : SJ/MA
 Sample : I2364-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 24 01:01:02 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	8.05	152	139739	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	556917	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	315791	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	765323	20.00	ng	0.00
75) Chrysene-d12	21.62	240	992328	20.00	ng	-0.01
86) Perylene-d12	24.80	264	981869	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	995395	126.43	ng	0.00
7) Phenol-d6	7.21	99	1175425	111.21	ng	0.00
23) Nitrobenzene-d5	9.20	82	776793	83.87	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	594777	164.47	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2068751	91.87	ng	0.00
78) Terphenyl-d14	19.98	244	3058244	74.85	ng	0.00

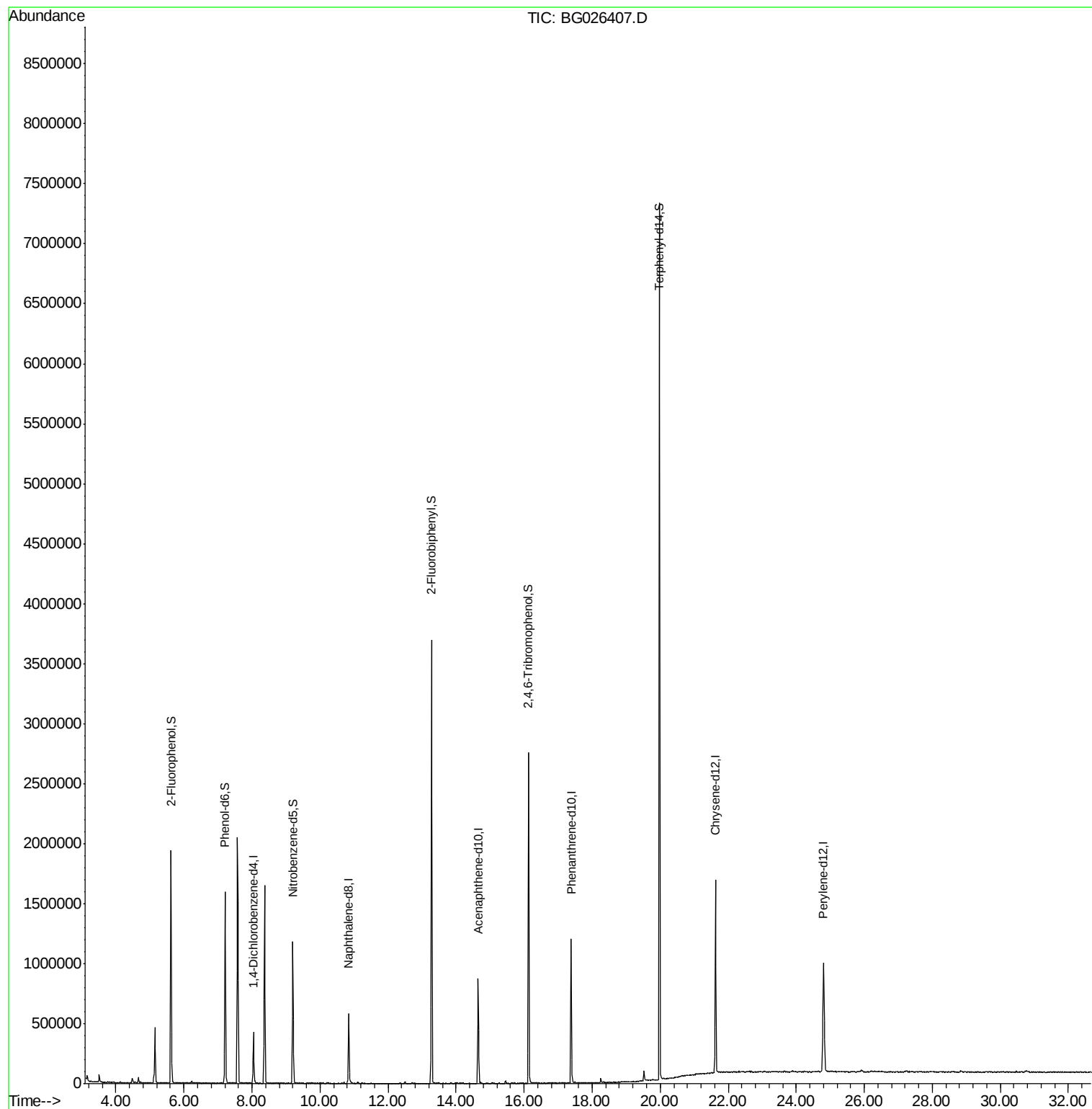
Target Compounds Qvalue

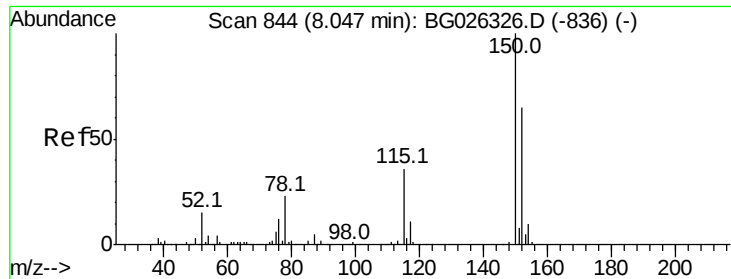
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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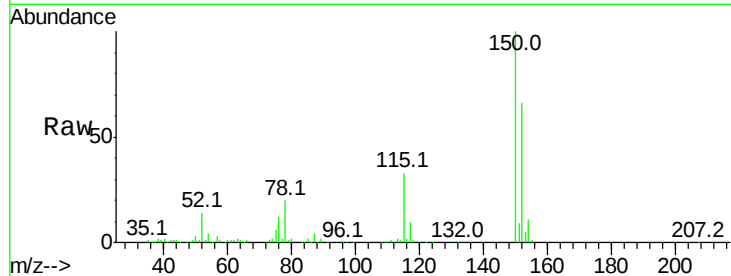


#1

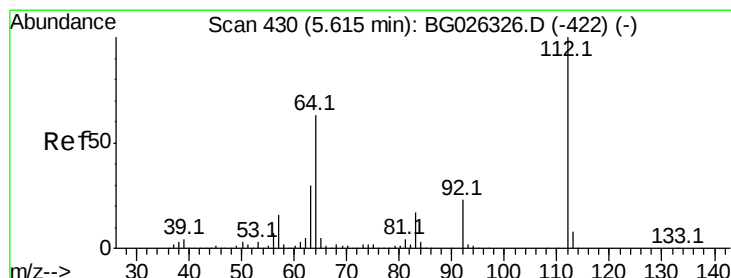
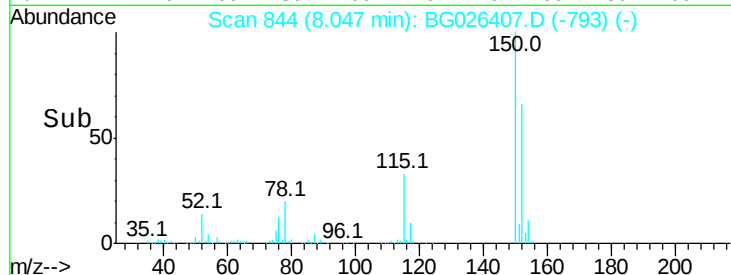
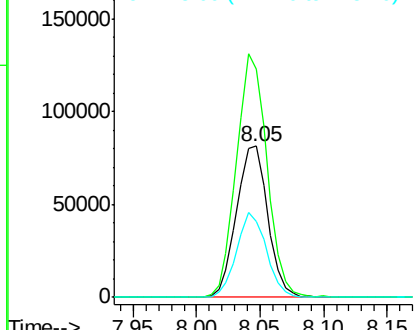
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026407.D
Acq: 23 Mar 2017 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 139739
Ion Ratio Lower Upper
152 100
150 151.4 114.0 171.0
115 50.6 48.1 72.1



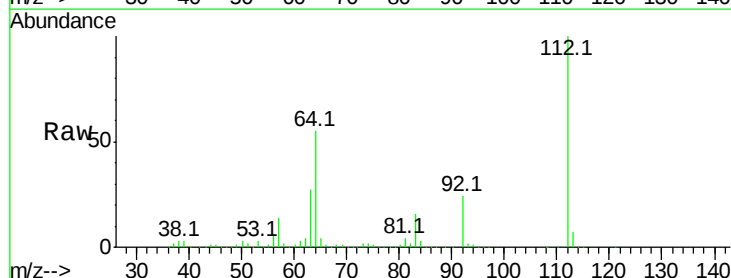
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



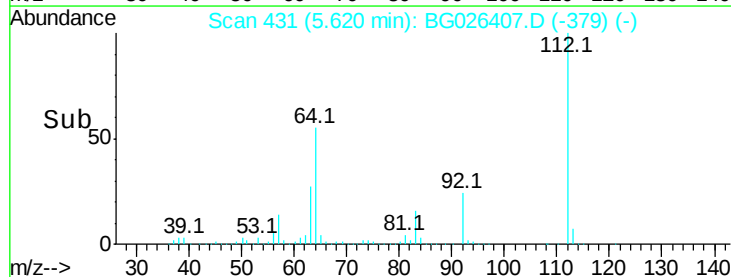
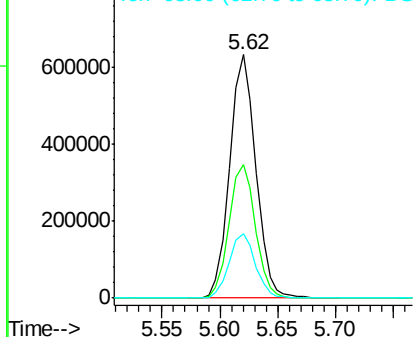
#5

2-Fluorophenol
Concen: 126.43 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG026407.D
Acq: 23 Mar 2017 17:53

Tgt Ion:112 Resp: 995395
Ion Ratio Lower Upper
112 100
64 54.7 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): BGO
Ion 63.00 (62.70 to 63.70): BGO





#7

Phenol-d6

Concen: 111.21 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

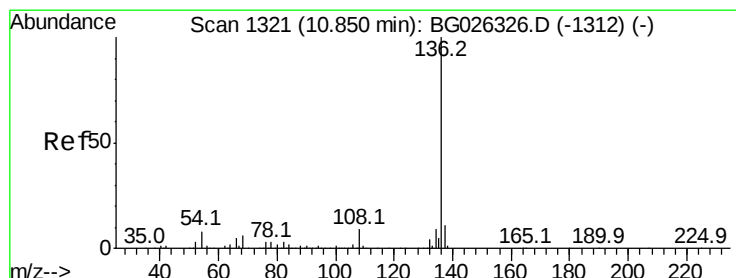
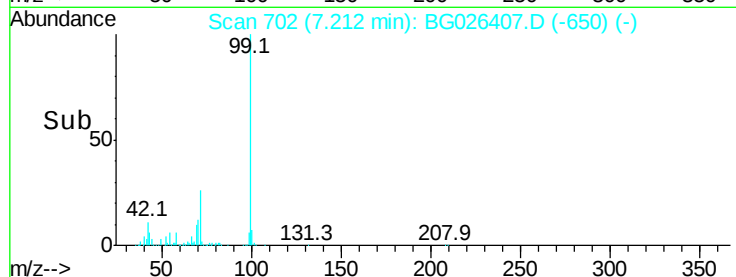
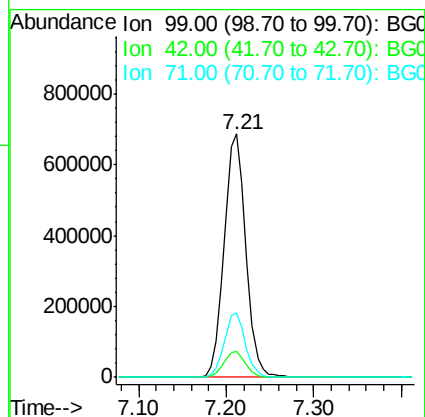
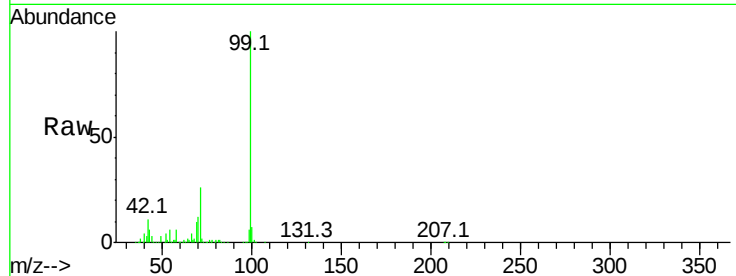
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1175425

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.2	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

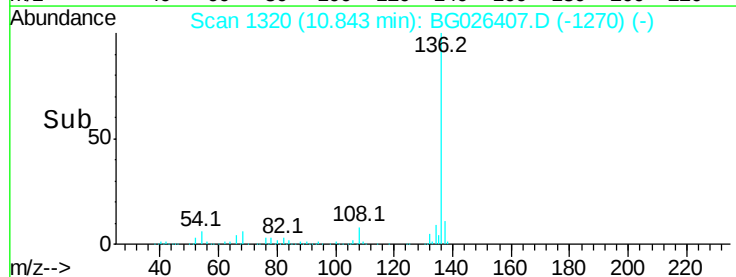
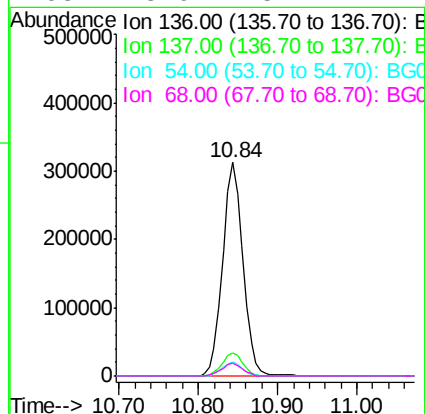
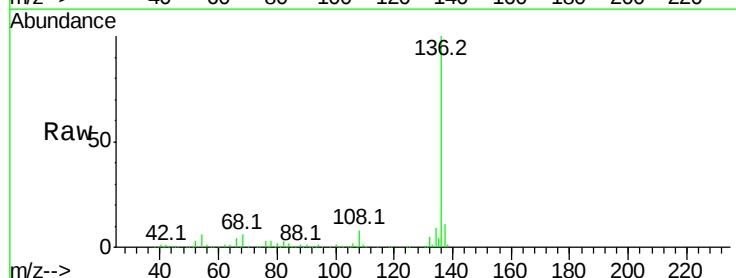
Delta R.T. -0.01 min

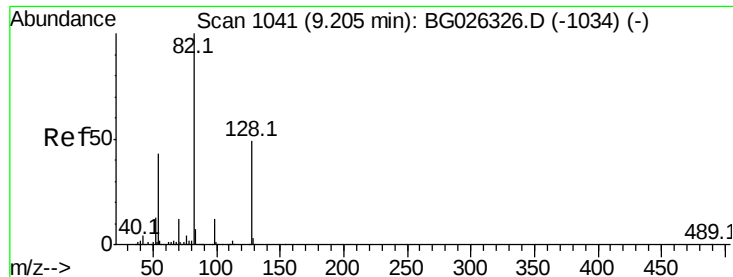
Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

Tgt Ion: 136 Resp: 556917

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	9.3	13.9#
68	5.9	5.1	7.7

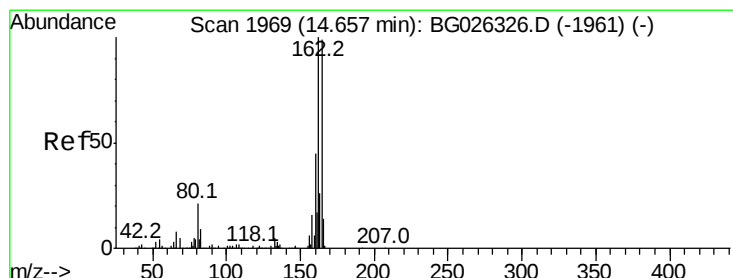
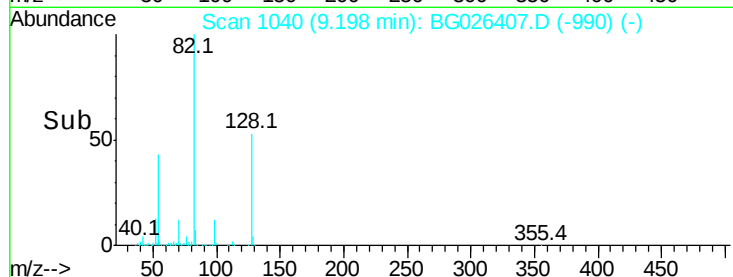
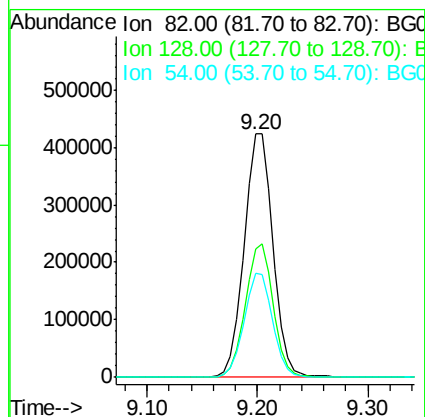
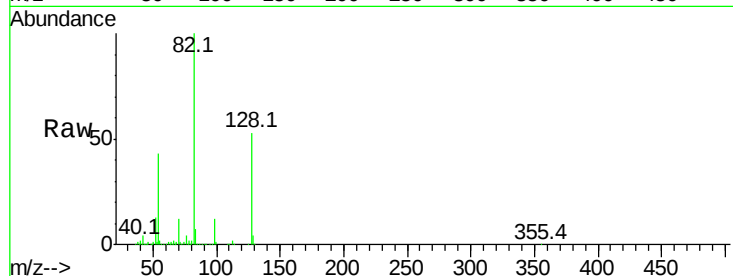




#23
 Nitrobenzene-d5
 Concen: 83.87 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026407.D
 Acq: 23 Mar 2017 17:53

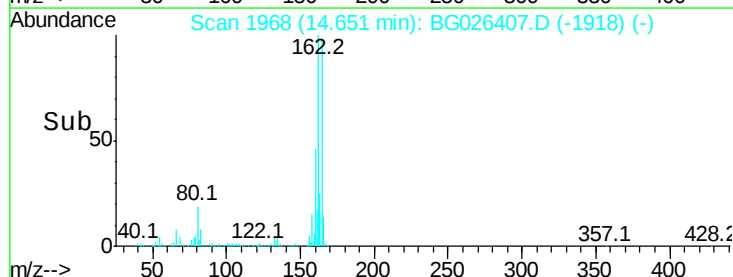
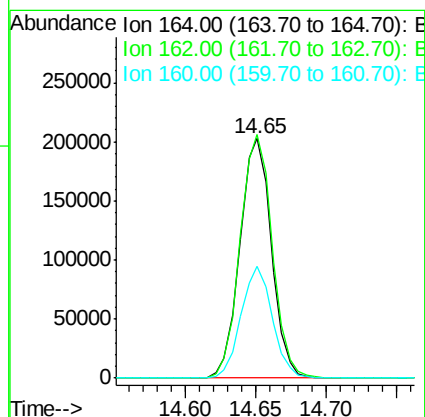
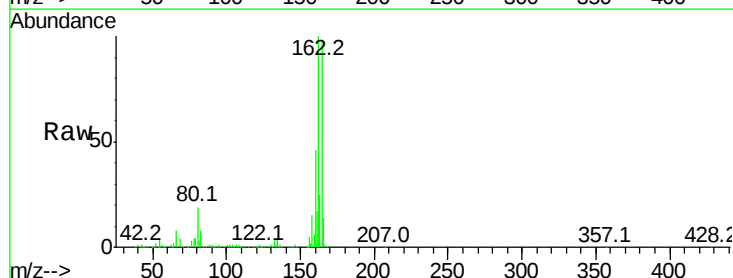
Instrument :
 BNA_G
 ClientSampled :

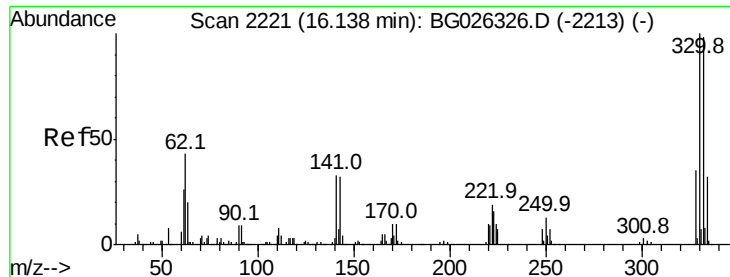
Tot Ion	82	Resp	776793
Ion	Ratio	Lower	Upper
82	100		
128	52.6	26.4	39.6#
54	42.9	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026407.D
 Acq: 23 Mar 2017 17:53

Tgt Ion	164	Resp	315791
Ion	Ratio	Lower	Upper
164	100		
162	101.8	85.1	127.7
160	46.7	34.7	52.1

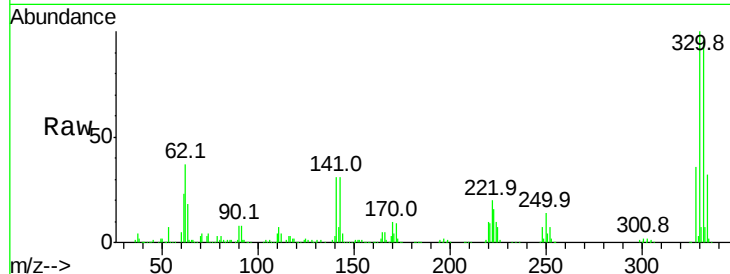




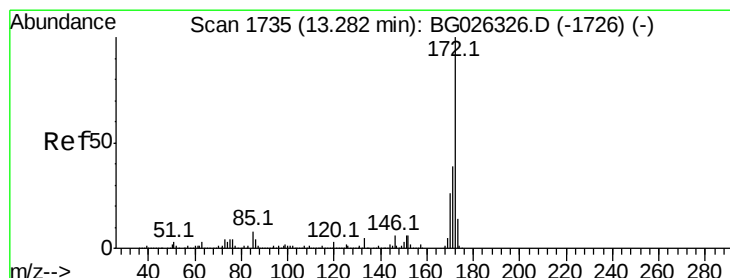
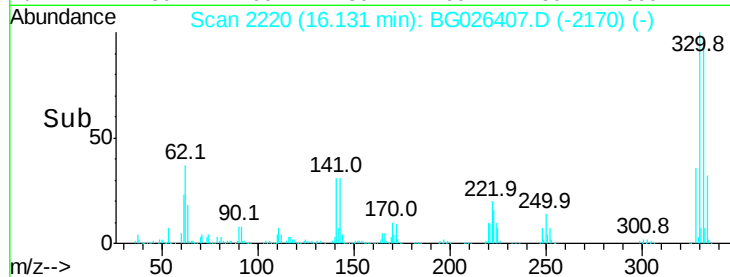
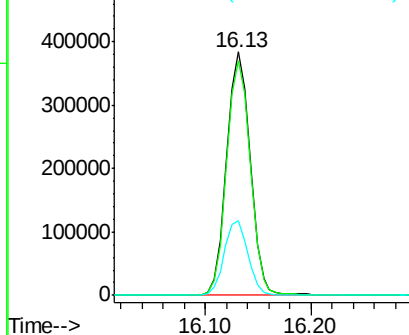
#41
 2,4,6-Tribromophenol
 Concen: 164.47 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026407.D
 Acq: 23 Mar 2017 17:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.0	32.1	48.1#

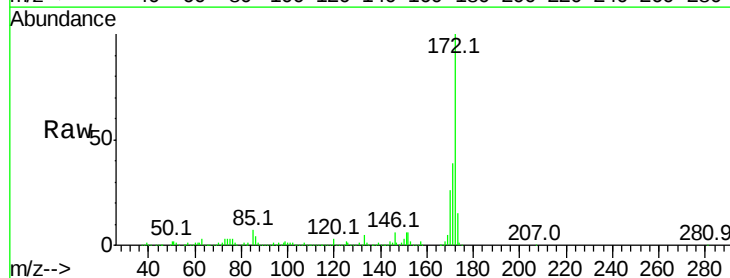


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

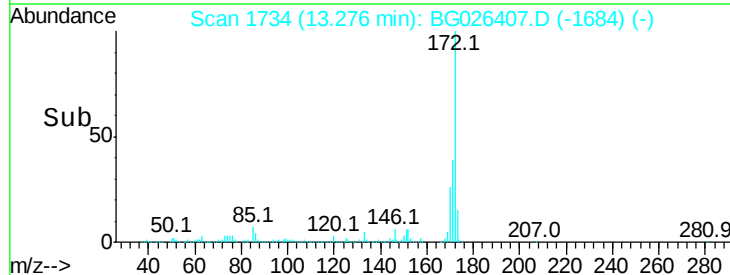
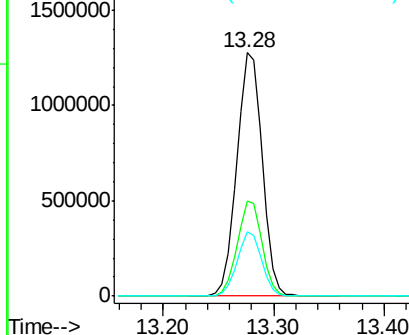


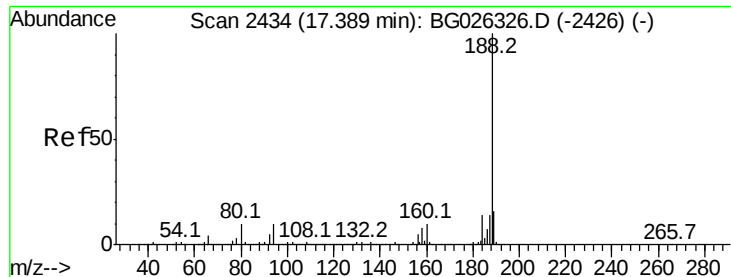
#44
 2-Fluorobiphenyl
 Concen: 91.87 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026407.D
 Acq: 23 Mar 2017 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	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

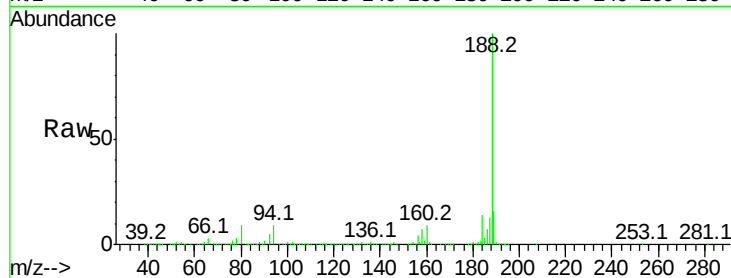




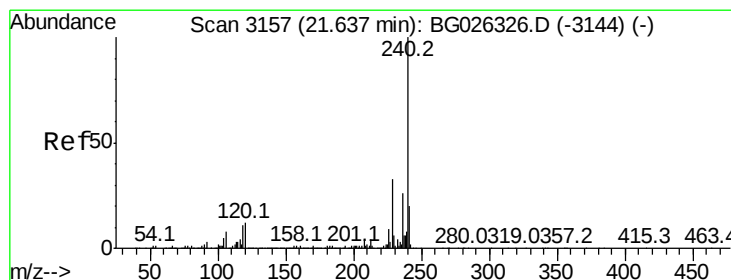
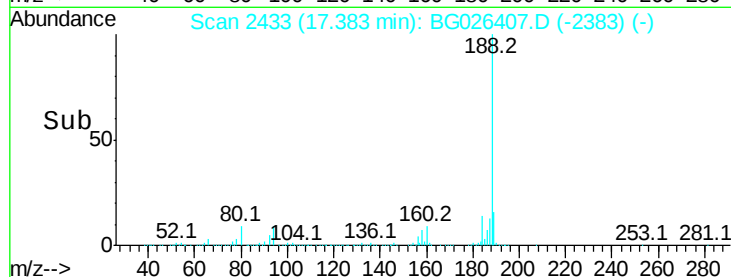
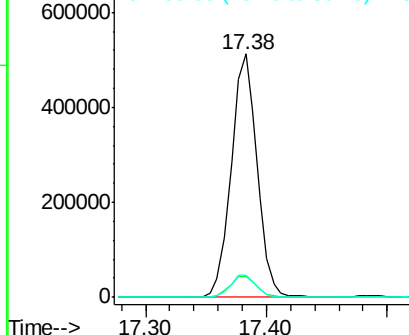
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026407.D
Acq: 23 Mar 2017 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 765323
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 8.9 7.5 11.3

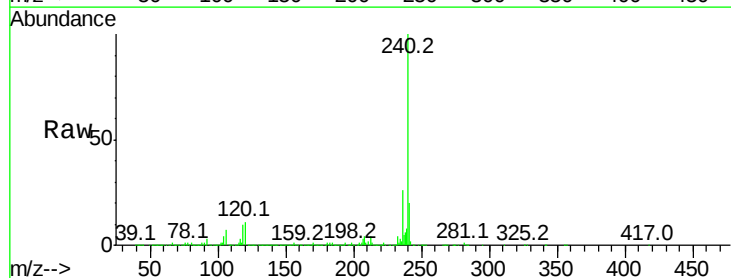


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

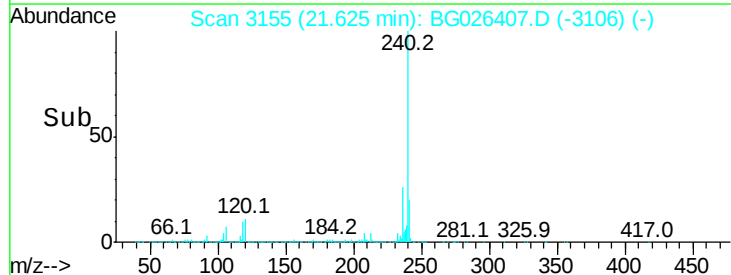
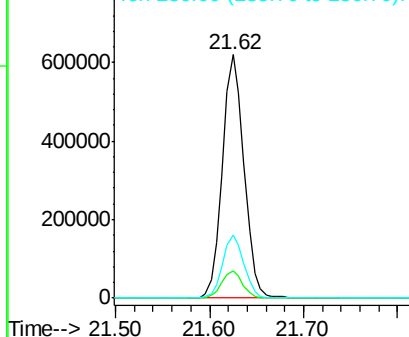


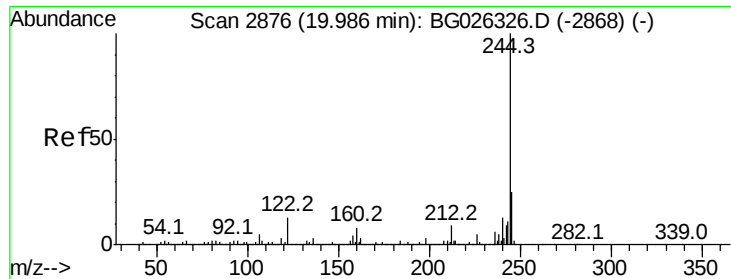
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026407.D
Acq: 23 Mar 2017 17:53

Tgt Ion:240 Resp: 992328
Ion Ratio Lower Upper
240 100
120 11.2 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: 74.85 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

Instrument :

BNA_G

ClientSampleId :

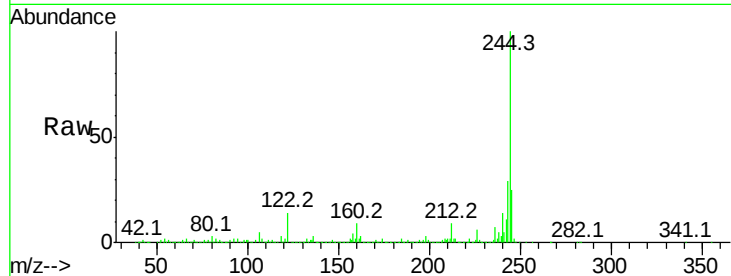
Tot Ion:244 Resp: 3058244

Ion Ratio Lower Upper

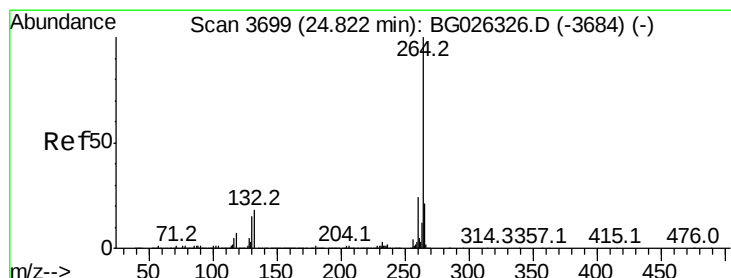
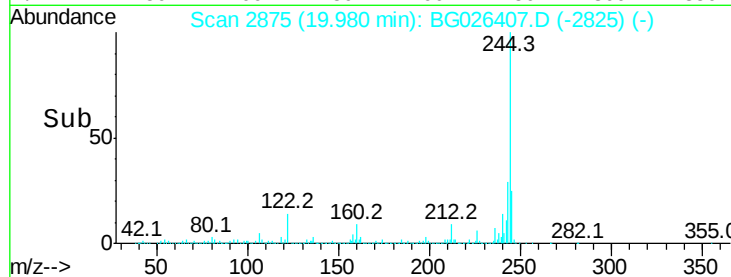
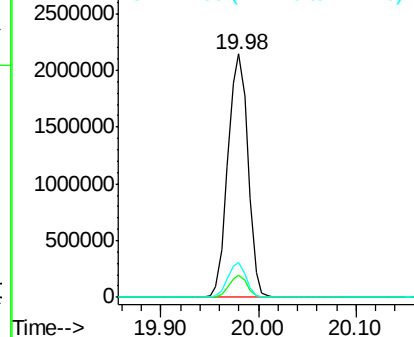
244 100

212 9.3 10.0 15.0#

122 14.2 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: 24.80 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

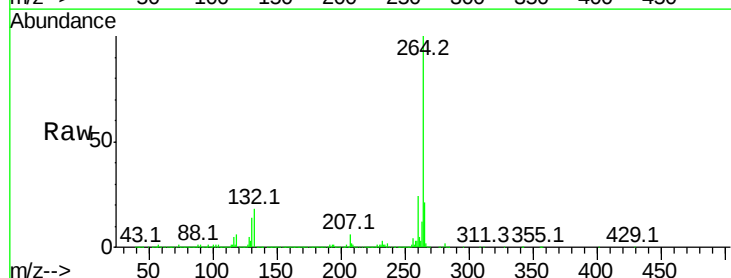
Tgt Ion:264 Resp: 981869

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.0 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

