

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027340.D
 Acq On : 9 Jun 2017 6:55
 Operator : SJ/MA
 Sample : I3460-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 07:35:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	47153	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	220158	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	144443	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	355822	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	403516	20.00	ng	-0.04
86) Perylene-d12	25.96	264	373173	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	237452	76.84	ng	-0.02
7) Phenol-d6	7.69	99	218397	48.15	ng	-0.02
23) Nitrobenzene-d5	9.72	82	423254	120.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	347135	182.50	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	994516	96.32	ng	-0.03
78) Terphenyl-d14	20.46	244	1706664	107.89	ng	-0.03

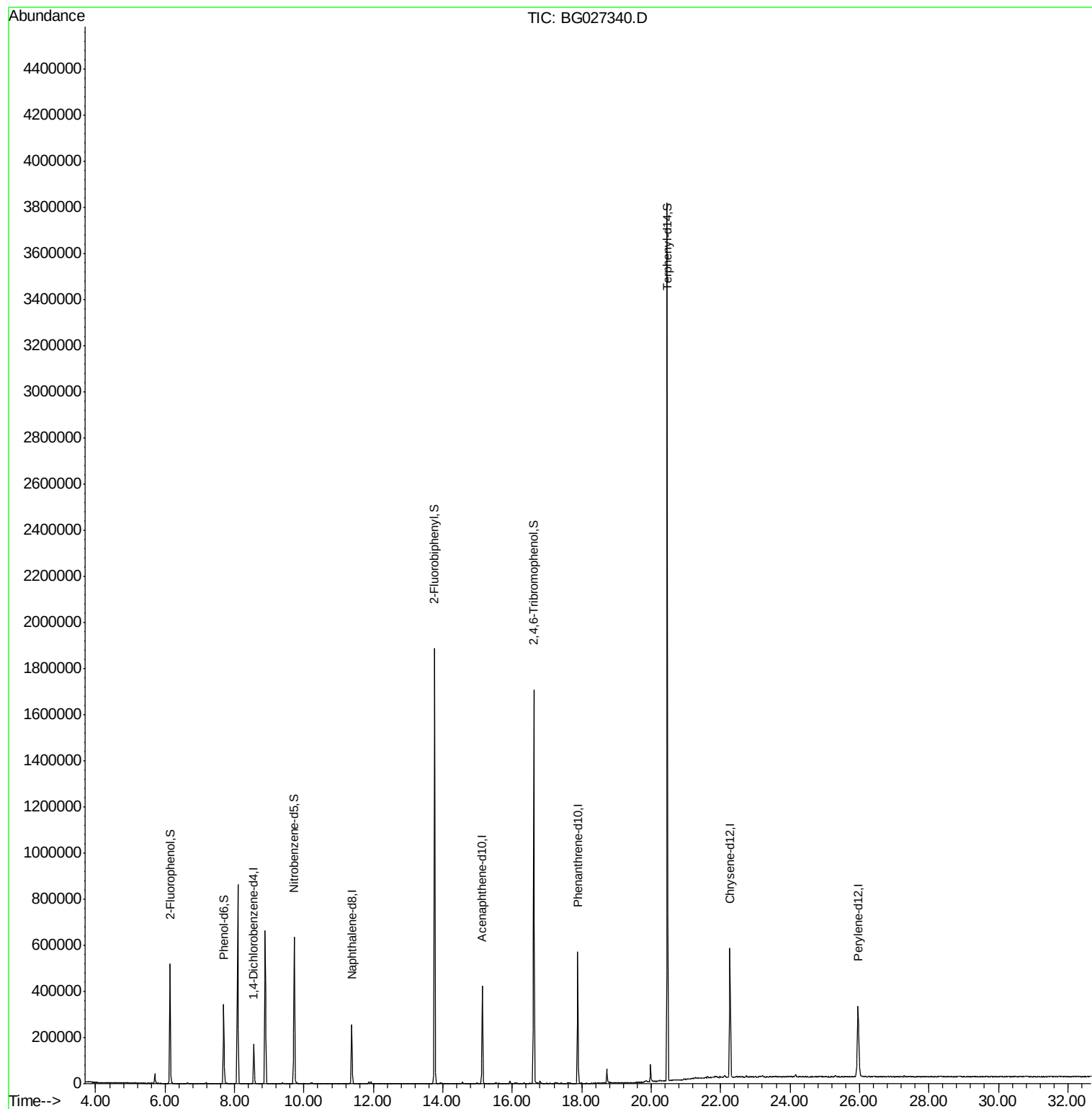
Target Compounds Qvalue

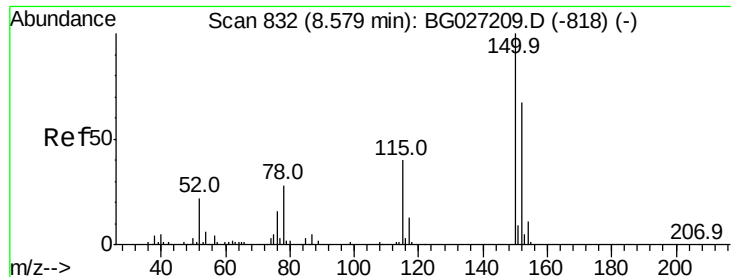
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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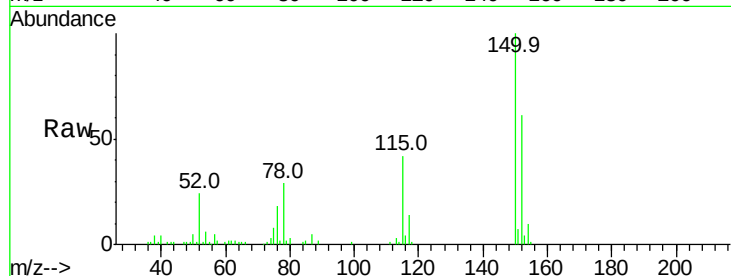


#1

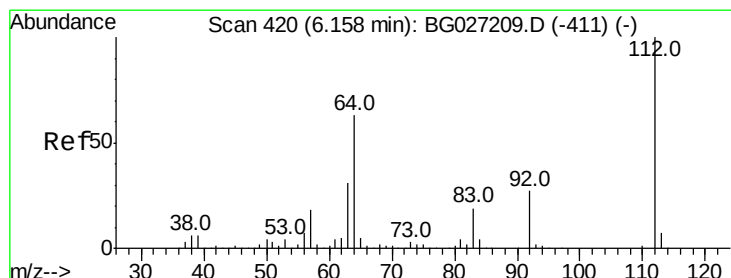
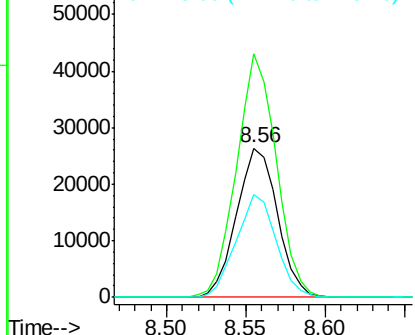
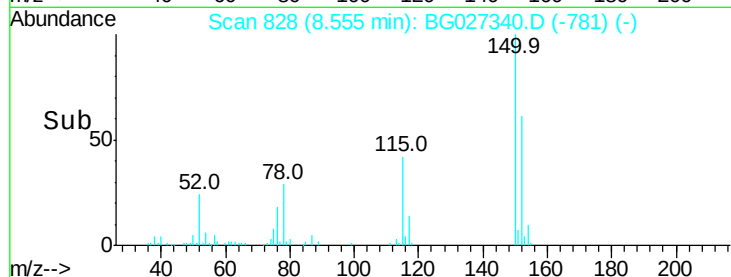
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027340.D
Acq: 9 Jun 2017 6:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 47153
Ion Ratio Lower Upper
152 100
150 163.5 114.0 171.0
115 69.0 48.1 72.1



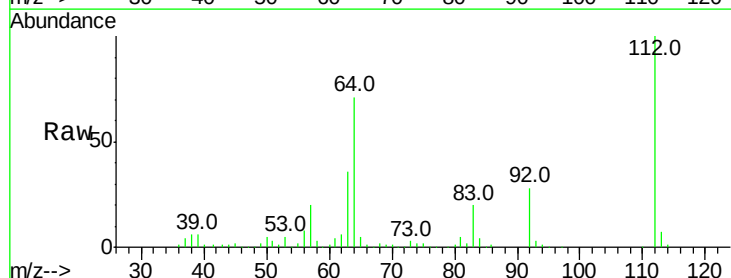
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



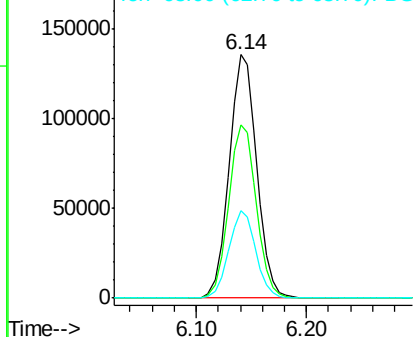
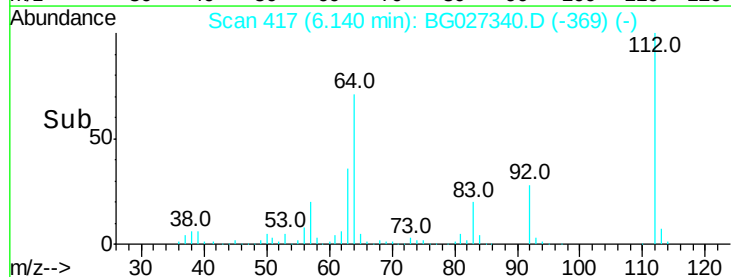
#5

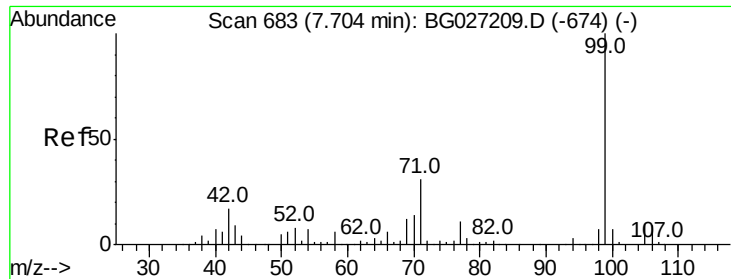
2-Fluorophenol
Concen: 76.84 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027340.D
Acq: 9 Jun 2017 6:55

Tgt Ion:112 Resp: 237452
Ion Ratio Lower Upper
112 100
64 71.3 61.8 92.6
63 35.9 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: 48.15 ng

RT: 7.69 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027340.D

Acq: 9 Jun 2017 6:55

Instrument :

BNA_G

ClientSampleId :

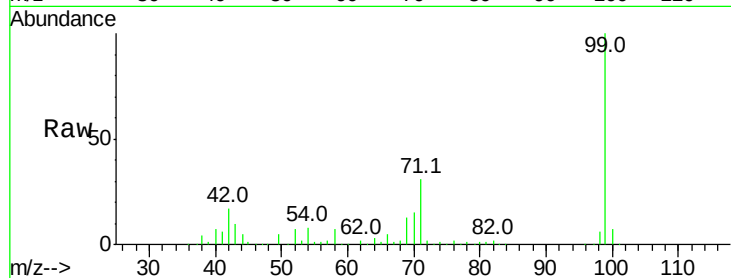
Tot Ion: 99 Resp: 218397

Ion Ratio Lower Upper

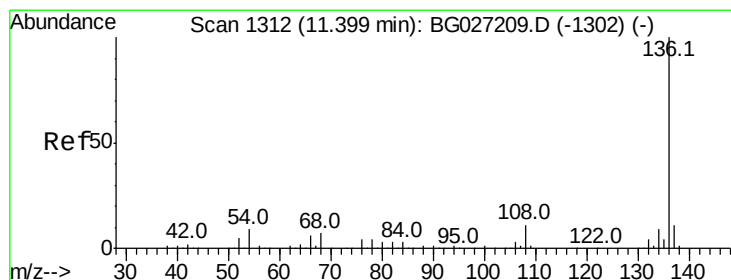
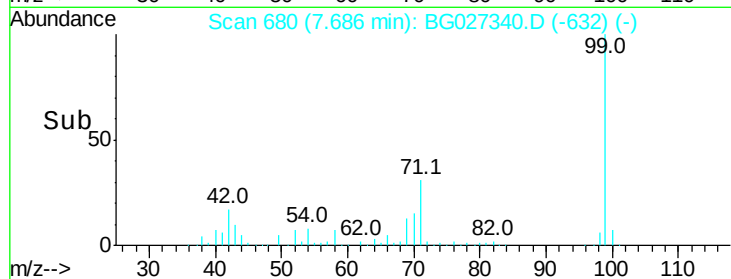
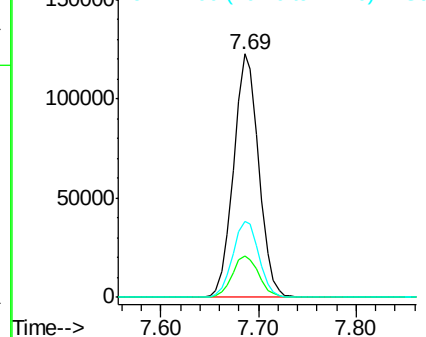
99 100

42 16.9 20.5 30.7#

71 31.3 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: 11.38 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG027340.D

Acq: 9 Jun 2017 6:55

Tgt Ion: 136 Resp: 220158

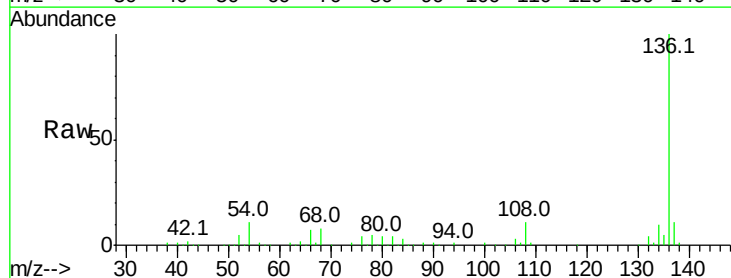
Ion Ratio Lower Upper

136 100

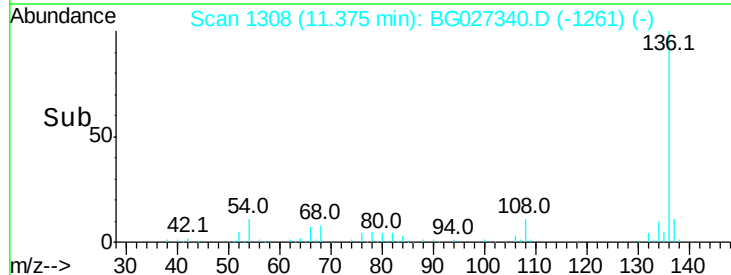
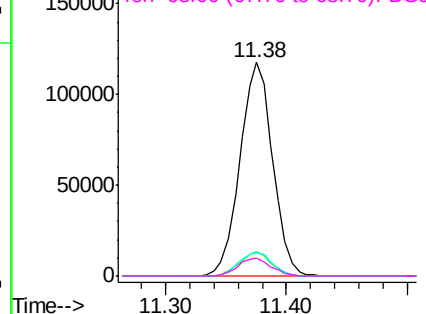
137 11.4 8.9 13.3

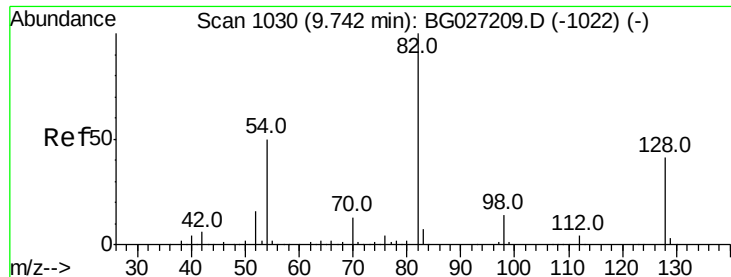
54 10.5 9.3 13.9

68 8.5 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

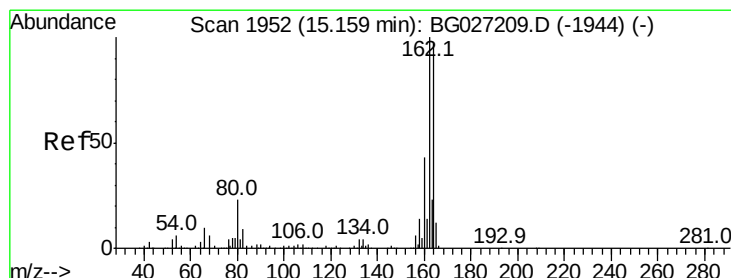
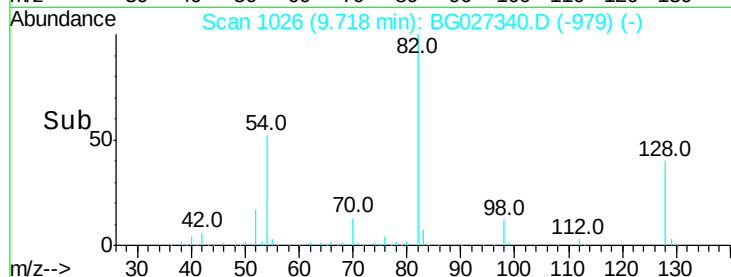
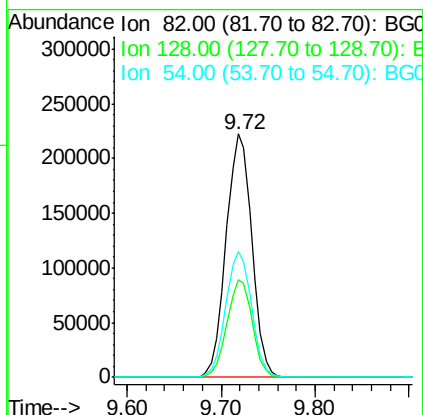
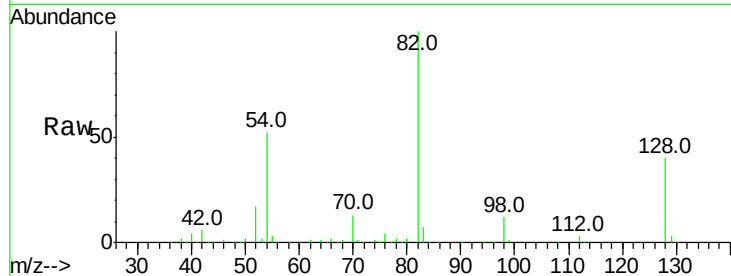




#23
 Nitrobenzene-d5
 Concen: 120.91 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027340.D
 Acq: 9 Jun 2017 6:55

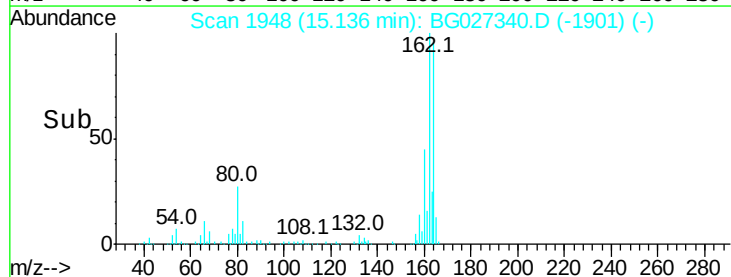
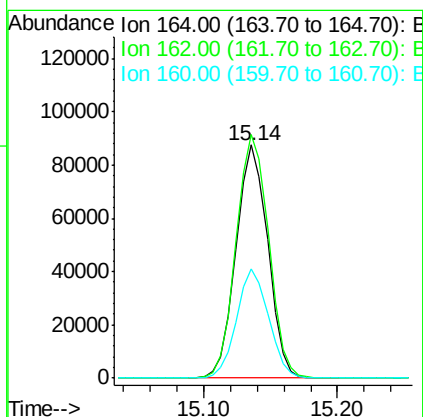
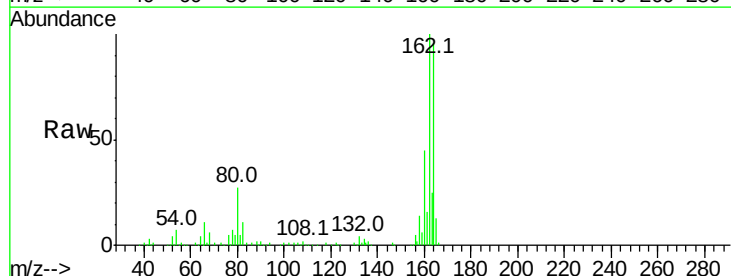
Instrument :
 BNA_G
 ClientSampled :

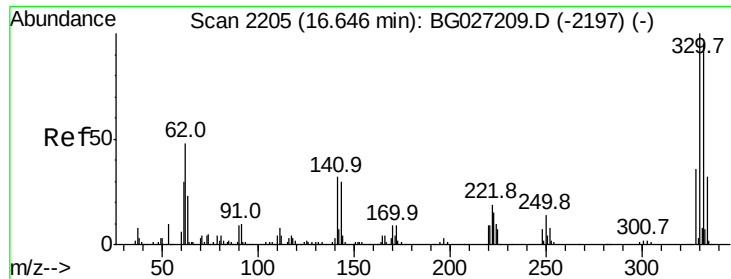
Tot Ion	82	Resp	423254
Ion	Ratio	Lower	Upper
82	100		
128	39.9	26.4	39.6
54	51.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1948
 Delta R.T. -0.02 min
 Lab File: BG027340.D
 Acq: 9 Jun 2017 6:55

Tgt Ion	164	Resp	144443
Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	46.6	34.7	52.1

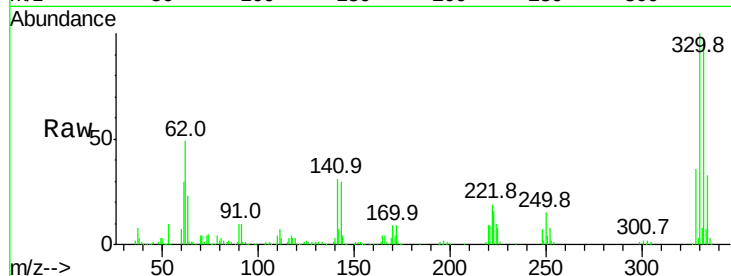




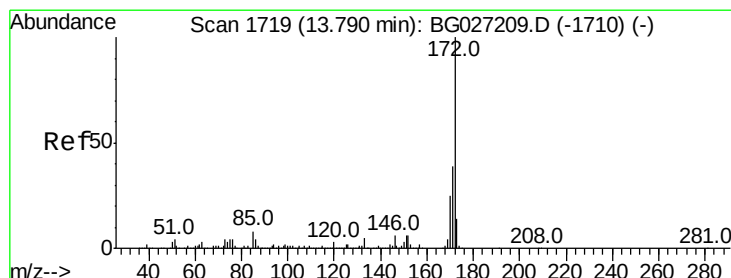
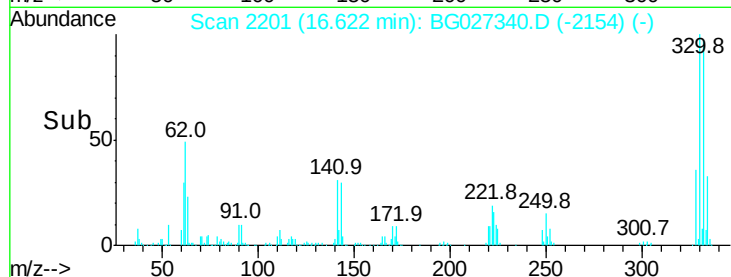
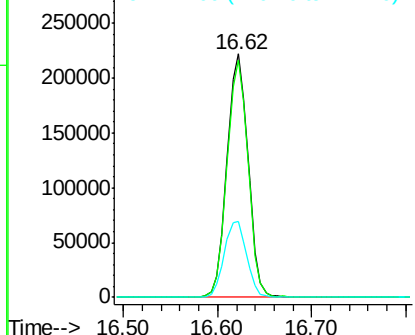
#41
 2,4,6-Tribromophenol
 Concen: 182.50 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027340.D
 Acq: 9 Jun 2017 6:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.4	32.1	48.1

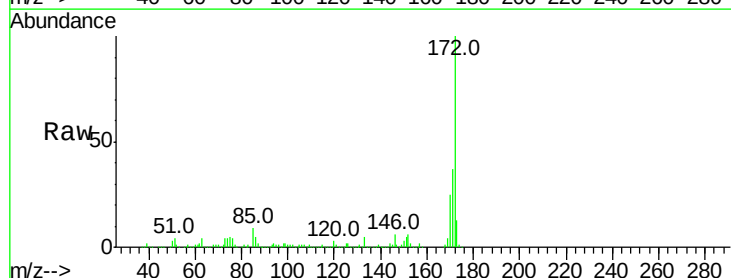


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

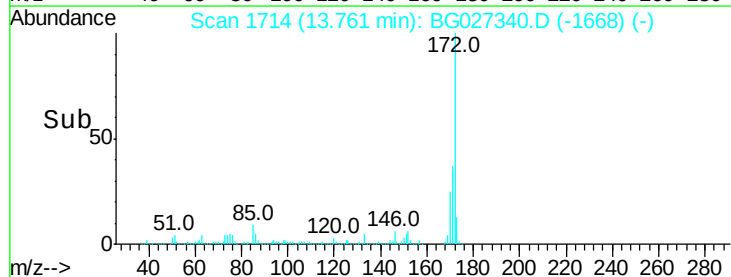
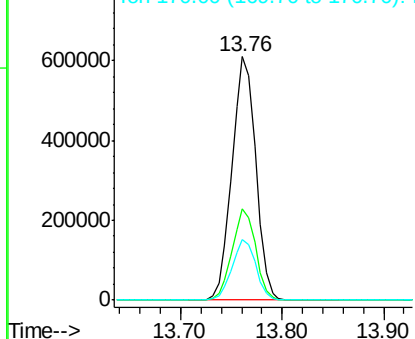


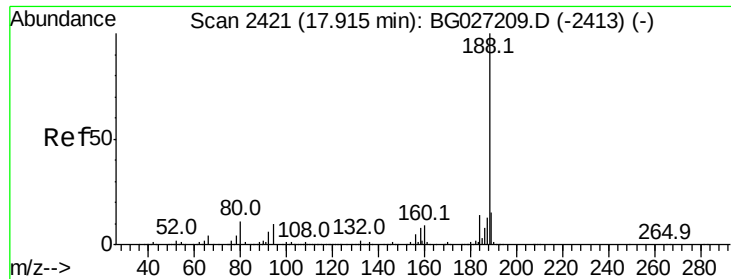
#44
 2-Fluorobiphenyl
 Concen: 96.32 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027340.D
 Acq: 9 Jun 2017 6:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.6	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

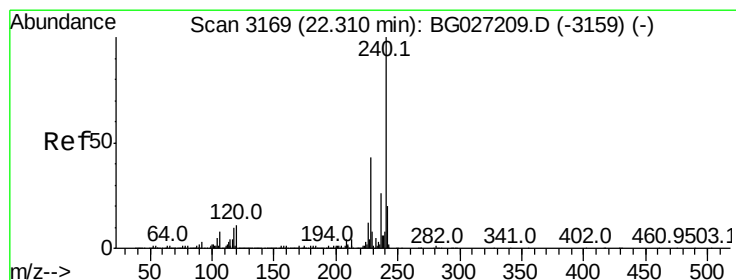
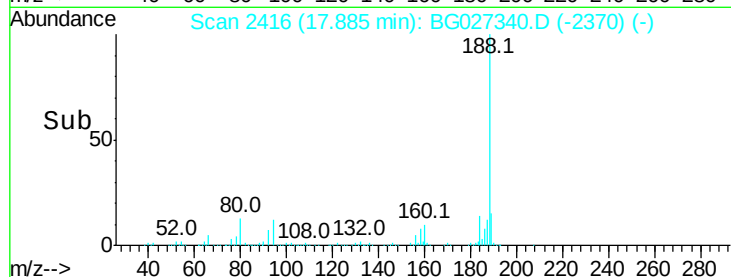
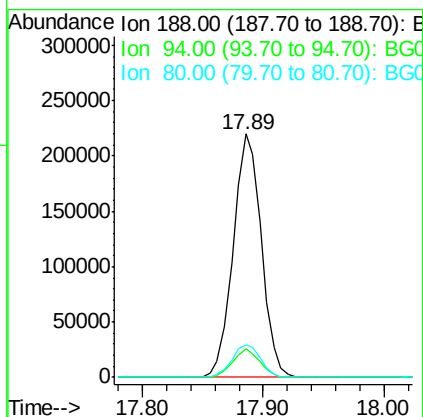
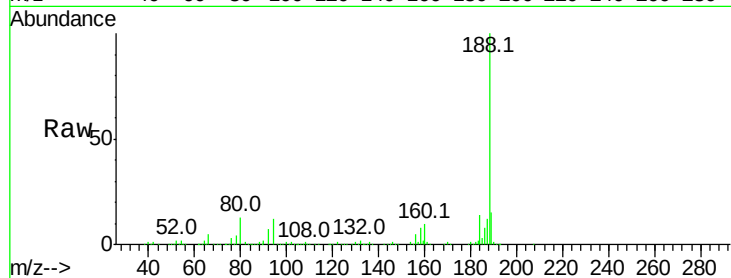




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027340.D
Acq: 9 Jun 2017 6:55

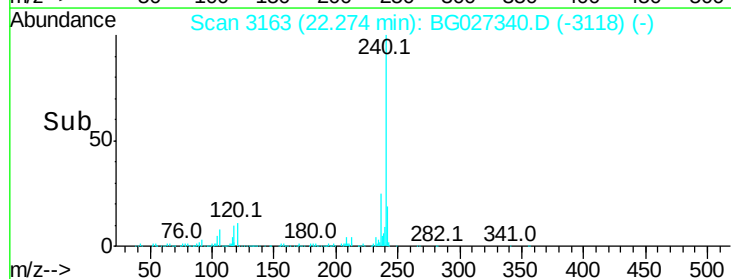
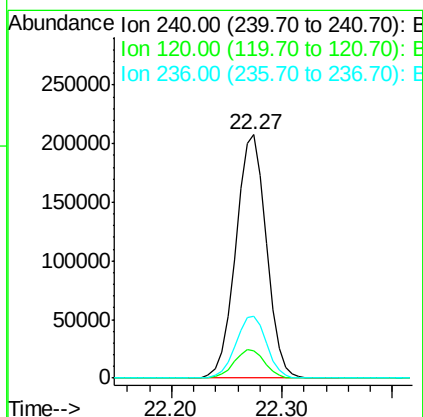
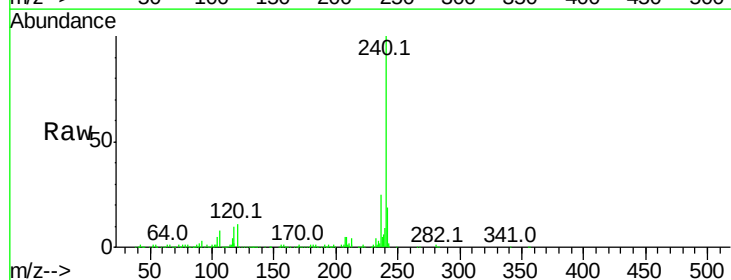
Instrument :
BNA_G
ClientSampled :

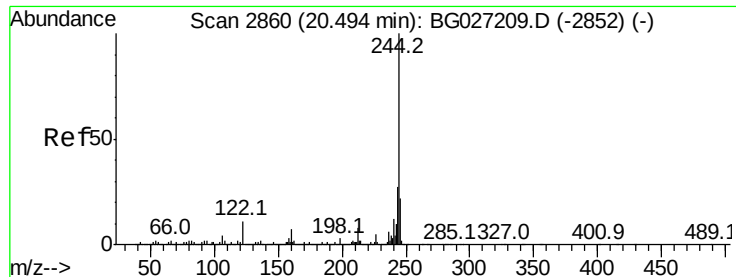
Tot Ion:188 Resp: 355822
Ion Ratio Lower Upper
188 100
94 11.9 5.8 8.8#
80 13.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027340.D
Acq: 9 Jun 2017 6:55

Tgt Ion:240 Resp: 403516
Ion Ratio Lower Upper
240 100
120 11.0 5.7 8.5#
236 25.3 22.2 33.4





#78

Terphenyl-d14

Concen: 107.89 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027340.D

Acq: 9 Jun 2017 6:55

Instrument :

BNA_G

ClientSampleId :

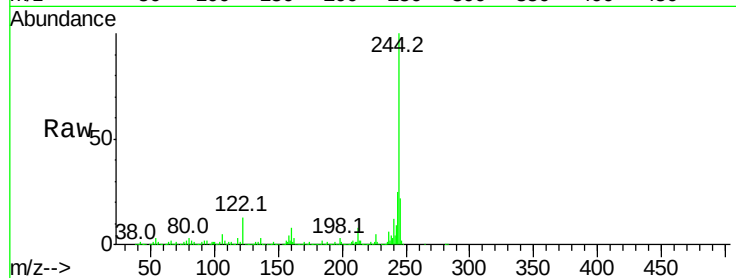
Tot Ion:244 Resp: 1706664

Ion Ratio Lower Upper

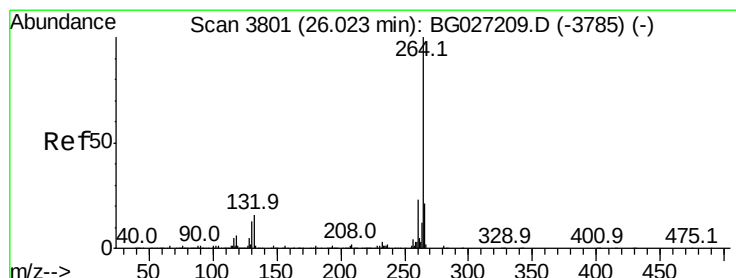
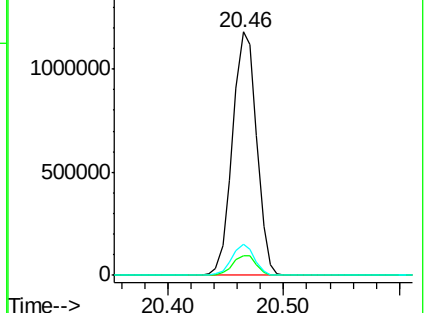
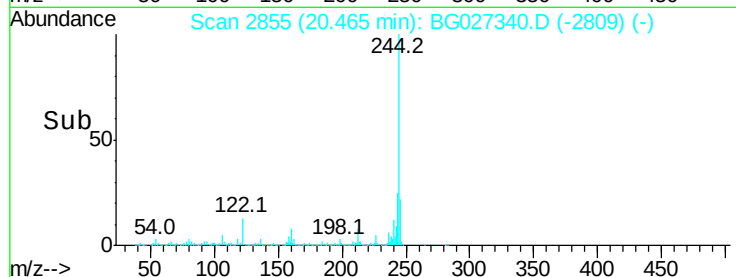
244 100

212 8.1 10.0 15.0#

122 12.6 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: 25.96 min Scan# 3790

Delta R.T. -0.06 min

Lab File: BG027340.D

Acq: 9 Jun 2017 6:55

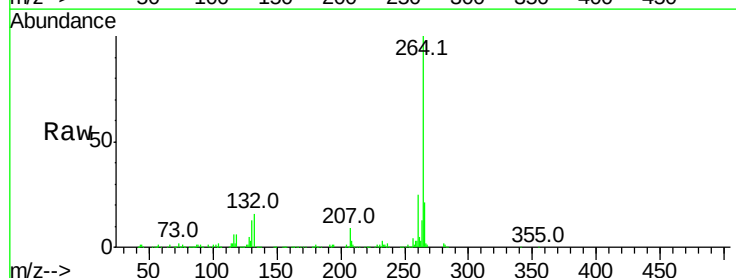
Tgt Ion:264 Resp: 373173

Ion Ratio Lower Upper

264 100

260 25.0 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

