

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027258.D
 Acq On : 6 Jun 2017 20:49
 Operator : SJ/MA
 Sample : PB99501BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 05:17:24 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	50985	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	233749	20.00	ng	-0.01
38) Acenaphthene-d10	15.14	164	149154	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	372196	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	416424	20.00	ng	-0.03
86) Perylene-d12	25.98	264	390601	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	492265	147.33	ng	0.00
7) Phenol-d6	7.69	99	671689	136.95	ng	0.00
23) Nitrobenzene-d5	9.73	82	357446	96.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	288647	146.96	ng	-0.01
44) 2-Fluorobiphenyl	13.77	172	921628	86.44	ng	-0.02
78) Terphenyl-d14	20.47	244	1474283	90.31	ng	-0.02

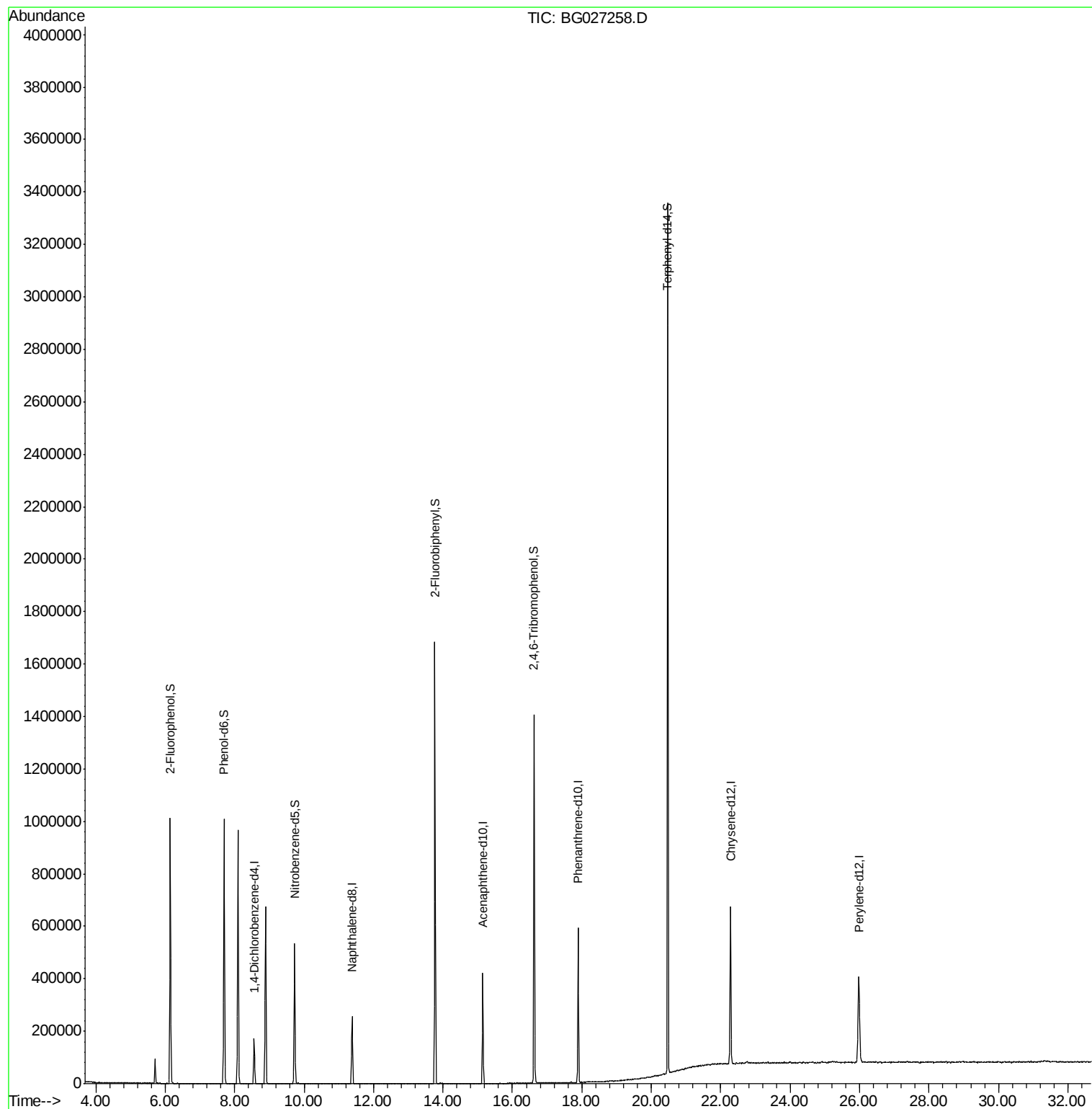
Target Compounds Qvalue

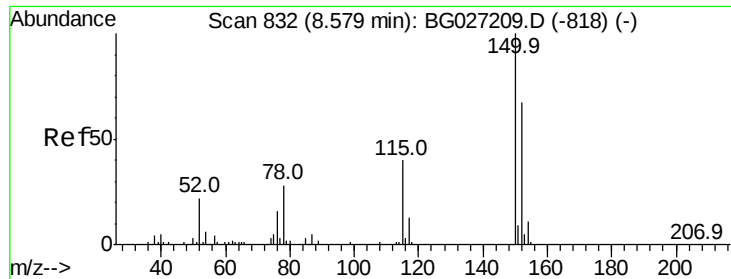
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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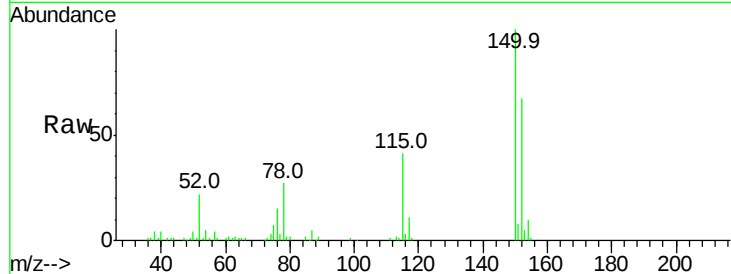


#1

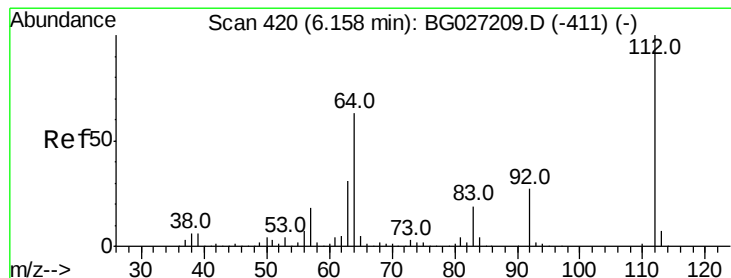
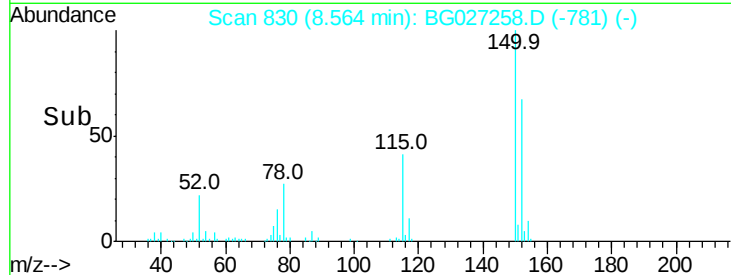
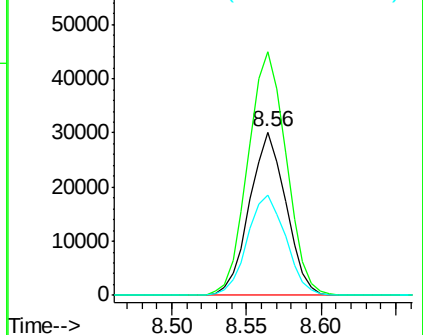
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027258.D
Acq: 6 Jun 2017 20:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	114.0	171.0
115	61.8	48.1	72.1



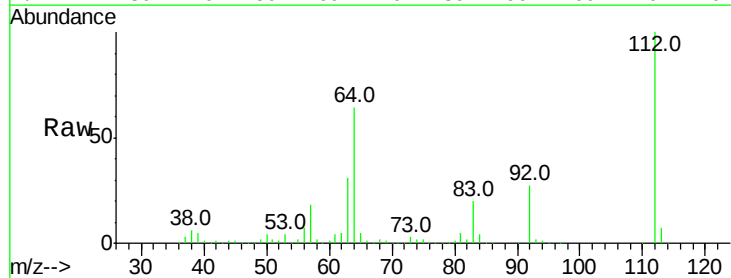
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



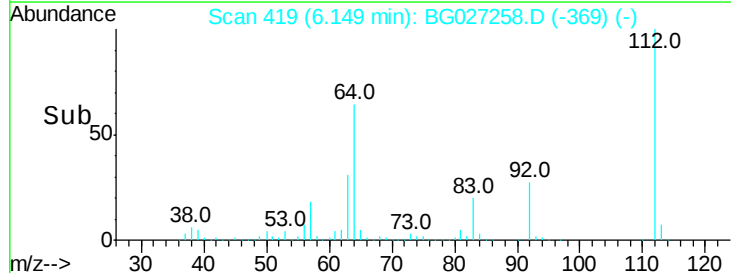
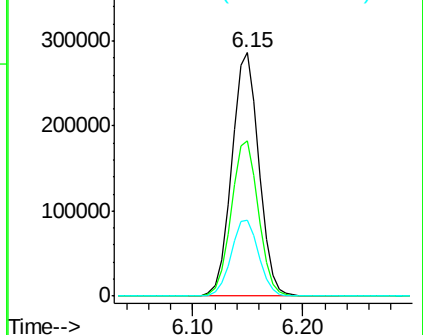
#5

2-Fluorophenol
Concen: 147.33 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027258.D
Acq: 6 Jun 2017 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	61.8	92.6
63	31.3	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: 136.95 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027258.D

Acq: 6 Jun 2017 20:49

Instrument :

BNA_G

ClientSampleId :

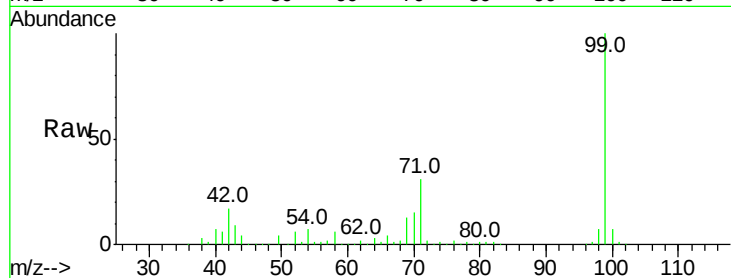
Tot Ion: 99 Resp: 671689

Ion Ratio Lower Upper

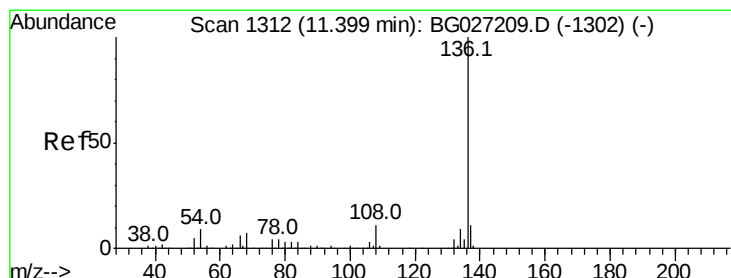
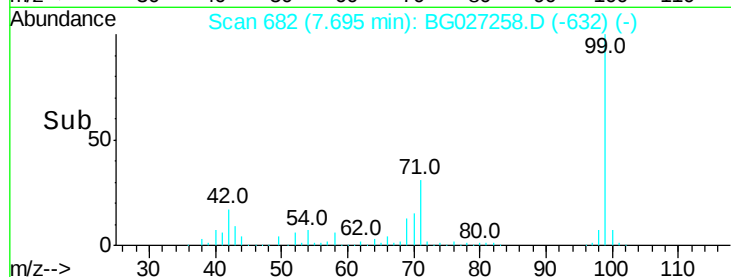
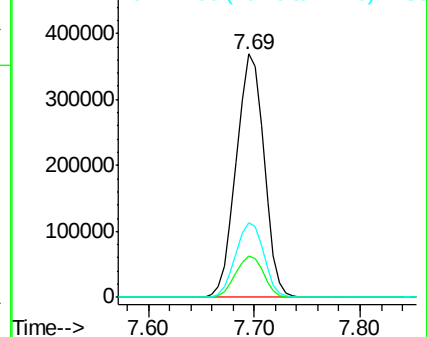
99 100

42 16.7 20.5 30.7#

71 30.9 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# 1310

Delta R.T. -0.01 min

Lab File: BG027258.D

Acq: 6 Jun 2017 20:49

Tgt Ion: 136 Resp: 233749

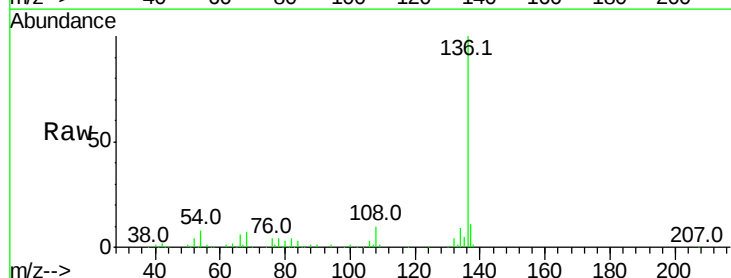
Ion Ratio Lower Upper

136 100

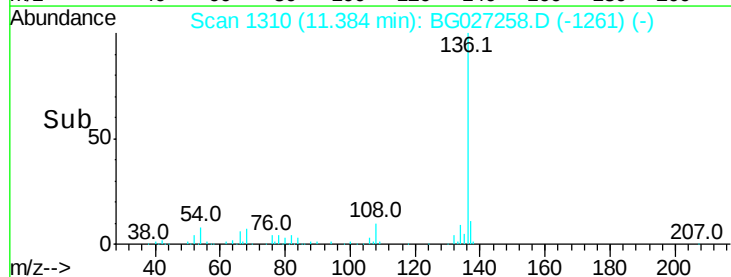
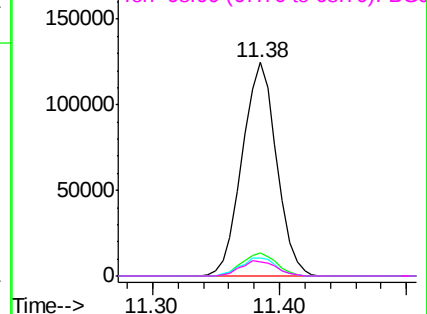
137 10.6 8.9 13.3

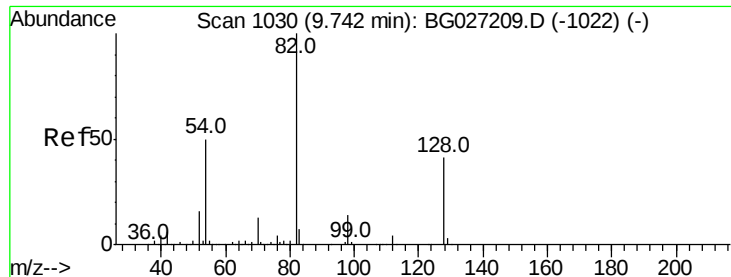
54 8.4 9.3 13.9#

68 6.9 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

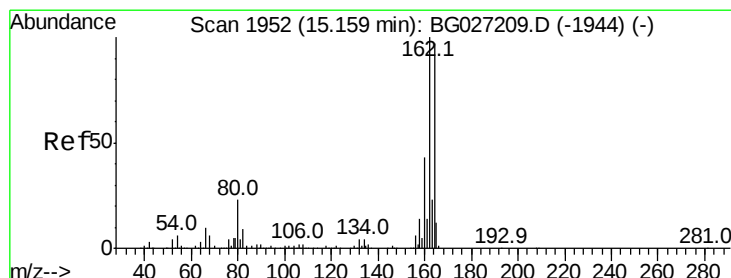
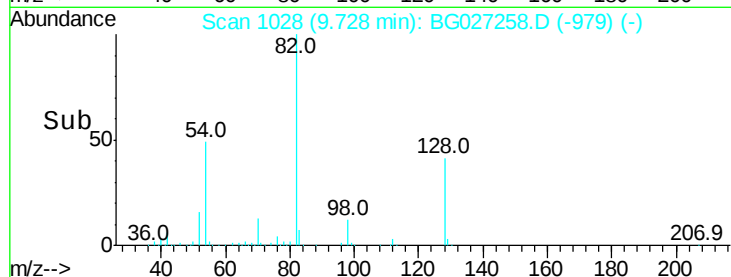
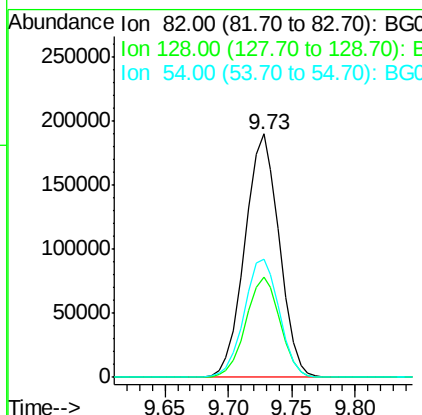
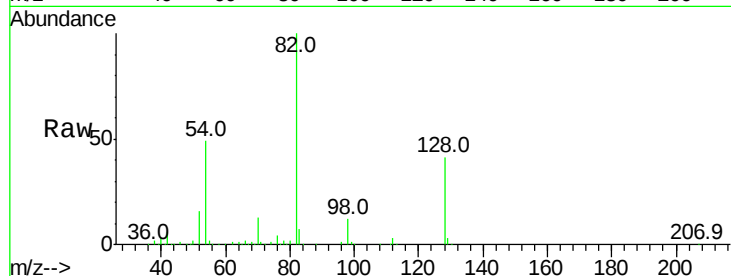




#23
 Nitrobenzene-d5
 Concen: 96.17 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027258.D
 Acq: 6 Jun 2017 20:49

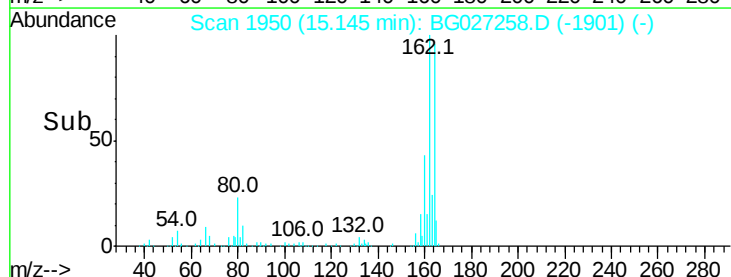
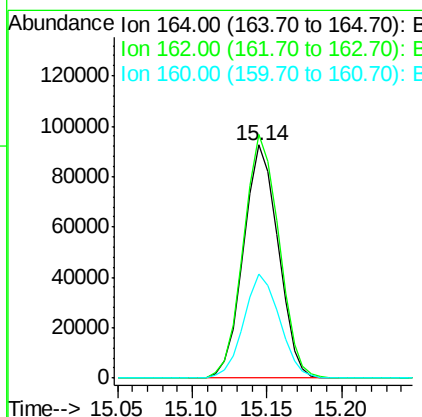
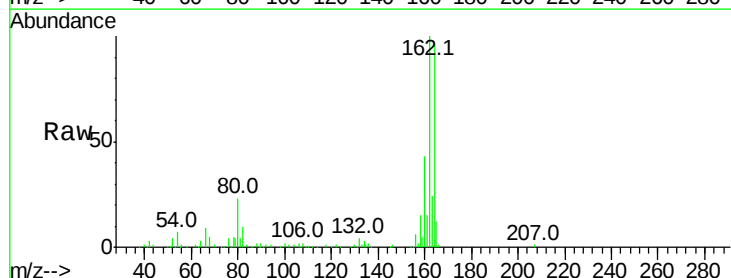
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 357446
 Ion Ratio Lower Upper
 82 100
 128 41.2 26.4 39.6#
 54 48.7 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027258.D
 Acq: 6 Jun 2017 20:49

Tgt Ion:164 Resp: 149154
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.1 127.7
 160 44.8 34.7 52.1

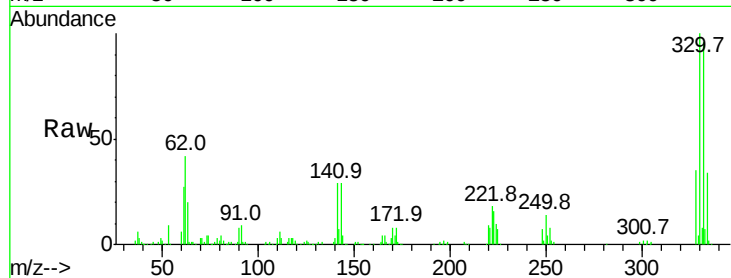




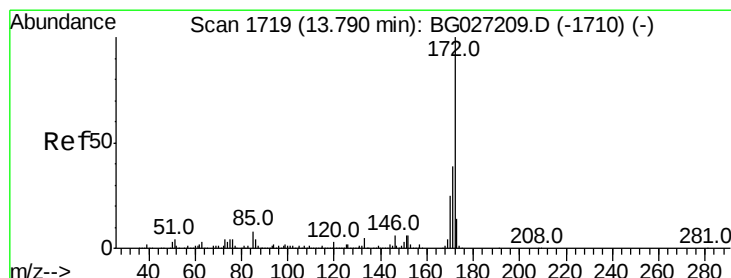
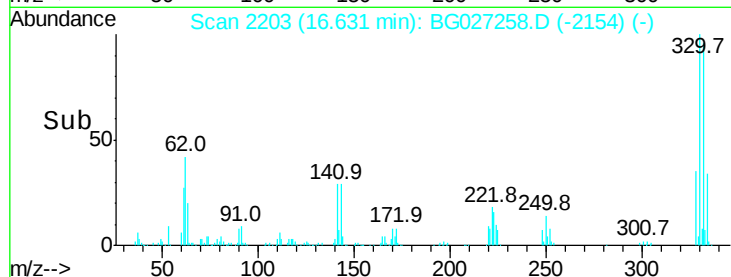
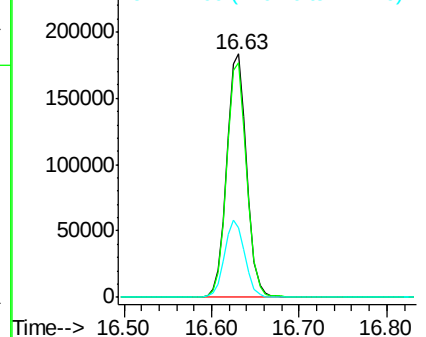
#41
 2,4,6-Tribromophenol
 Concen: 146.96 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027258.D
 Acq: 6 Jun 2017 20:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.4	32.1	48.1

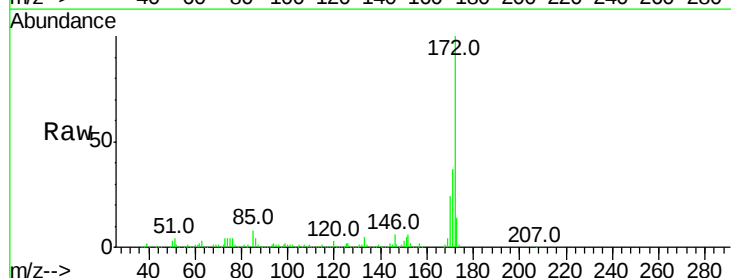


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

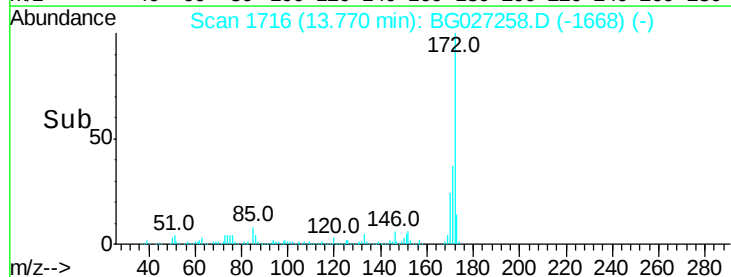
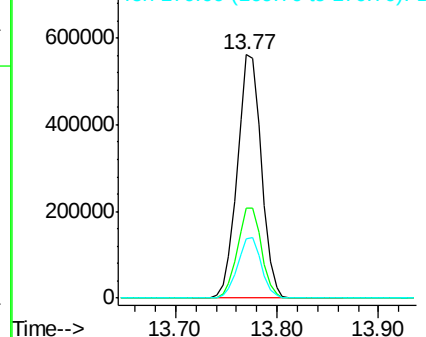


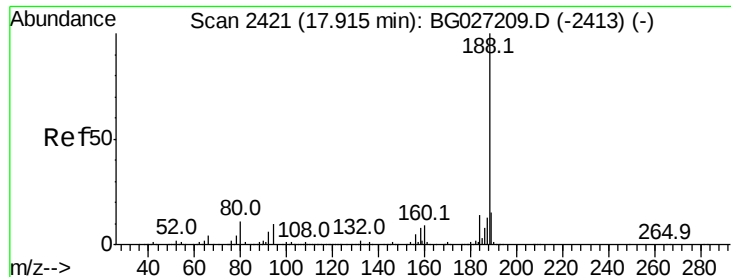
#44
 2-Fluorobiphenyl
 Concen: 86.44 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027258.D
 Acq: 6 Jun 2017 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.2	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

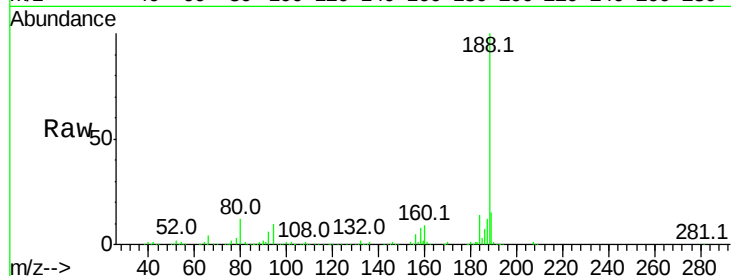




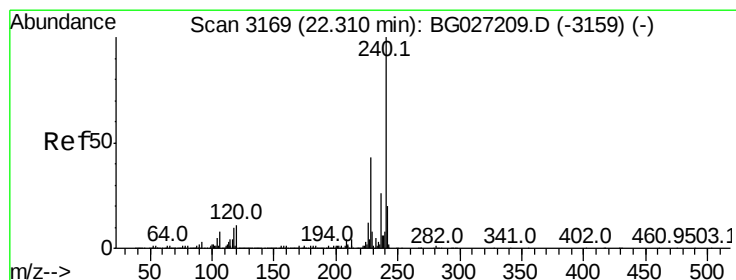
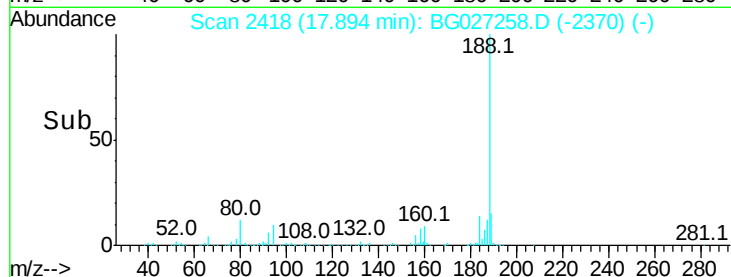
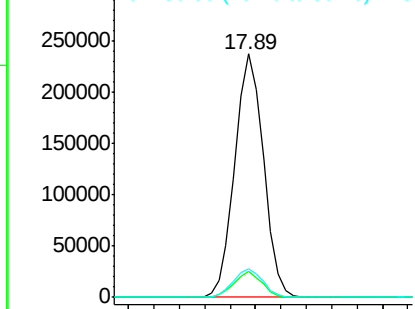
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027258.D
Acq: 6 Jun 2017 20:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 372196
Ion Ratio Lower Upper
188 100
94 10.5 5.8 8.8#
80 11.5 7.5 11.3#

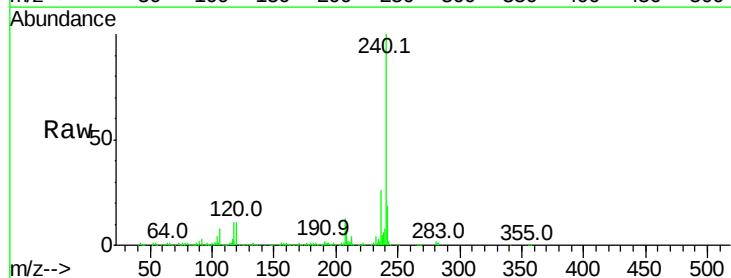


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

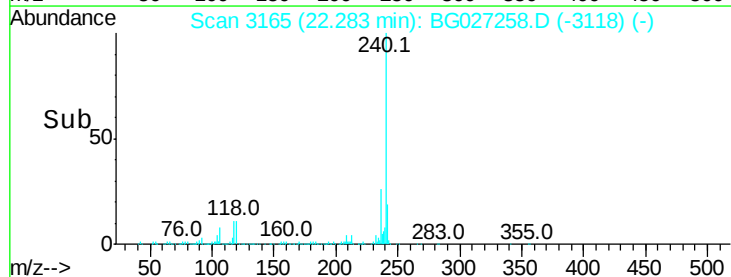
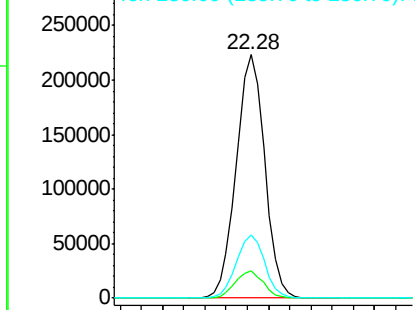


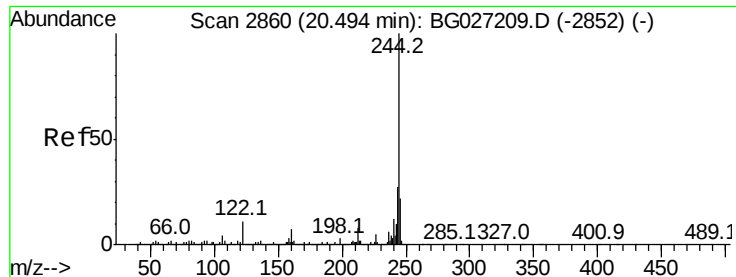
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.28 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG027258.D
Acq: 6 Jun 2017 20:49

Tgt Ion:240 Resp: 416424
Ion Ratio Lower Upper
240 100
120 11.2 5.7 8.5#
236 26.2 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: 90.31 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027258.D

Acq: 6 Jun 2017 20:49

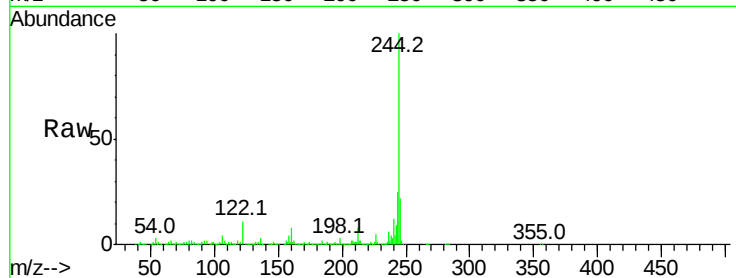
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1474283

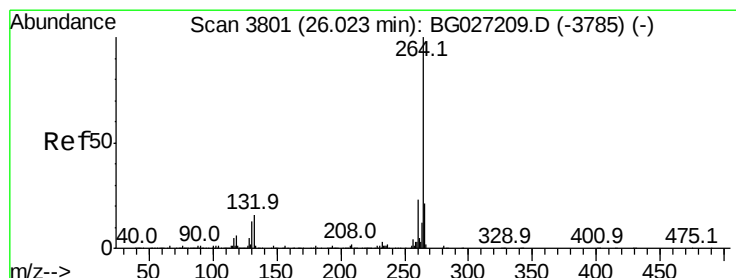
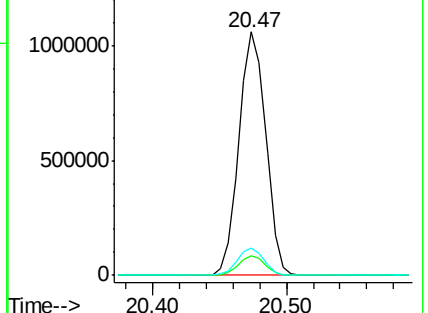
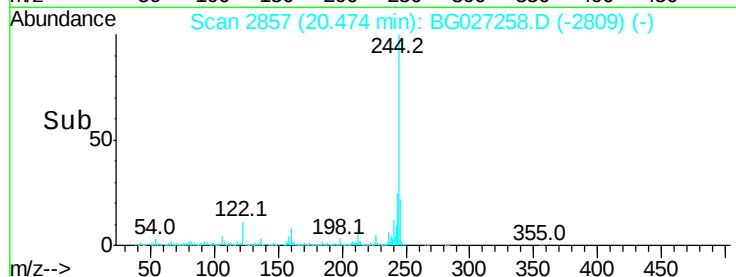
Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	11.4	8.6	12.8



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: 25.98 min Scan# 3794

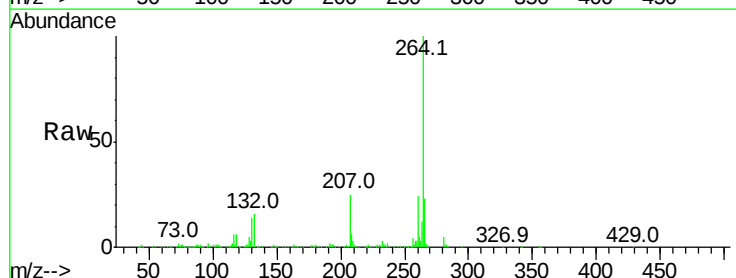
Delta R.T. -0.04 min

Lab File: BG027258.D

Acq: 6 Jun 2017 20:49

Tgt Ion:264 Resp: 390601

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.6	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

