

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027254.D
 Acq On : 6 Jun 2017 18:12
 Operator : SJ/MA
 Sample : PB99498BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99498BL

Quant Time: Jun 07 05:44:24 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	8.57	152	52901	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	254060	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	166615	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	395377	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	419193	20.00	ng	-0.02
86) Perylene-d12	25.98	264	395749	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	577934	166.71	ng	-0.01
7) Phenol-d6	7.70	99	804030	158.00	ng	0.00
23) Nitrobenzene-d5	9.73	82	431069	106.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	344258	156.91	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1112573	93.42	ng	-0.02
78) Terphenyl-d14	20.48	244	1587578	96.61	ng	-0.02

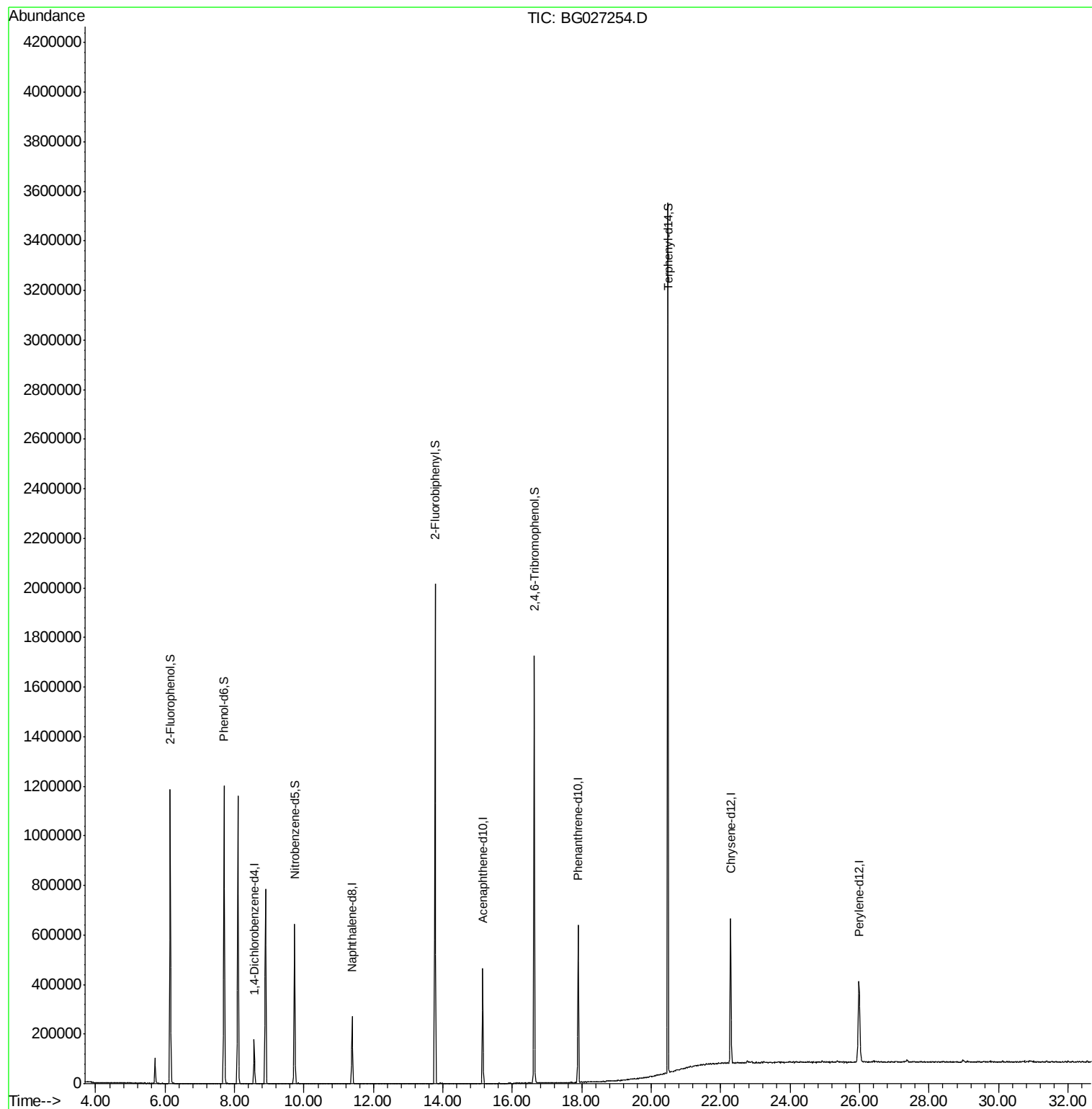
Target Compounds	Qvalue
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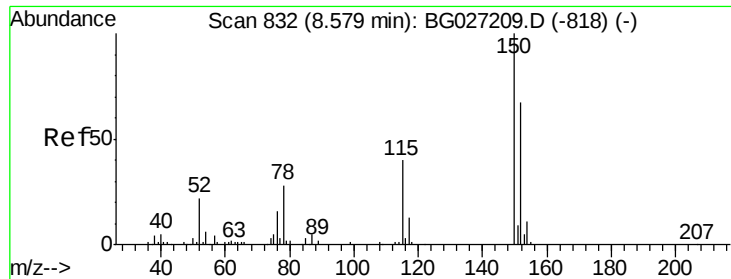
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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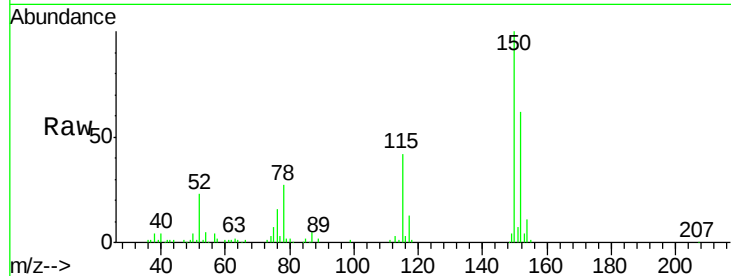


#1

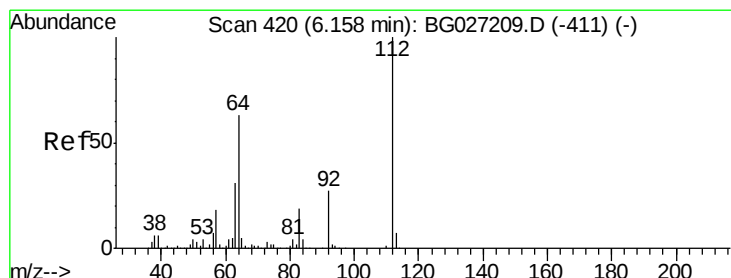
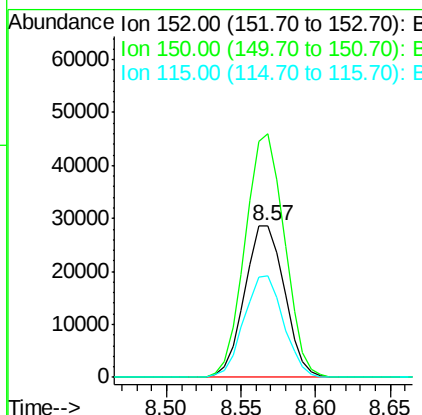
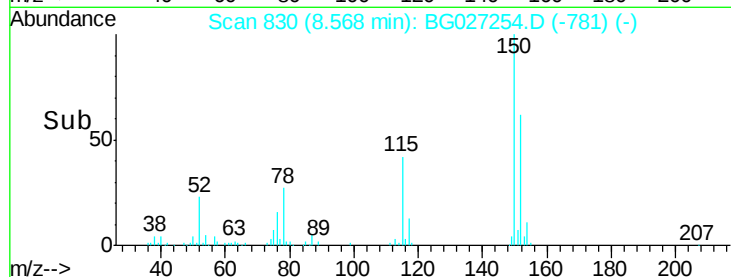
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.57 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027254.D
Acq: 6 Jun 2017 18:12

Instrument :
BNA_G
ClientSampleId :
PB99498BL

Tgt Ion:152 Resp: 52901
Ion Ratio Lower Upper
152 100
150 160.2 114.0 171.0
115 66.7 48.1 72.1



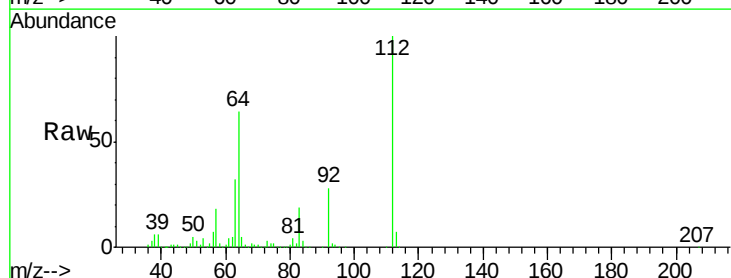
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



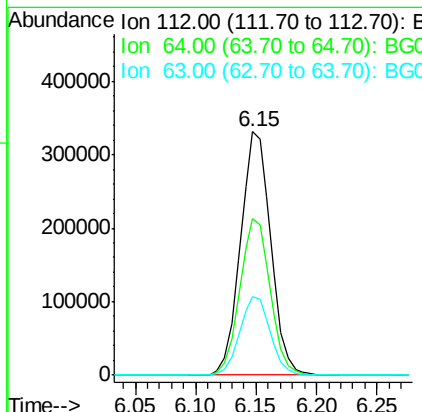
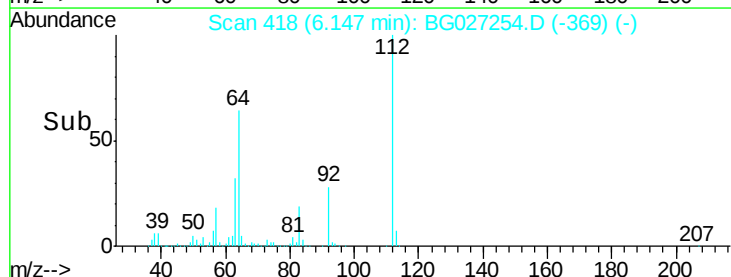
#5

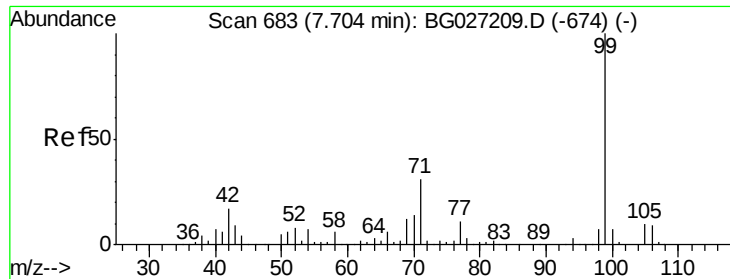
2-Fluorophenol
Concen: 166.709 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027254.D
Acq: 6 Jun 2017 18:12

Tgt Ion:112 Resp: 577934
Ion Ratio Lower Upper
112 100
64 64.2 61.8 92.6
63 32.2 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: 158.001 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB99498BL

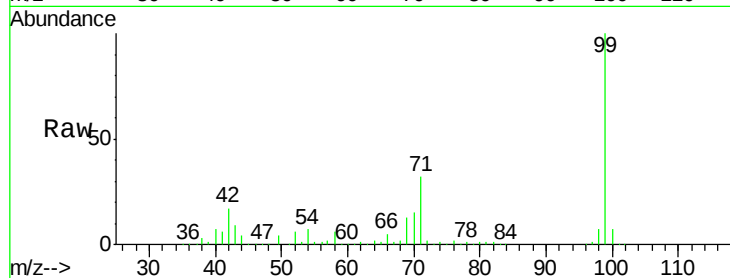
Tgt Ion: 99 Resp: 804030

Ion Ratio Lower Upper

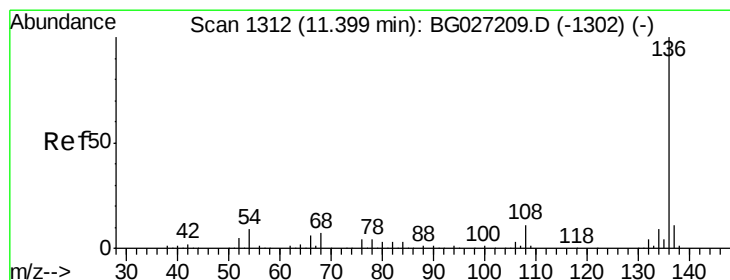
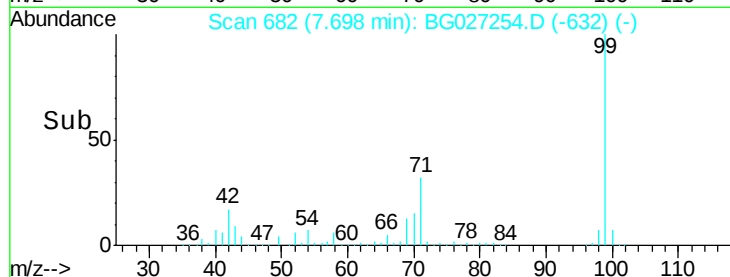
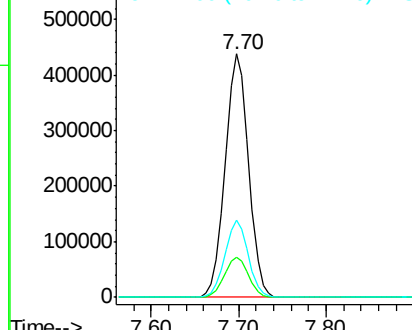
99 100

42 16.6 20.5 30.7#

71 31.6 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: 20.000 ng

RT: 11.39 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

Tgt Ion: 136 Resp: 254060

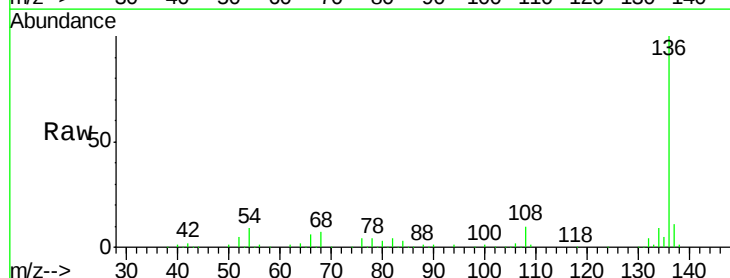
Ion Ratio Lower Upper

136 100

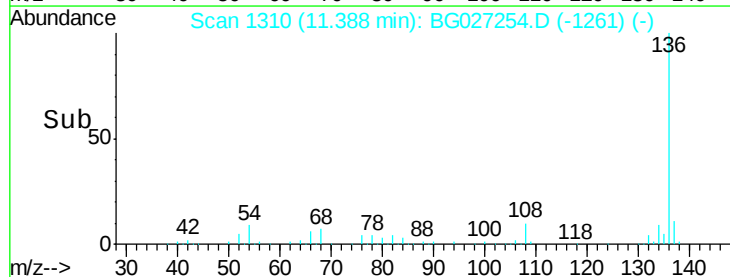
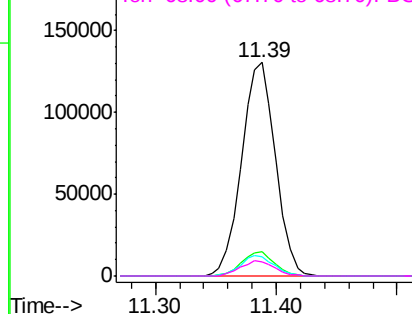
137 11.2 8.9 13.3

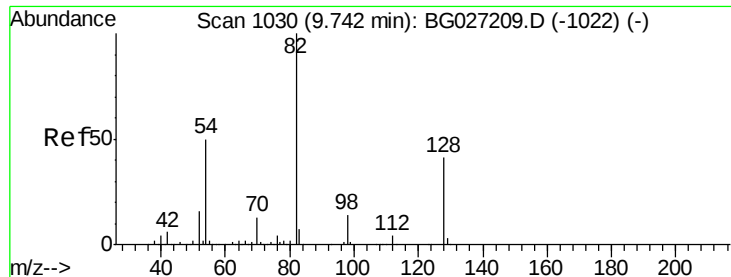
54 8.9 9.3 13.9#

68 6.7 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

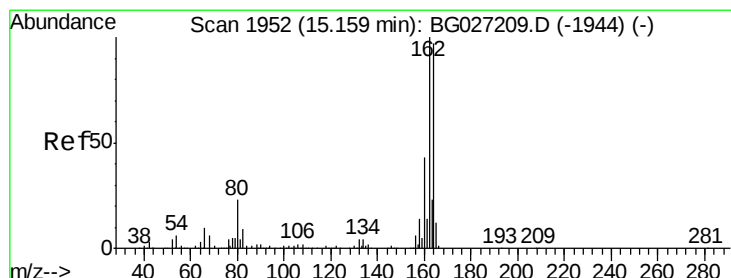
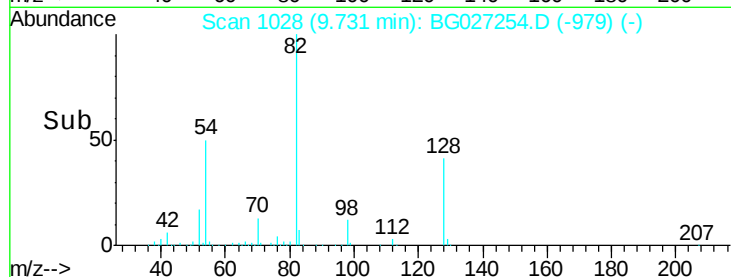
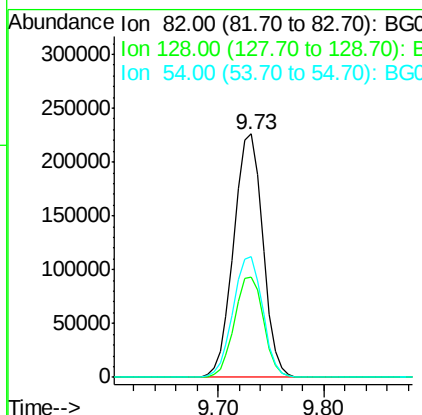
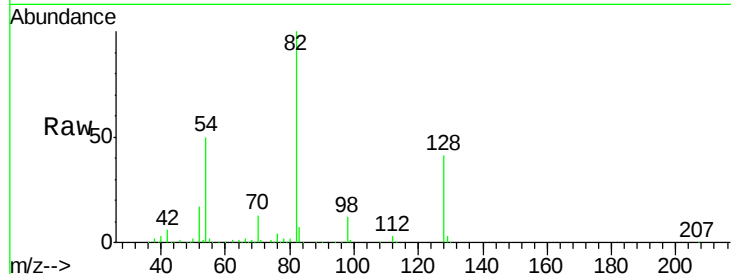




#23
 Nitrobenzene-d5
 Concen: 106.706 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027254.D
 Acq: 6 Jun 2017 18:12

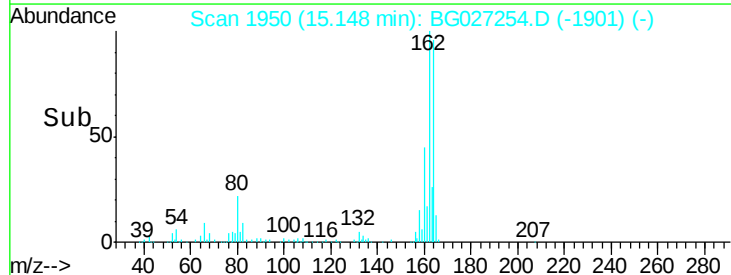
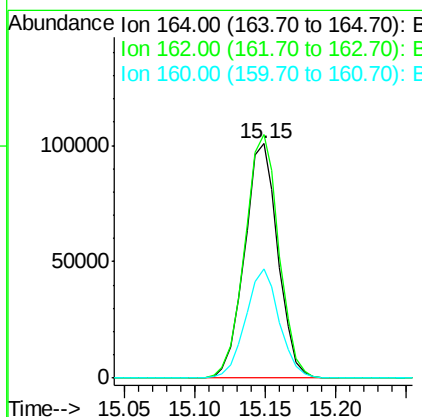
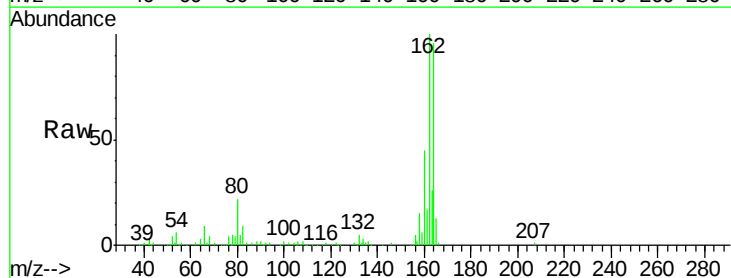
Instrument :
 BNA_G
 ClientSampleId :
 PB99498BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	26.4	39.6
54	49.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.15 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027254.D
 Acq: 6 Jun 2017 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	46.5	34.7	52.1

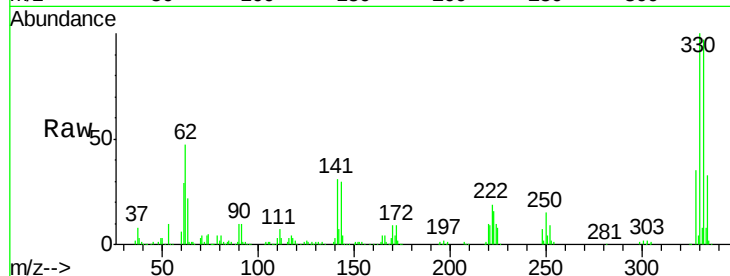




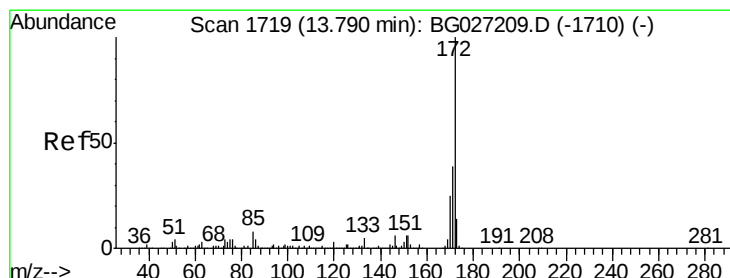
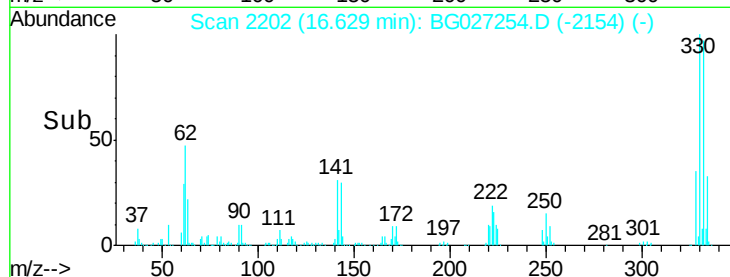
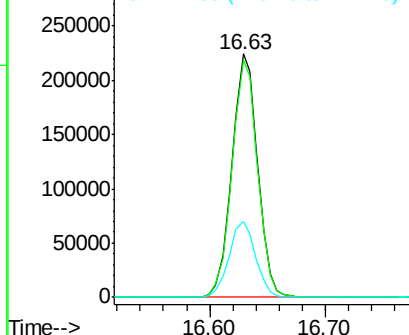
#41
 2,4,6-Tribromophenol
 Concen: 156.907 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027254.D
 Acq: 6 Jun 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :
 PB99498BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	32.4	32.1	48.1

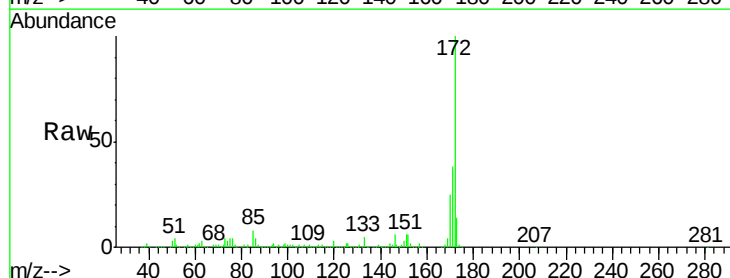


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

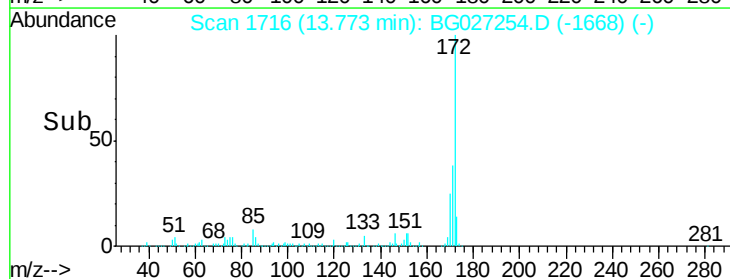
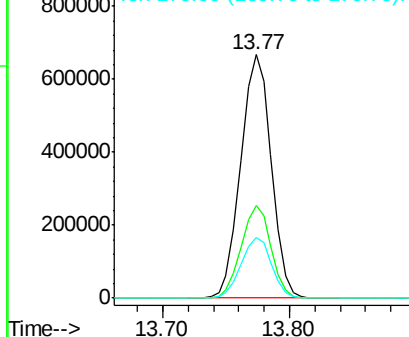


#44
 2-Fluorobiphenyl
 Concen: 93.417 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027254.D
 Acq: 6 Jun 2017 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	25.0	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

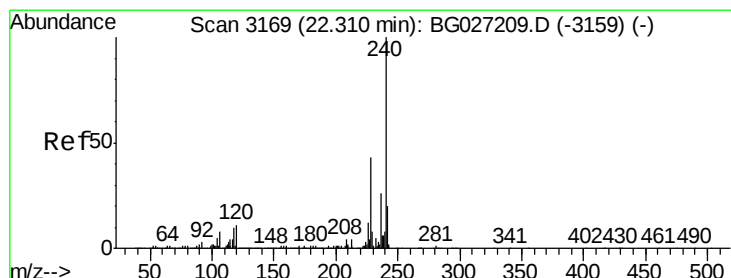
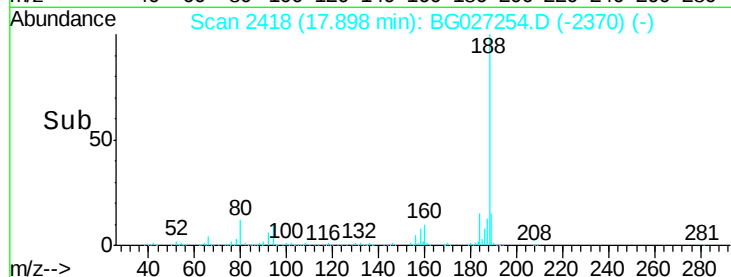
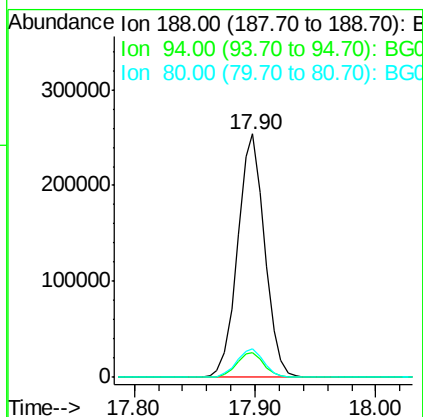
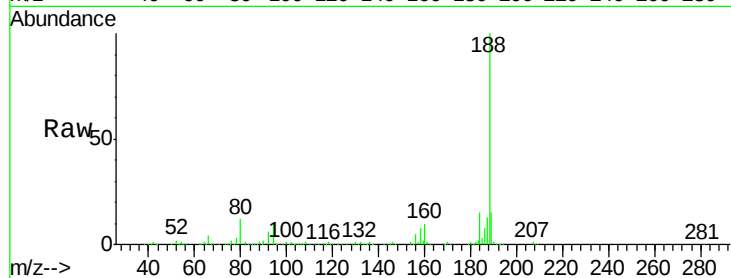




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027254.D
Acq: 6 Jun 2017 18:12

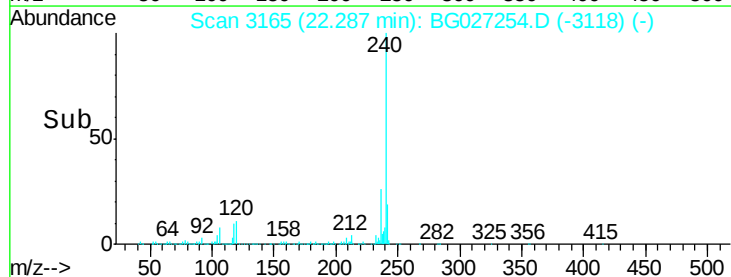
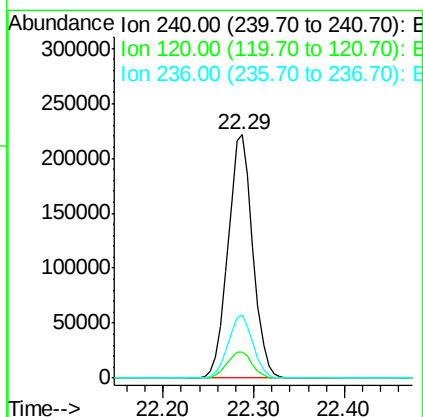
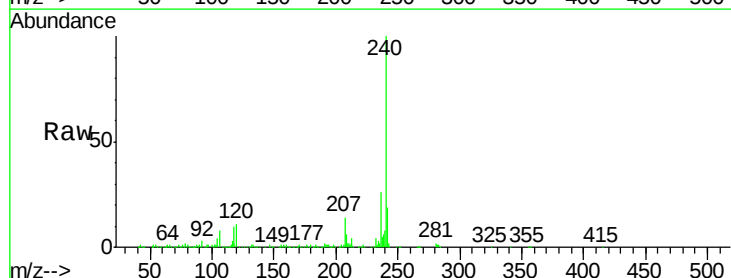
Instrument :
BNA_G
ClientSampleId :
PB99498BL

Tgt Ion:188 Resp: 395377
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.8#
80 11.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.29 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG027254.D
Acq: 6 Jun 2017 18:12

Tgt Ion:240 Resp: 419193
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 96.612 ng

RT: 20.48 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

Instrument :

BNA_G

ClientSampleId :

PB99498BL

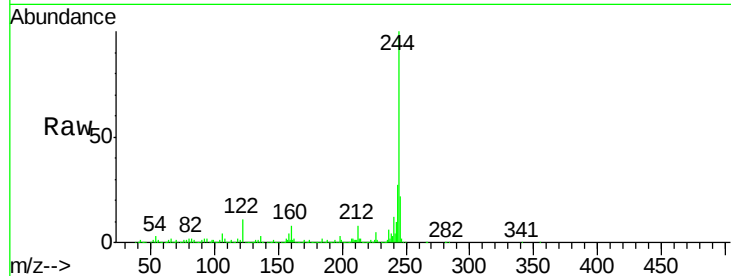
Tgt Ion:244 Resp: 1587578

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

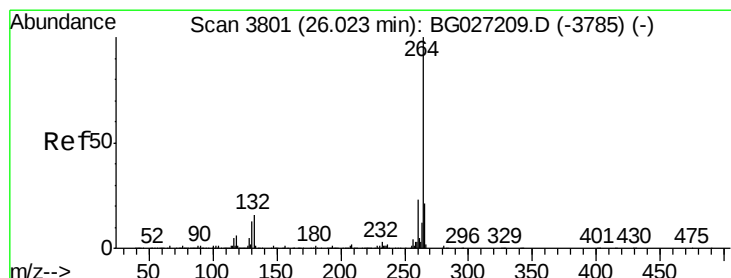
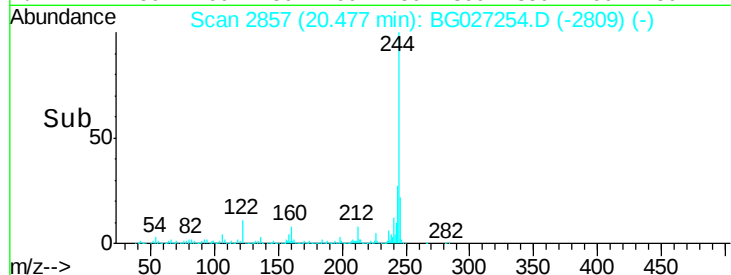
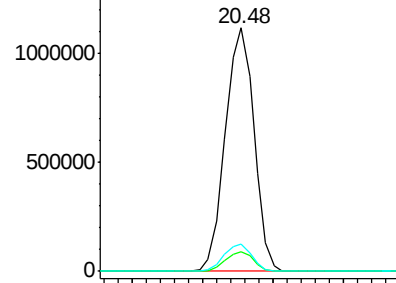
122 11.4 8.6 12.8



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: 20.000 ng

RT: 25.98 min Scan# 3794

Delta R.T. -0.04 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

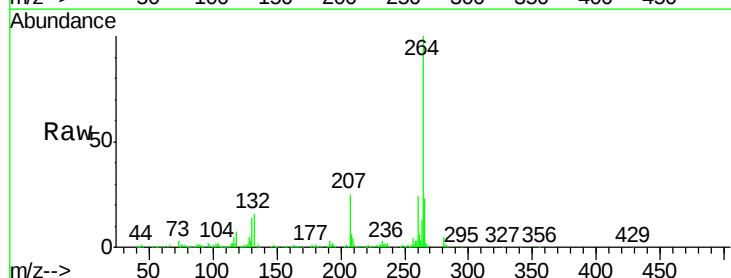
Tgt Ion:264 Resp: 395749

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 22.7 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

