

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027688.D
 Acq On : 26 Jun 2017 23:46
 Operator : SJ/JU
 Sample : I3913-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-062317

Quant Time: Jun 27 02:15:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13456	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	60604	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	41489	20.00	ng	-0.03
63) Phenanthrene-d10	17.82	188	132848	20.00	ng	-0.03
75) Chrysene-d12	22.18	240	150937	20.00	ng	-0.03
86) Perylene-d12	25.80	264	144002	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	96523	102.09	ng	-0.01
7) Phenol-d6	7.63	99	125920	89.96	ng	-0.01
23) Nitrobenzene-d5	9.65	82	87461	68.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	88678	143.37	ng	-0.03
44) 2-Fluorobiphenyl	13.69	172	207222	68.23	ng	-0.03
78) Terphenyl-d14	20.40	244	556287	86.83	ng	-0.02

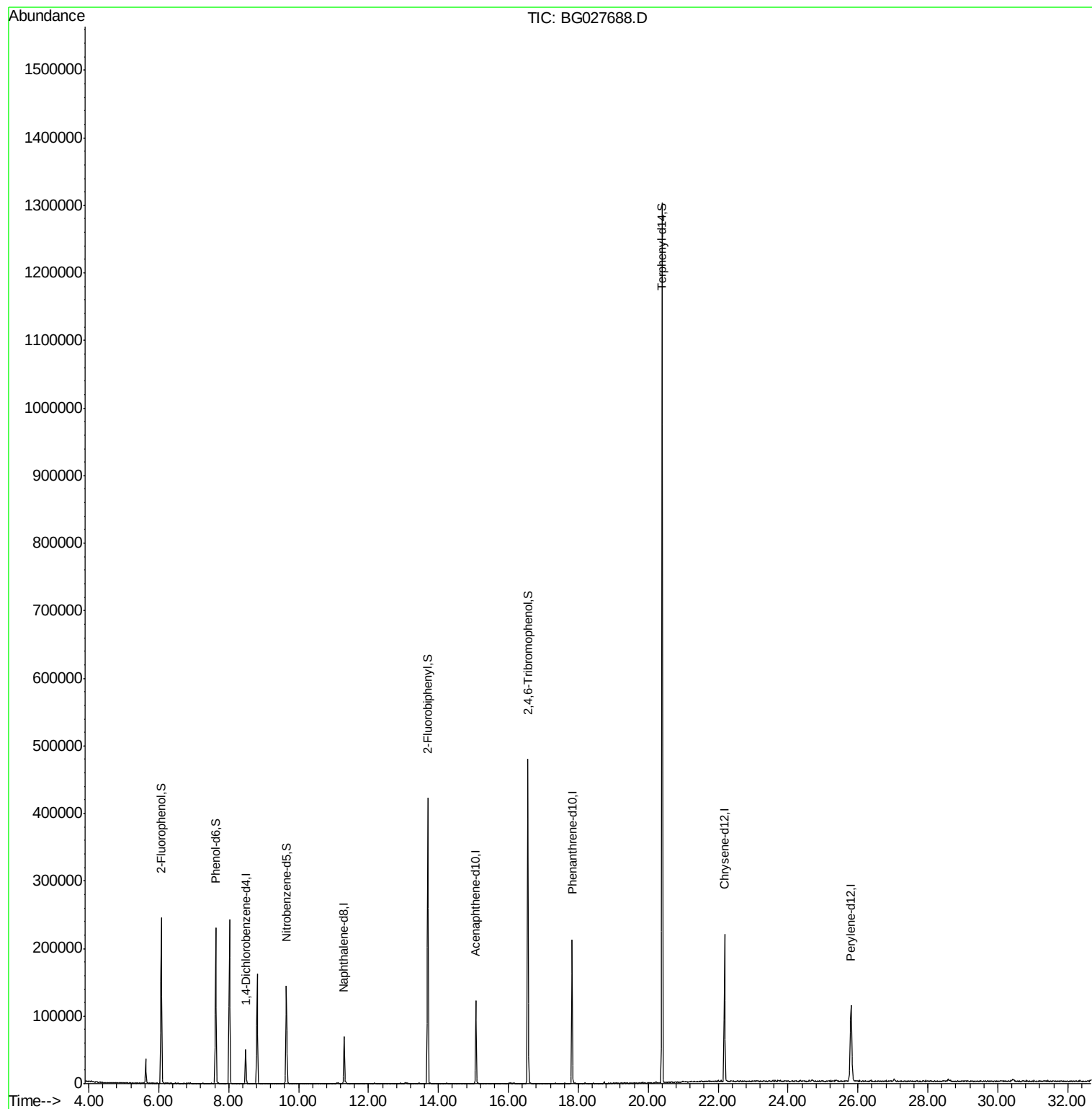
Target Compounds Qvalue

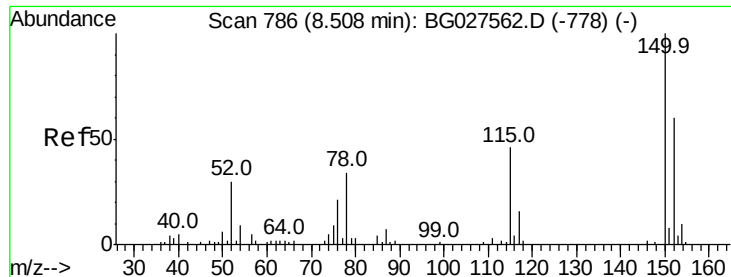
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BG027688.D

Acq: 26 Jun 2017 23:46

Instrument :

BNA_G

ClientSampleID :

TR-04-062317

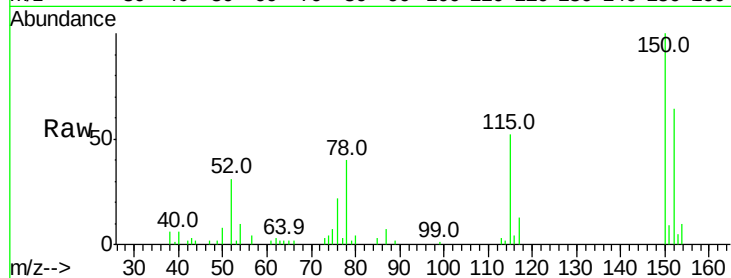
Tot Ion:152 Resp: 13456

Ion Ratio Lower Upper

152 100

150 155.6 114.0 171.0

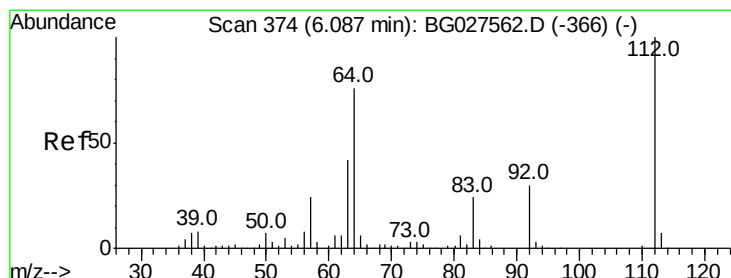
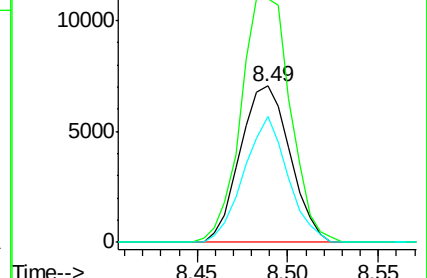
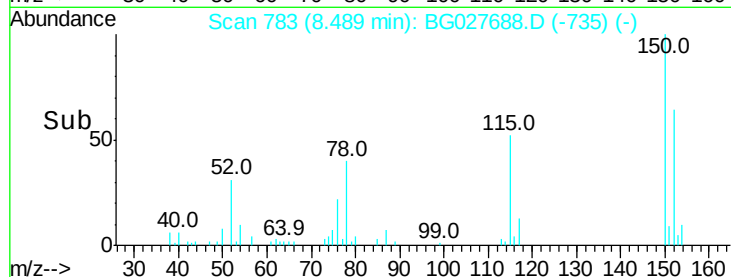
115 80.2 48.1 72.1#



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: 102.09 ng

RT: 6.07 min Scan# 372

Delta R.T. -0.01 min

Lab File: BG027688.D

Acq: 26 Jun 2017 23:46

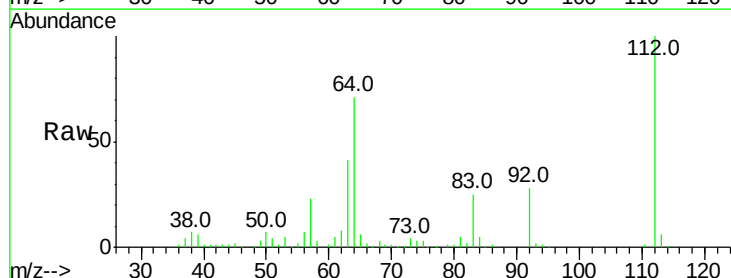
Tgt Ion:112 Resp: 96523

Ion Ratio Lower Upper

112 100

64 70.6 61.8 92.6

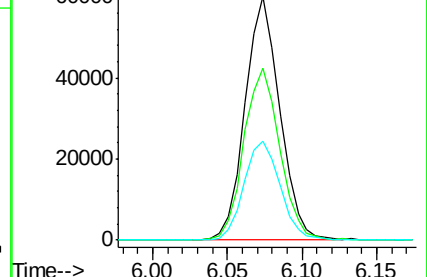
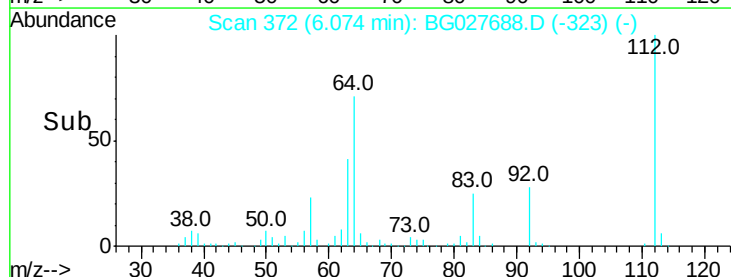
63 40.8 37.2 55.8

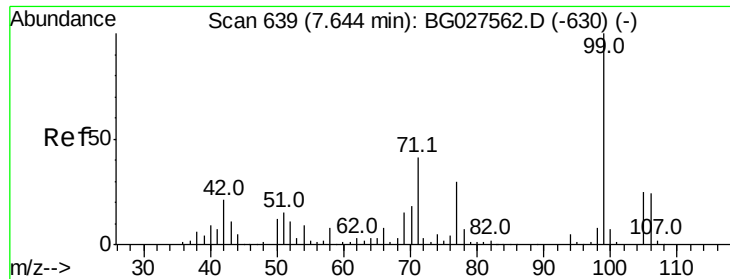


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 89.96 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027688.D

Acq: 26 Jun 2017 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-062317

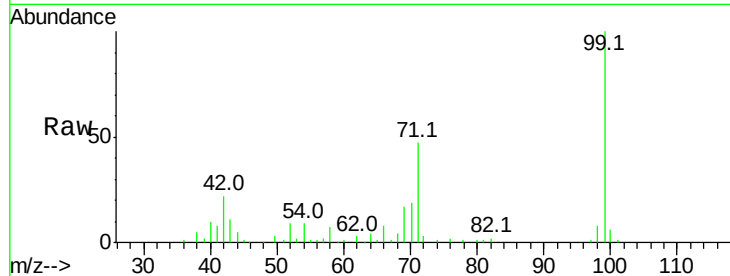
Tot Ion: 99 Resp: 125920

Ion Ratio Lower Upper

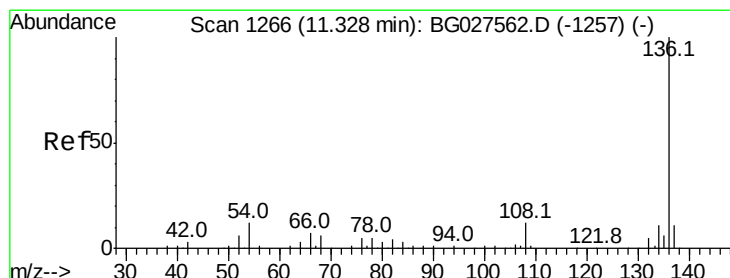
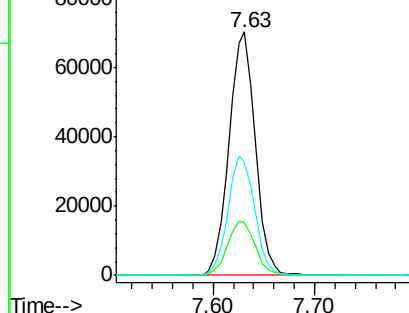
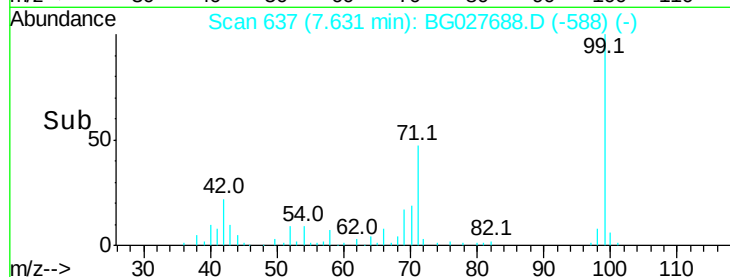
99 100

42 21.5 20.5 30.7

71 46.5 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: 11.30 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BG027688.D

Acq: 26 Jun 2017 23:46

Tgt Ion: 136 Resp: 60604

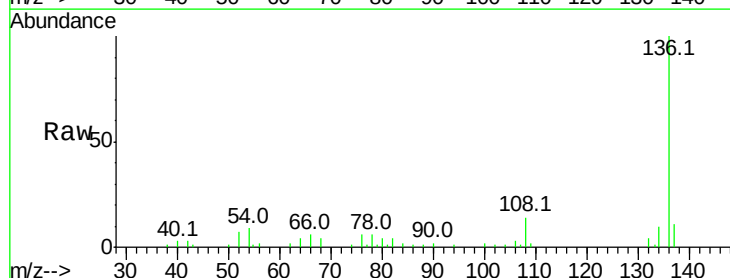
Ion Ratio Lower Upper

136 100

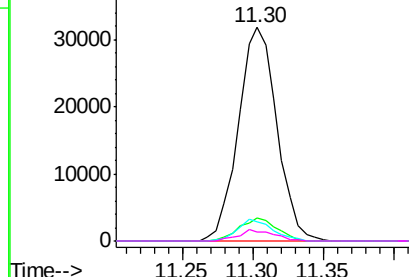
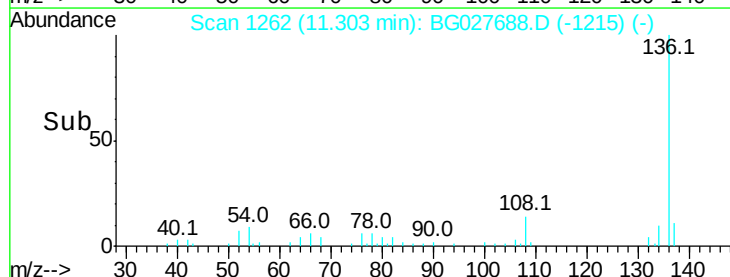
137 10.9 8.9 13.3

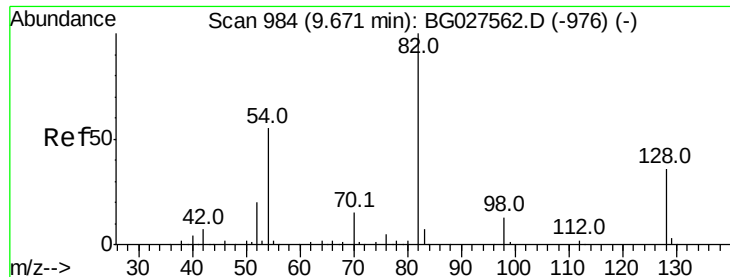
54 9.3 9.3 13.9#

68 4.2 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

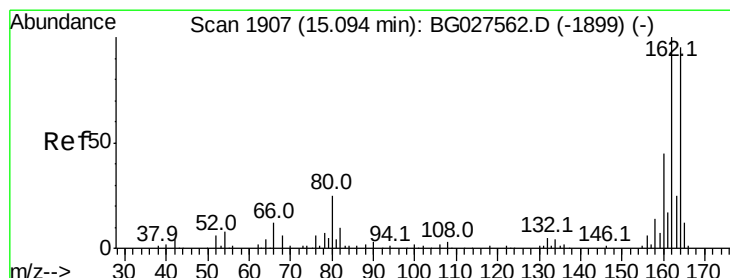
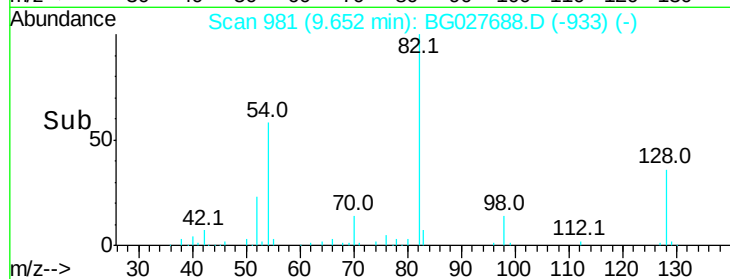
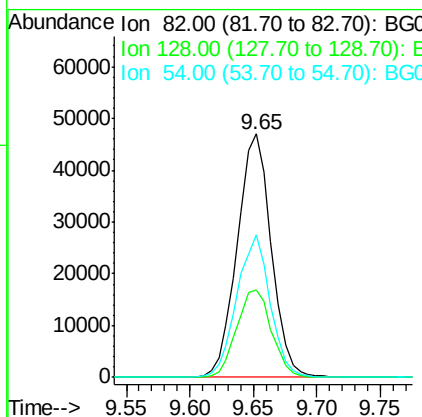
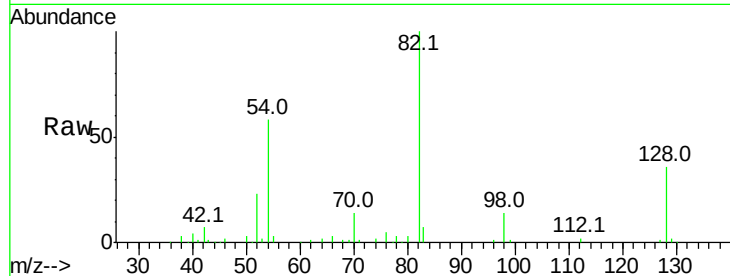




#23
 Nitrobenzene-d5
 Concen: 68.29 ng
 RT: 9.65 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG027688.D
 Acq: 26 Jun 2017 23:46

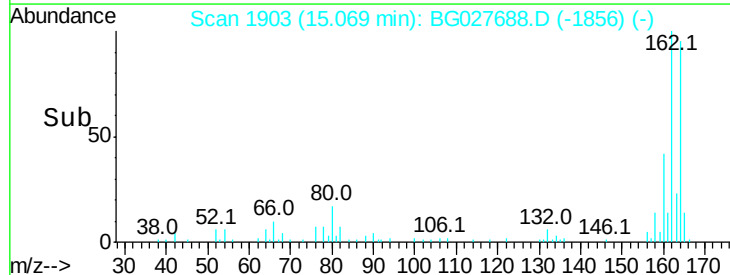
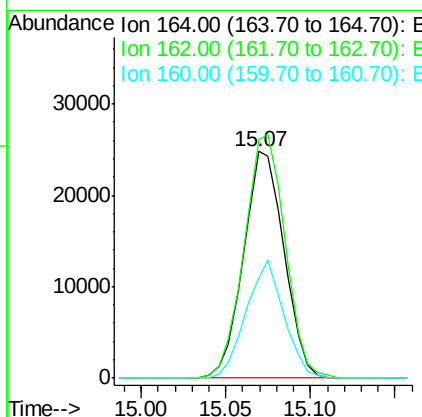
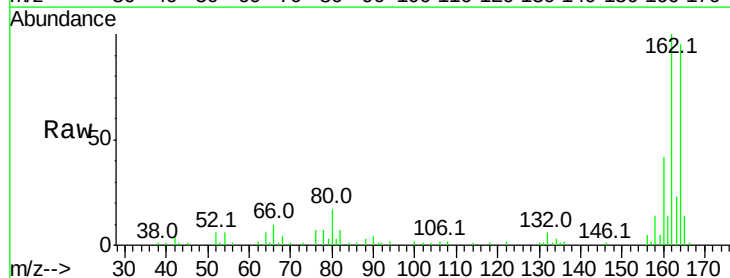
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-062317

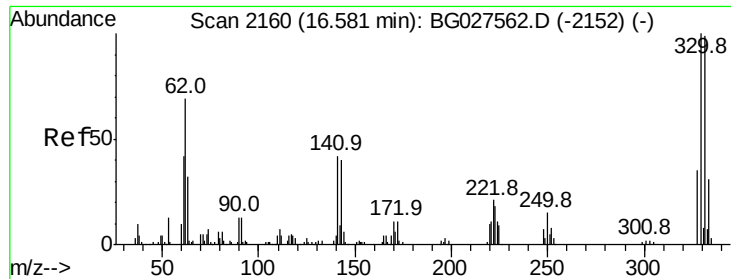
Tot Ion	82	Resp	87461
Ion Ratio	Lower	Upper	
82	100		
128	35.8	26.4	39.6
54	58.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. -0.03 min
 Lab File: BG027688.D
 Acq: 26 Jun 2017 23:46

Tgt Ion	164	Resp	41489
Ion Ratio	Lower	Upper	
164	100		
162	105.2	85.1	127.7
160	44.5	34.7	52.1

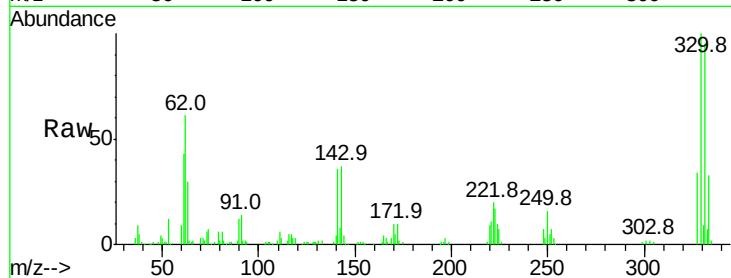




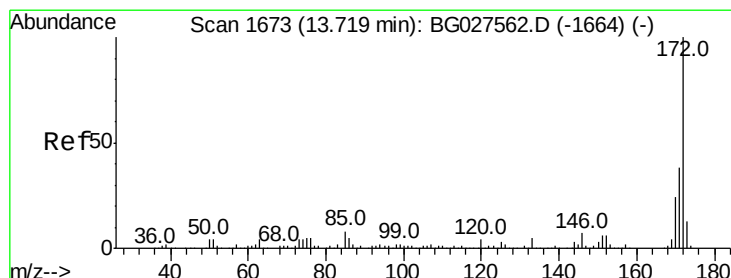
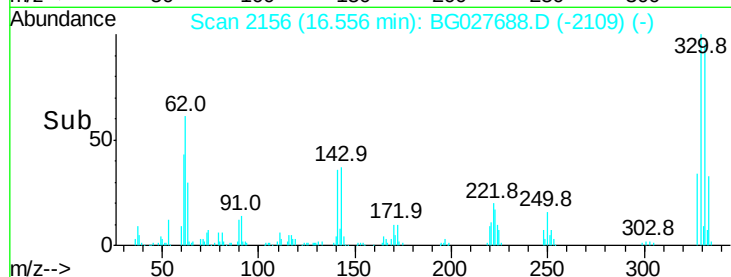
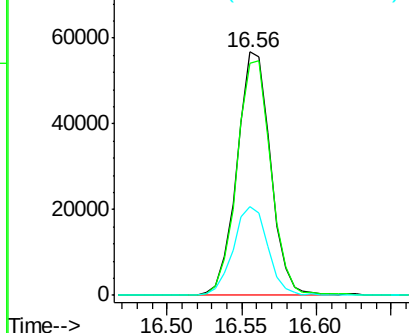
#41
 2,4,6-Tribromophenol
 Concen: 143.37 ng
 RT: 16.56 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG027688.D
 Acq: 26 Jun 2017 23:46

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-062317

Tot Ion:330 Resp: 88678
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 37.5 32.1 48.1

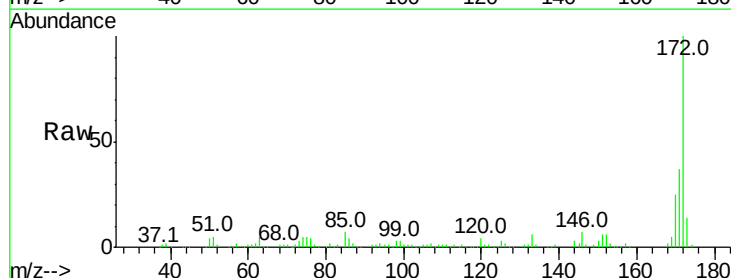


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

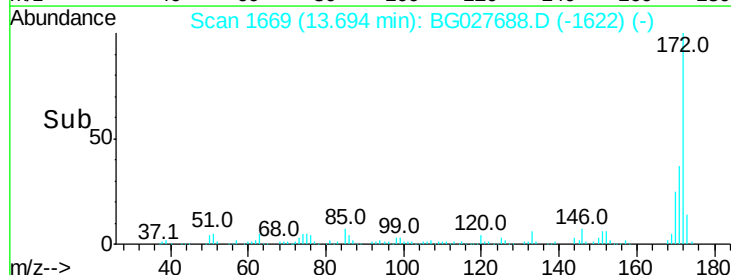
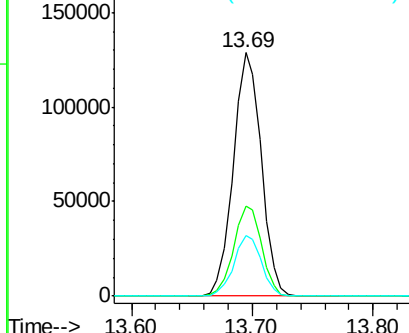


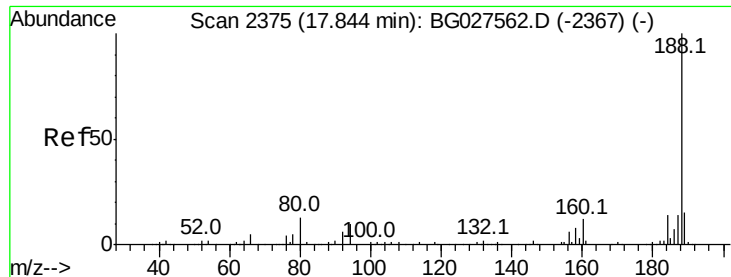
#44
 2-Fluorobiphenyl
 Concen: 68.23 ng
 RT: 13.69 min Scan# 1669
 Delta R.T. -0.03 min
 Lab File: BG027688.D
 Acq: 26 Jun 2017 23:46

Tgt Ion:172 Resp: 207222
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 24.9 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

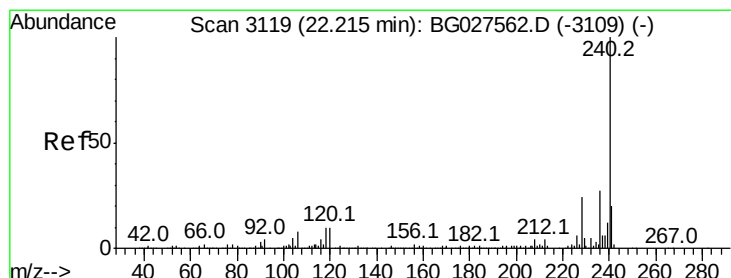
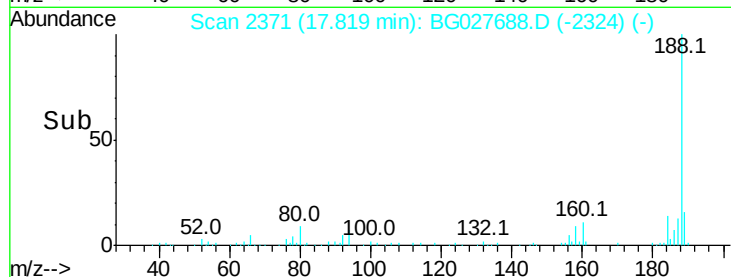
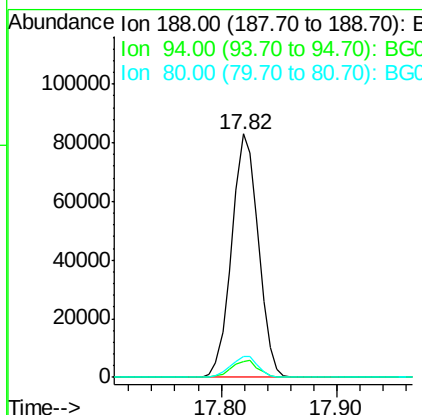
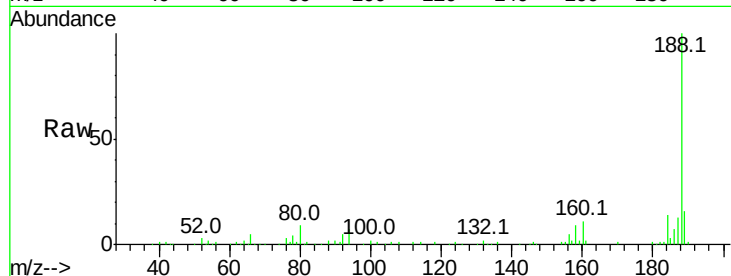




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.03 min
Lab File: BG027688.D
Acq: 26 Jun 2017 23:46

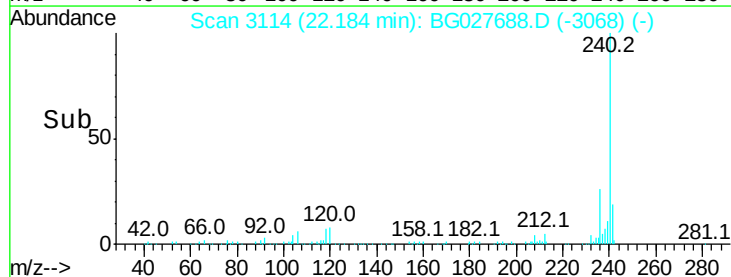
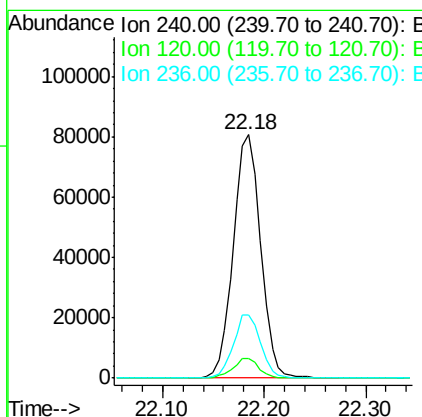
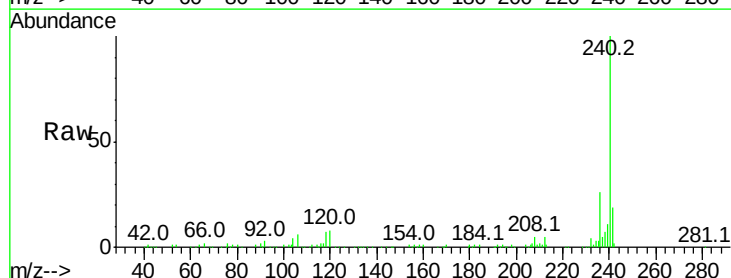
Instrument :
BNA_G
ClientSampleId :
TR-04-062317

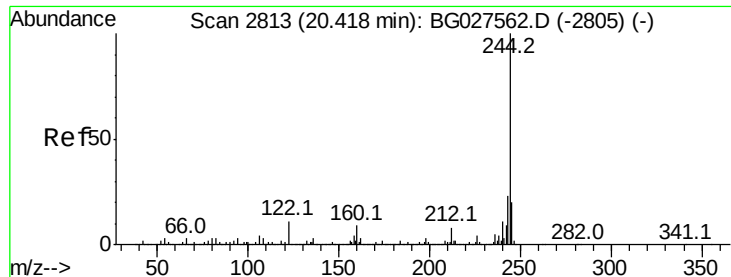
Tot Ion:188 Resp: 132848
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 8.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3114
Delta R.T. -0.03 min
Lab File: BG027688.D
Acq: 26 Jun 2017 23:46

Tgt Ion:240 Resp: 150937
Ion Ratio Lower Upper
240 100
120 7.9 5.7 8.5
236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 86.83 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027688.D

Acq: 26 Jun 2017 23:46

Instrument :

BNA_G

ClientSampleId :

TR-04-062317

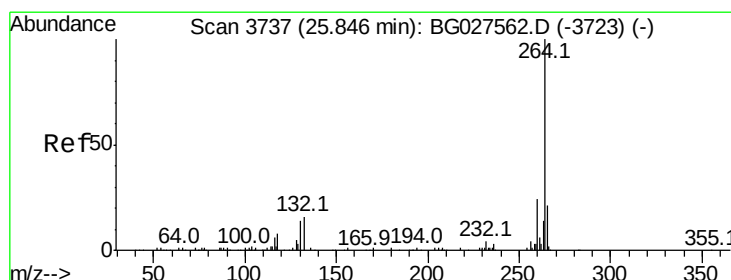
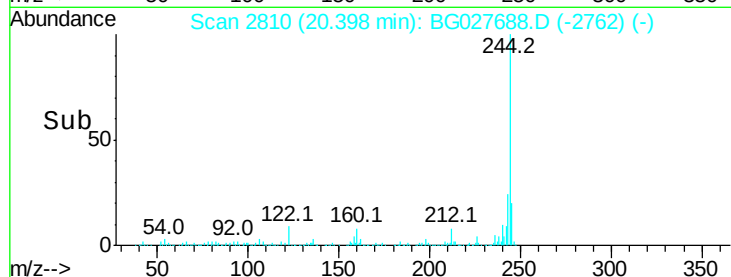
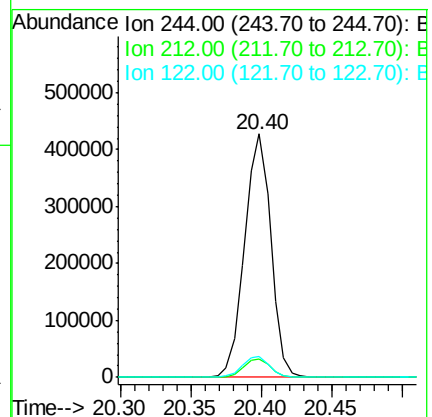
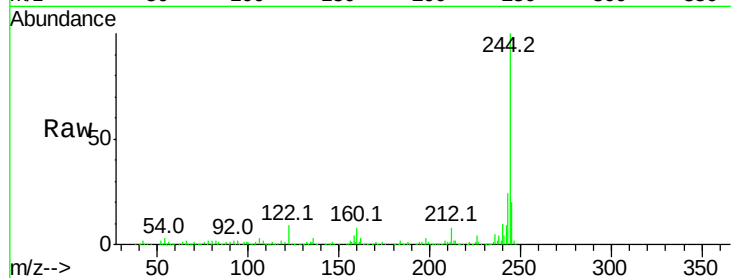
Tot Ion:244 Resp: 556287

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 8.6 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.80 min Scan# 3729

Delta R.T. -0.05 min

Lab File: BG027688.D

Acq: 26 Jun 2017 23:46

Tgt Ion:264 Resp: 144002

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.5 18.2 27.4

