

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027586.D
 Acq On : 22 Jun 2017 8:24
 Operator : SJ/JU
 Sample : I3781-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 14:20:41 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

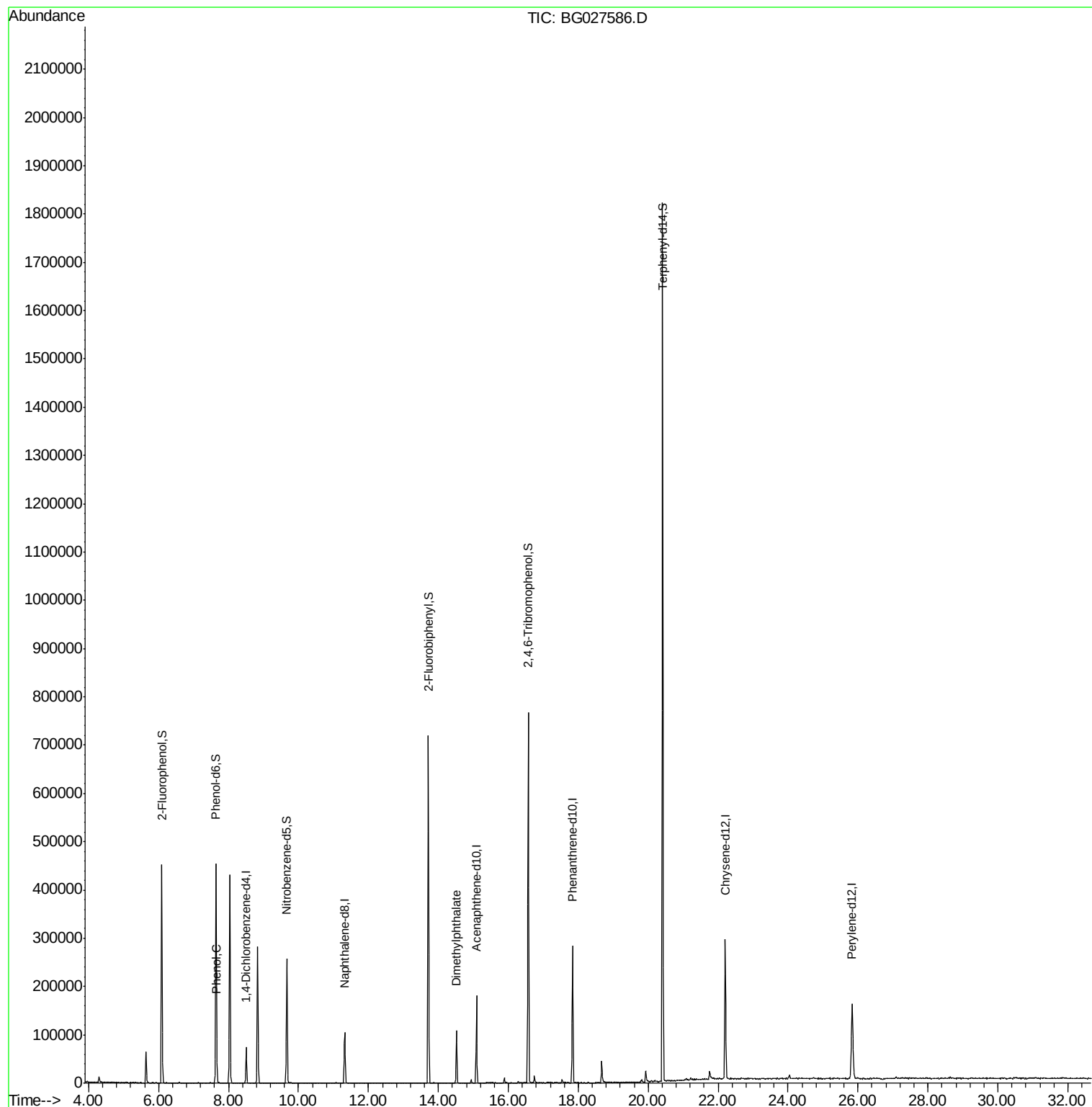
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19371	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	94457	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	59372	20.00	ng	-0.01
63) Phenanthrene-d10	17.83	188	178580	20.00	ng	-0.01
75) Chrysene-d12	22.20	240	196987	20.00	ng	-0.01
86) Perylene-d12	25.84	264	187118	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	187551	137.80	ng	0.00
7) Phenol-d6	7.64	99	261564	129.81	ng	0.00
23) Nitrobenzene-d5	9.67	82	162580	81.45	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	132861	150.10	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	361569	83.19	ng	0.00
78) Terphenyl-d14	20.41	244	769883	92.08	ng	0.00
Target Compounds						
10) Phenol	7.67	94	5583	2.72	ng	Qvalue 91
49) Dimethylphthalate	14.52	163	66713	12.83	ng	# 97

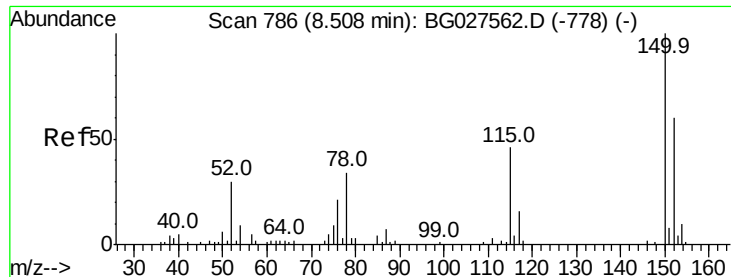
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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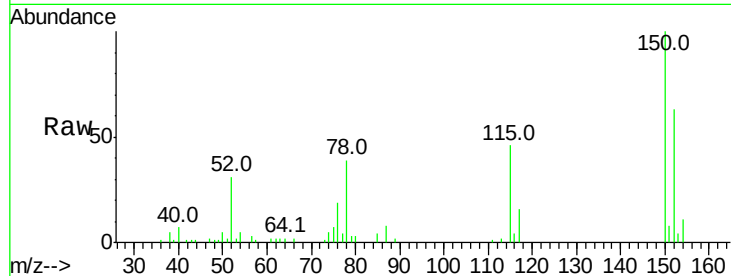


#1

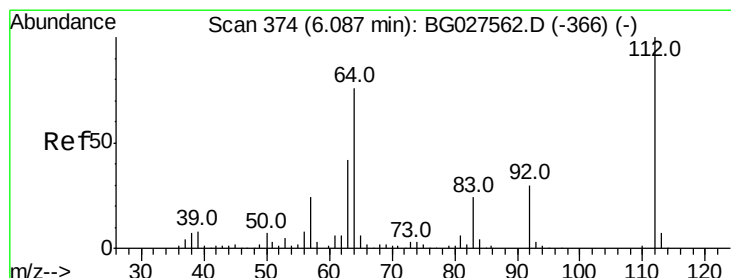
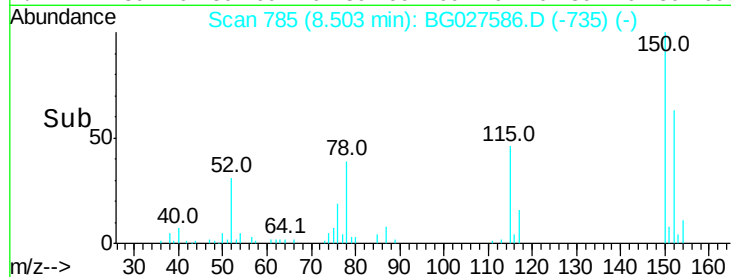
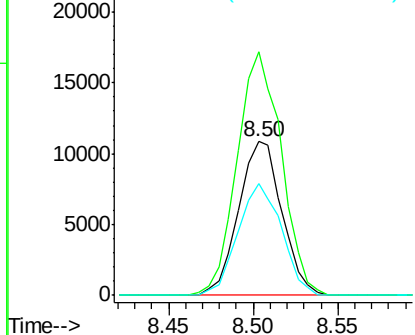
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG027586.D
Acq: 22 Jun 2017 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 19371
Ion Ratio Lower Upper
152 100
150 158.6 114.0 171.0
115 72.7 48.1 72.1#



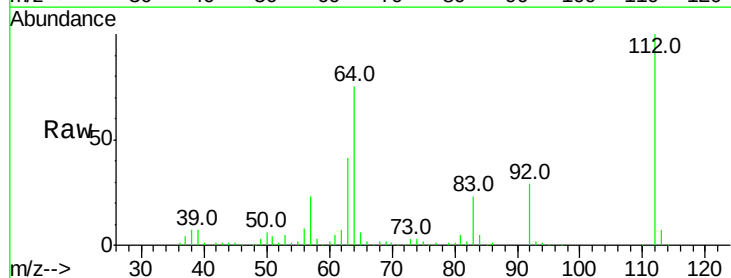
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



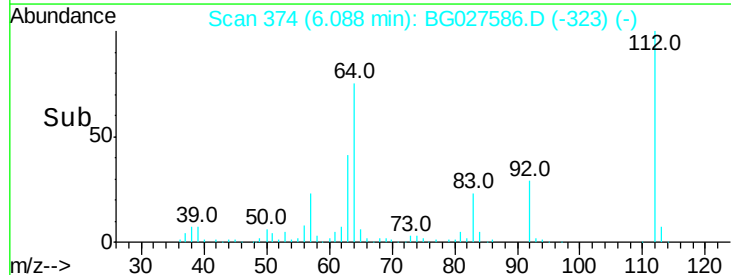
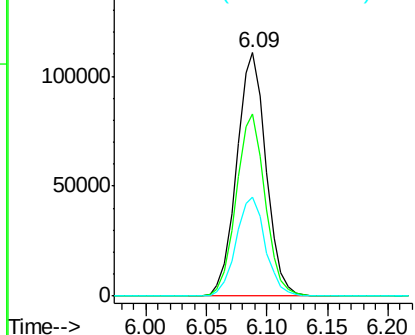
#5

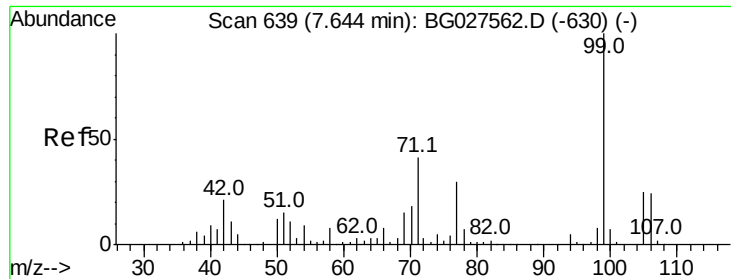
2-Fluorophenol
Concen: 137.80 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027586.D
Acq: 22 Jun 2017 8:24

Tgt Ion:112 Resp: 187551
Ion Ratio Lower Upper
112 100
64 74.8 61.8 92.6
63 40.5 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 129.81 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.00 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

Instrument :

BNA_G

ClientSampled :

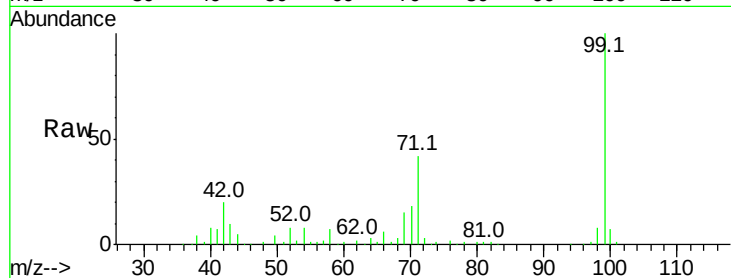
Tot Ion: 99 Resp: 261564

Ion Ratio Lower Upper

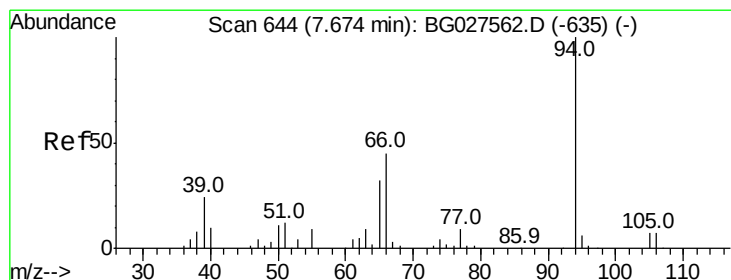
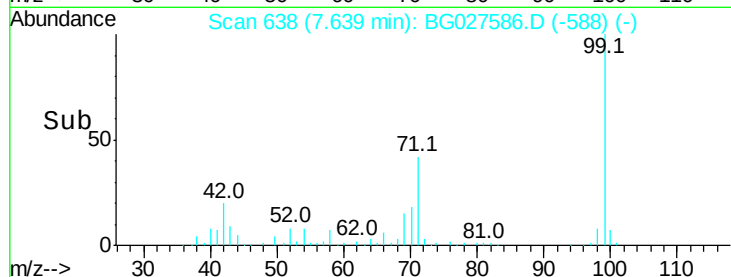
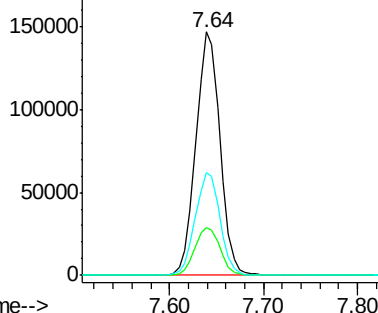
99 100

42 19.9 20.5 30.7#

71 42.4 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



#10

Phenol

Concen: 2.72 ng

RT: 7.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

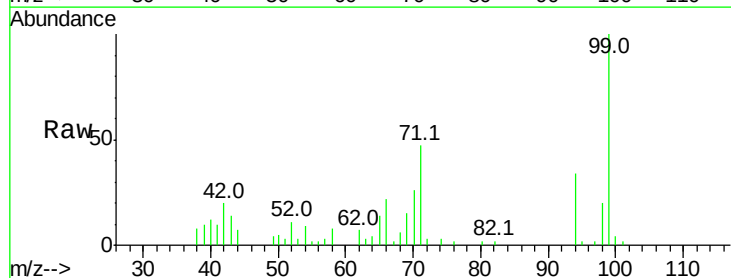
Tgt Ion: 94 Resp: 5583

Ion Ratio Lower Upper

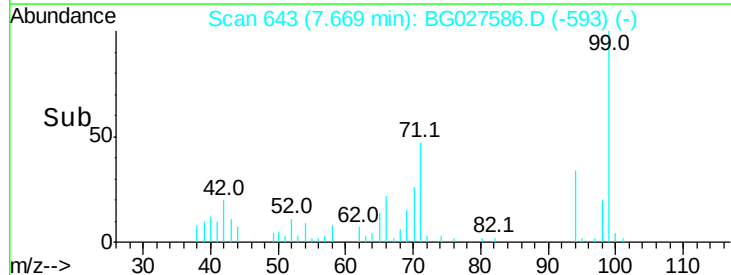
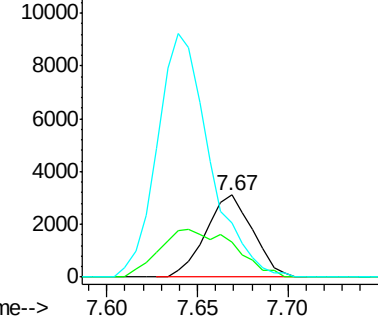
94 100

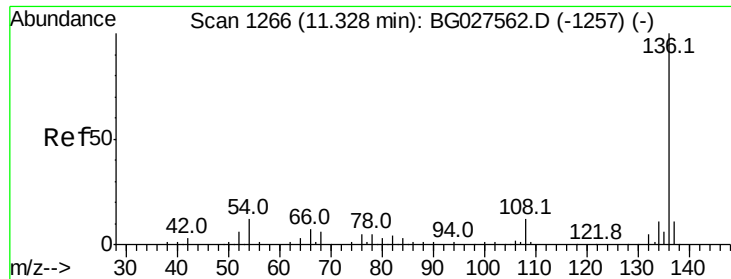
65 42.2 20.6 60.6

66 65.3 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

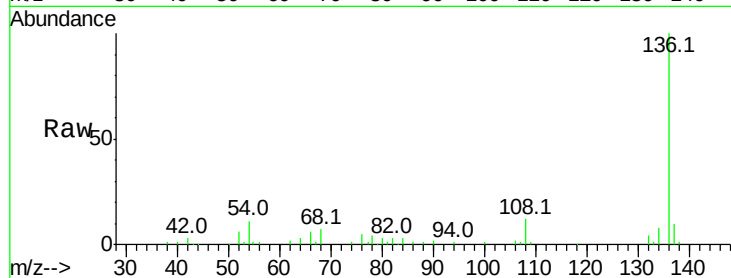




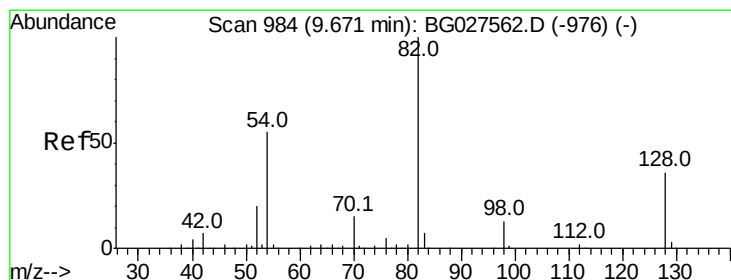
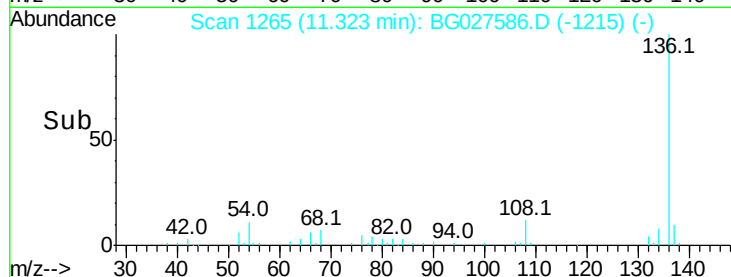
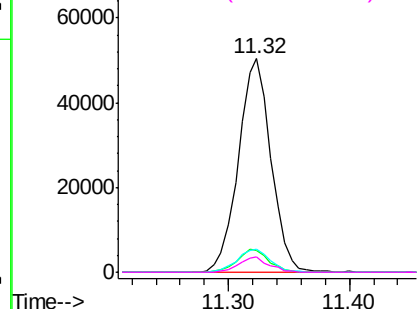
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG027586.D
Acq: 22 Jun 2017 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	94457
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	10.7	9.3	13.9
68	7.3	5.1	7.7

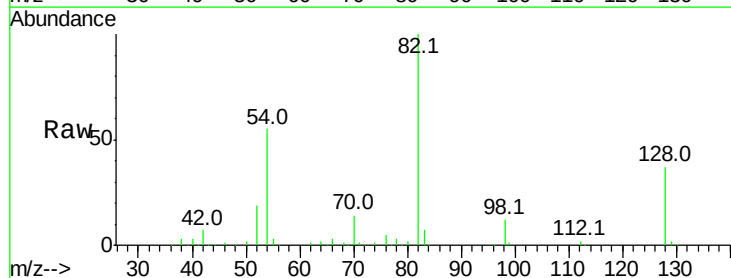


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

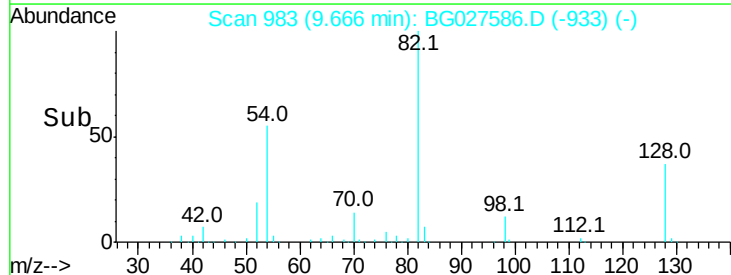
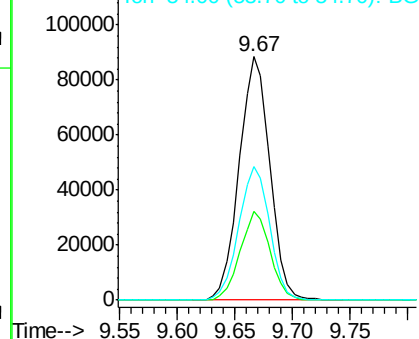


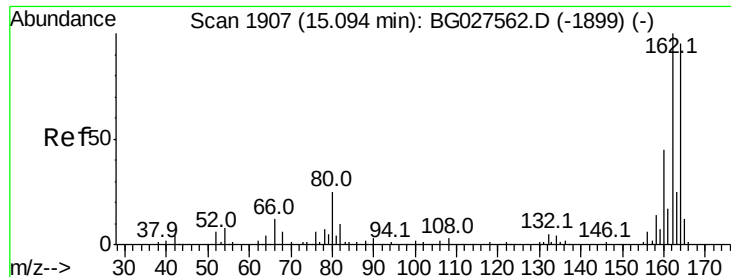
#23
Nitrobenzene-d5
Concen: 81.45 ng
RT: 9.67 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG027586.D
Acq: 22 Jun 2017 8:24

Tgt Ion:	82	Resp:	162580
Ion	Ratio	Lower	Upper
82	100		
128	36.7	26.4	39.6
54	55.1	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.08 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

Instrument :

BNA_G

ClientSampled :

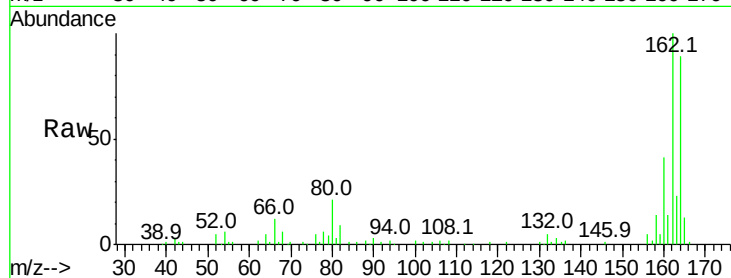
Tot Ion:164 Resp: 59372

Ion Ratio Lower Upper

164 100

162 112.7 85.1 127.7

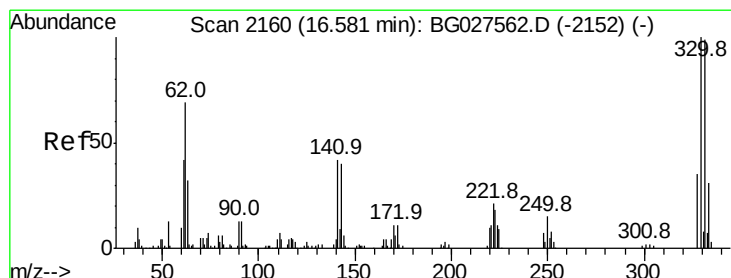
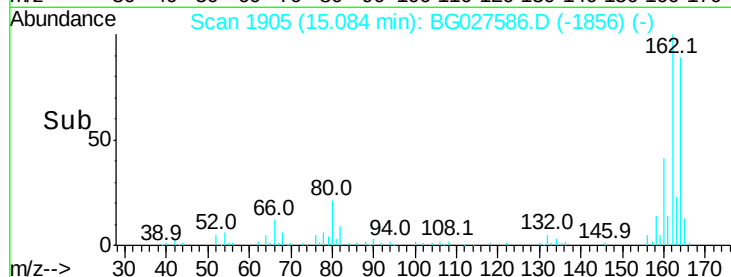
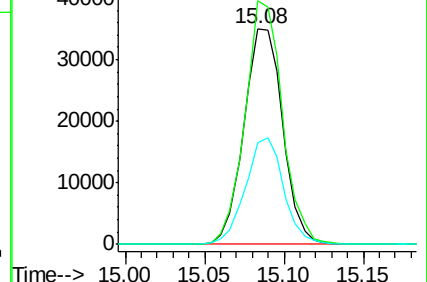
160 46.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 150.10 ng

RT: 16.57 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG027586.D

Acq: 22 Jun 2017 8:24

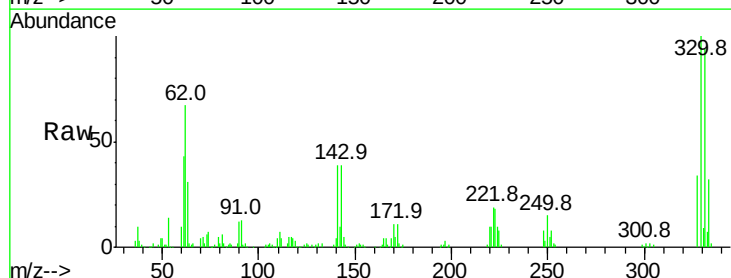
Tgt Ion:330 Resp: 132861

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

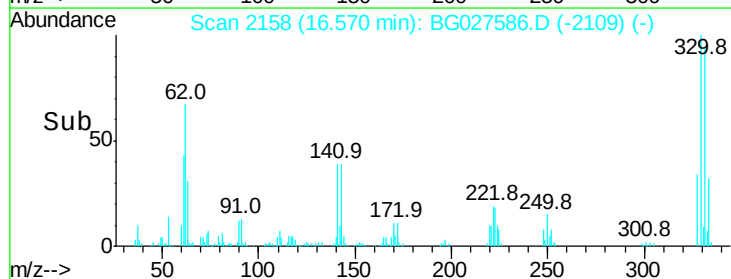
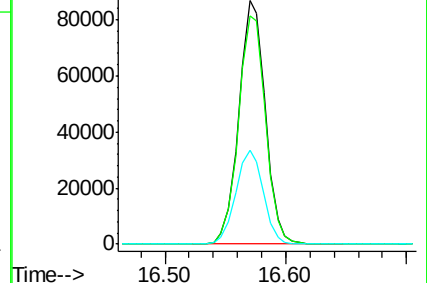
141 40.0 32.1 48.1

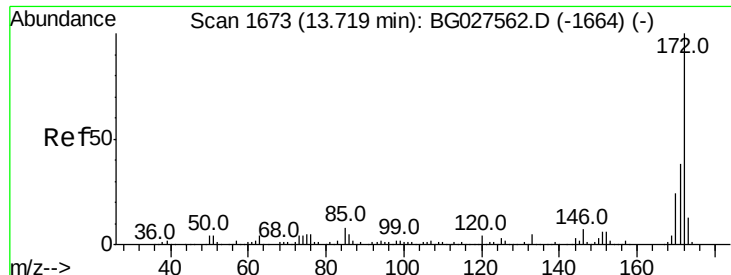


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

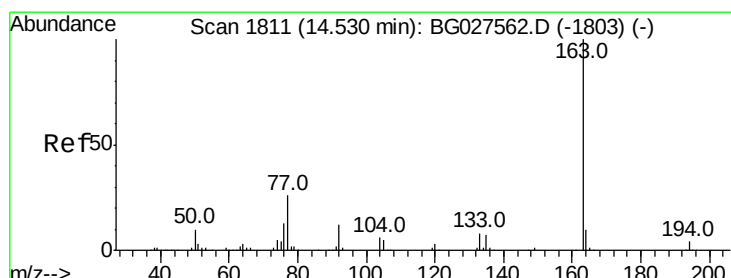
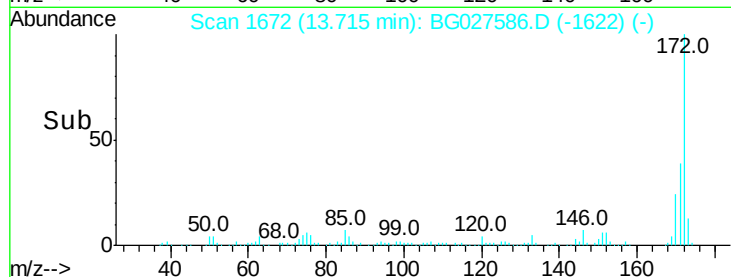
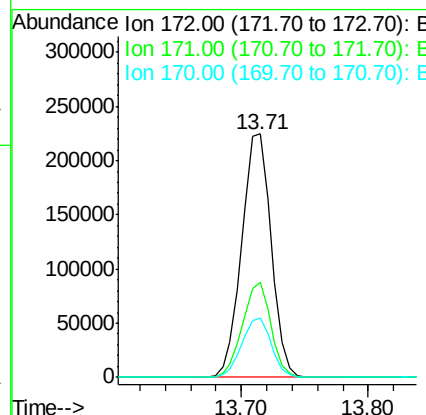
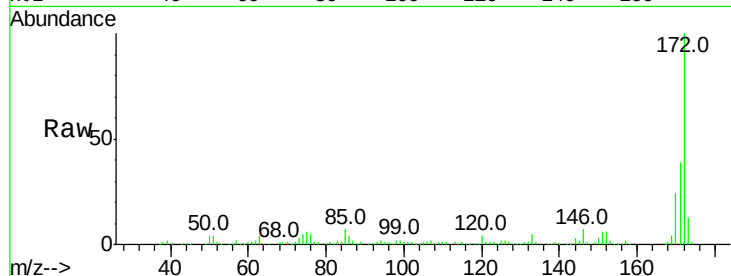




#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

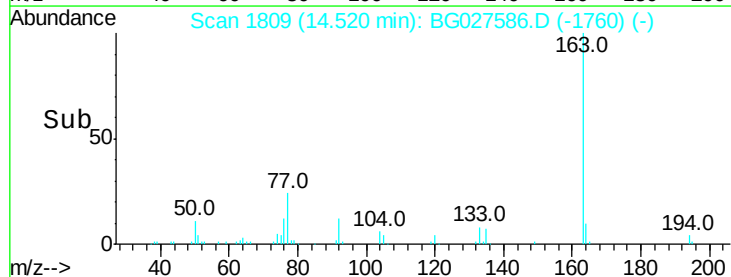
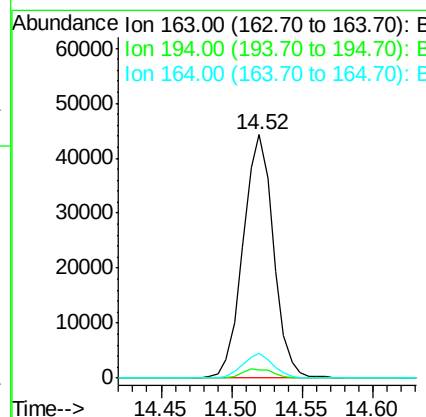
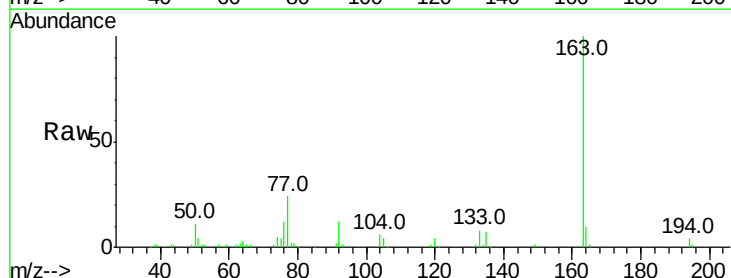
Instrument :
 BNA_G
 ClientSampleId :

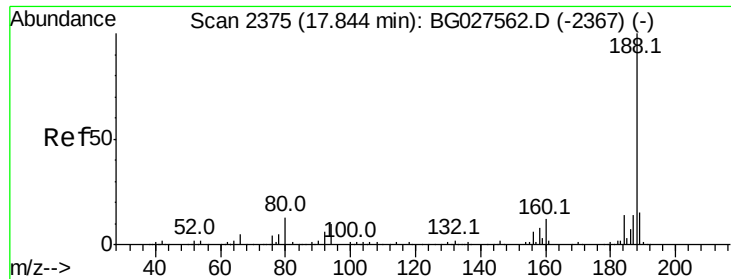
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.2	48.2
170	24.1	21.8	32.6



#49
 Dimethylphthalate
 Concen: 12.83 ng
 RT: 14.52 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.8	5.6#
164	10.3	9.3	13.9

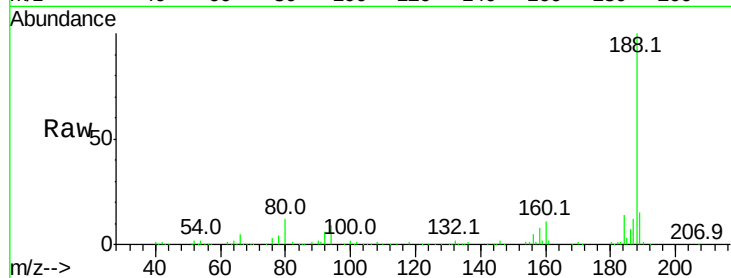




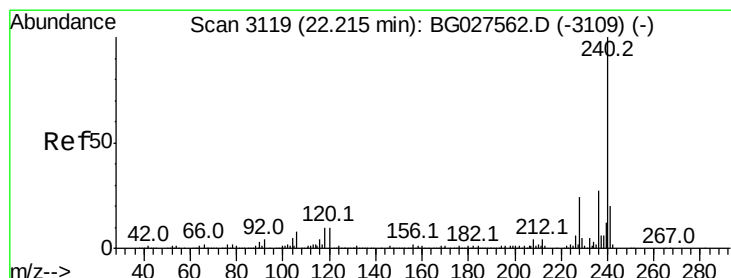
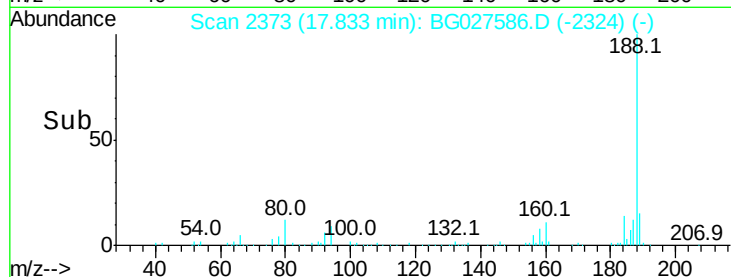
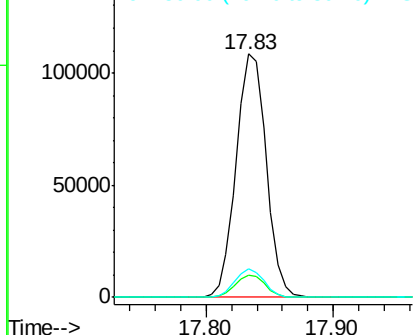
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.83 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.8	8.8#
80	11.7	7.5	11.3#

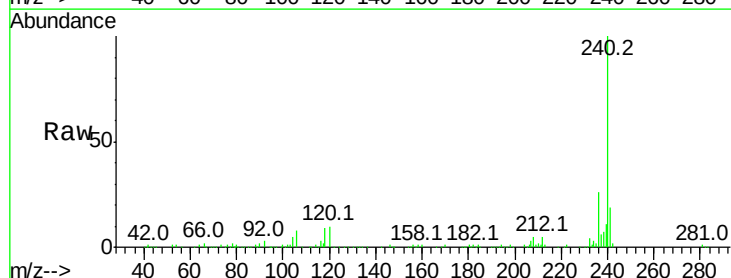


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

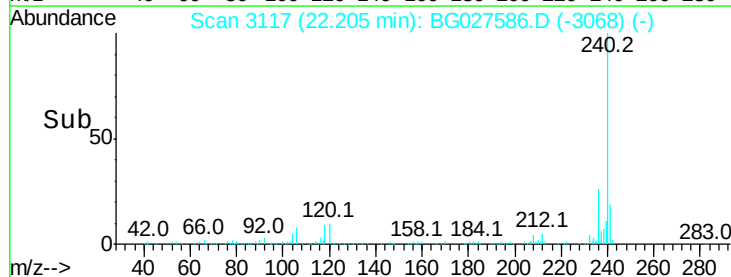
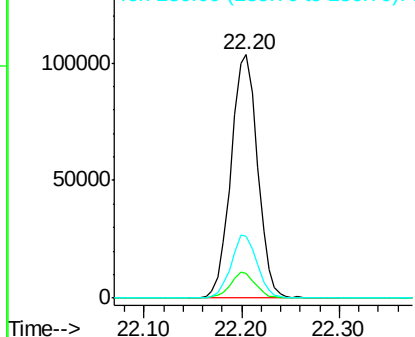


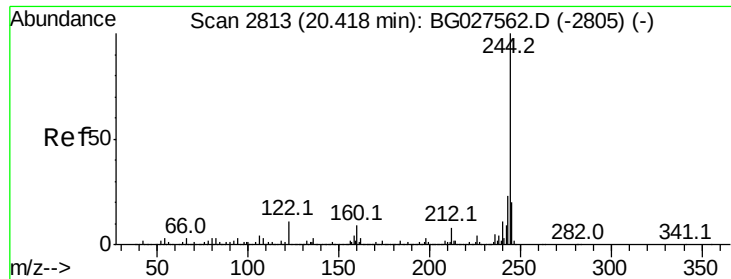
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.20 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.7	8.5#
236	25.7	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

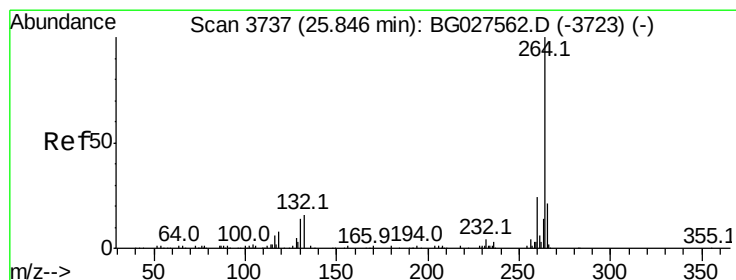
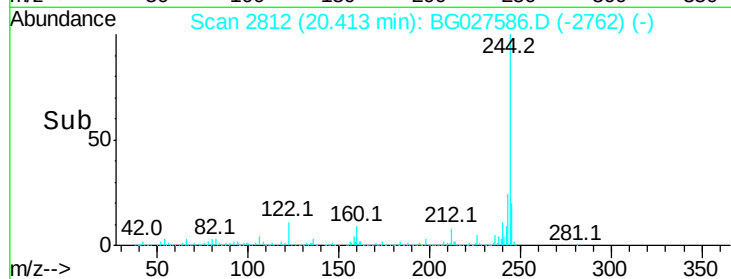
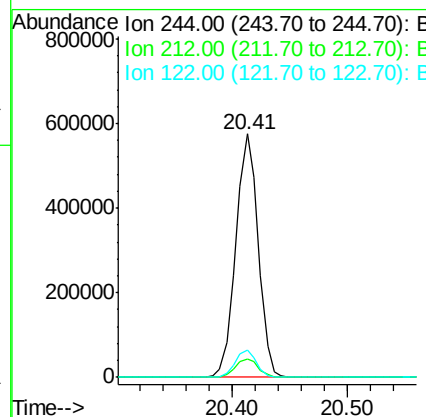
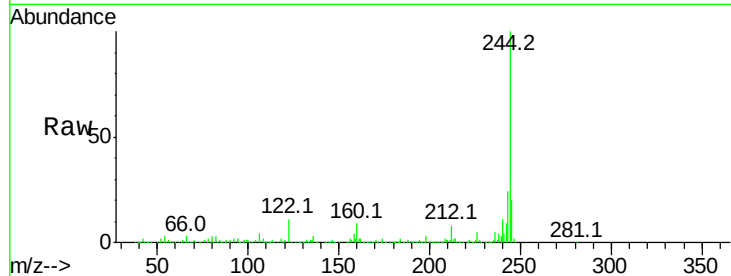




#78
 Terphenyl-d14
 Concen: 92.08 ng
 RT: 20.41 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	11.2	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3735
 Delta R.T. -0.01 min
 Lab File: BG027586.D
 Acq: 22 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	20.8	18.2	27.4

