

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027686.D
 Acq On : 26 Jun 2017 22:27
 Operator : SJ/JU
 Sample : I3885-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:30:10 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

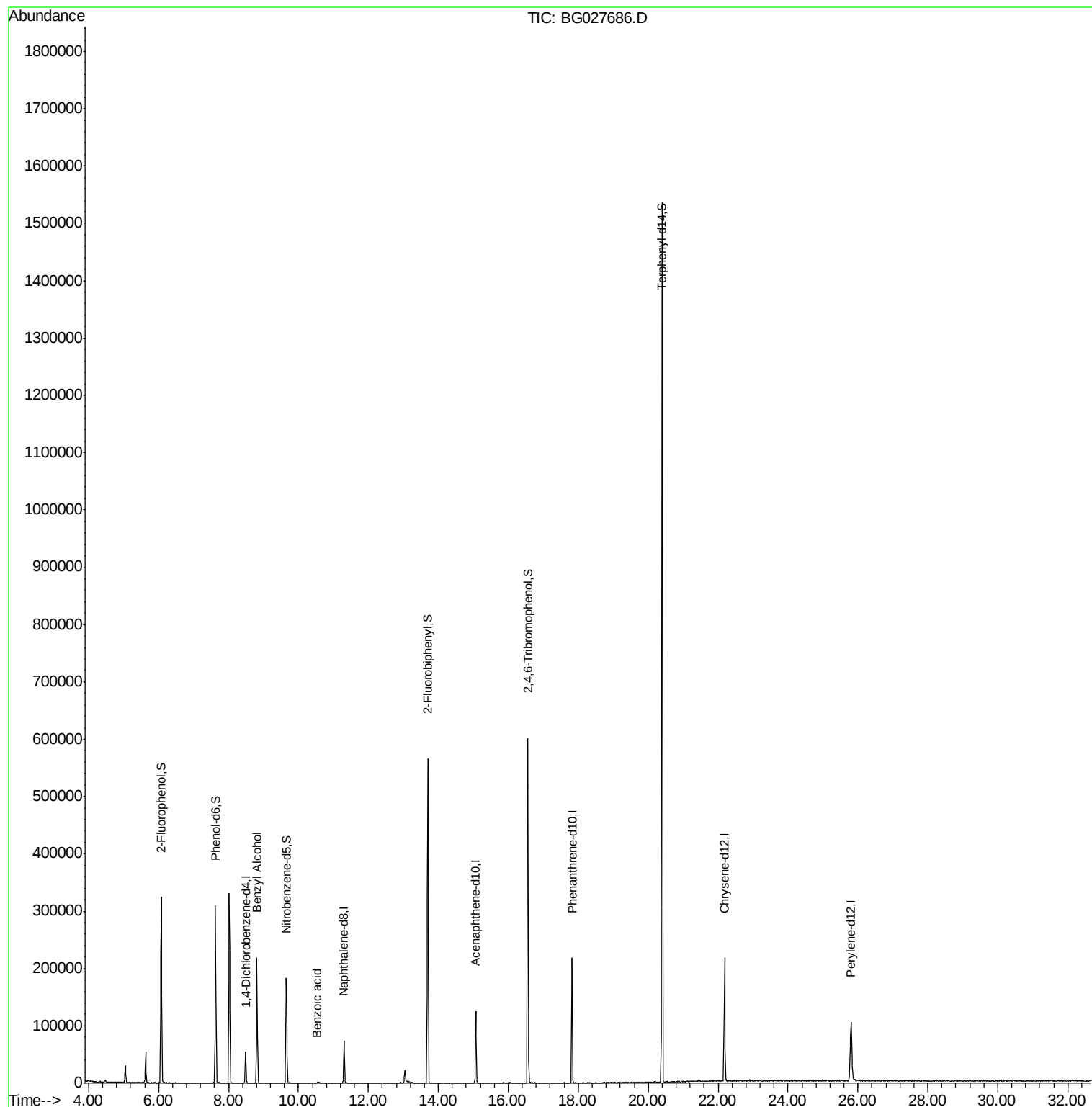
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13683	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	61644	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	41528	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	132683	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	150090	20.00	ng	-0.03
86) Perylene-d12	25.80	264	131350	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	130997	136.25	ng	-0.01
7) Phenol-d6	7.63	99	168941	118.70	ng	-0.01
23) Nitrobenzene-d5	9.65	82	115094	88.35	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	113762	183.75	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	276280	90.88	ng	-0.02
78) Terphenyl-d14	20.40	244	661321	103.81	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	8.81	79	2297	2.02	ng	# 41
32) Benzoic acid	10.54	122	546	8.52	ng	90

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

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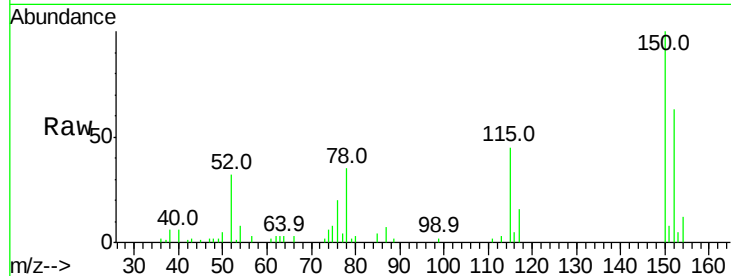


#1

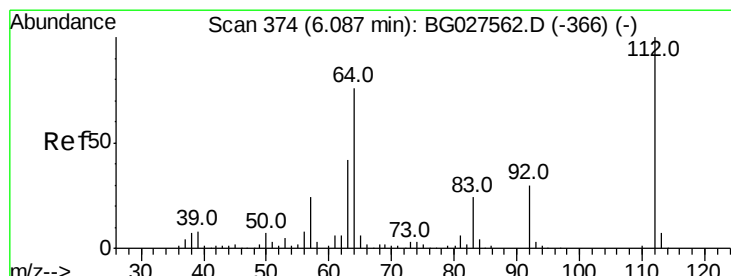
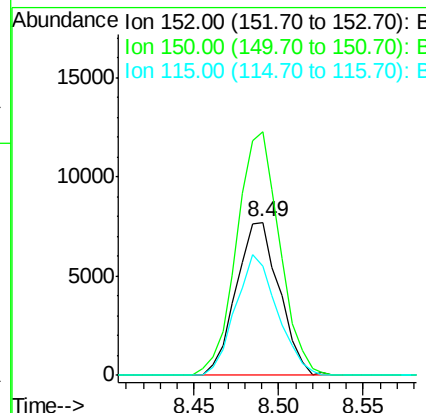
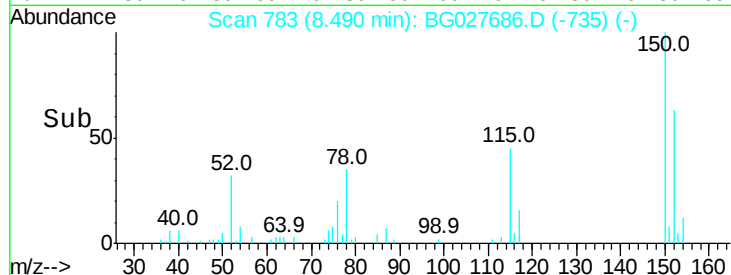
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027686.D
Acq: 26 Jun 2017 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 13683
Ion Ratio Lower Upper
152 100
150 159.3 114.0 171.0
115 71.2 48.1 72.1



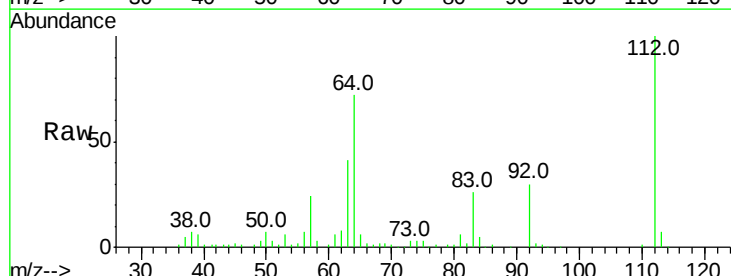
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



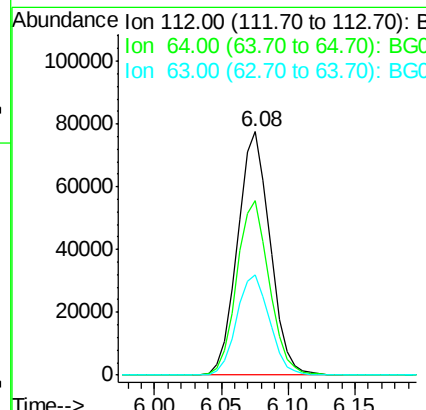
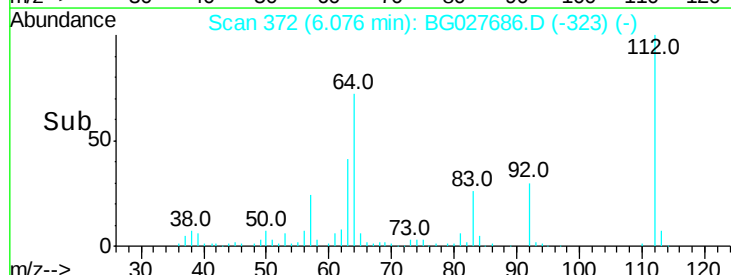
#5

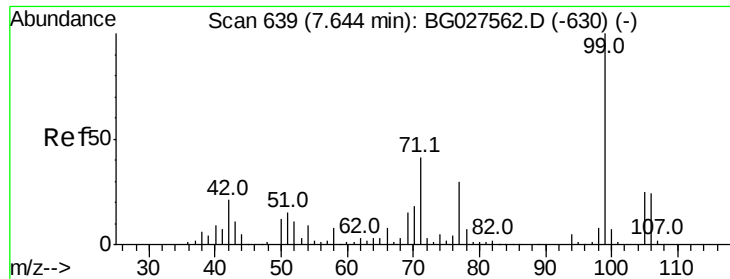
2-Fluorophenol
Concen: 136.25 ng
RT: 6.08 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027686.D
Acq: 26 Jun 2017 22:27

Tgt Ion:112 Resp: 130997
Ion Ratio Lower Upper
112 100
64 71.6 61.8 92.6
63 41.2 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: 118.70 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027686.D

Acq: 26 Jun 2017 22:27

Instrument :

BNA_G

ClientSampleId :

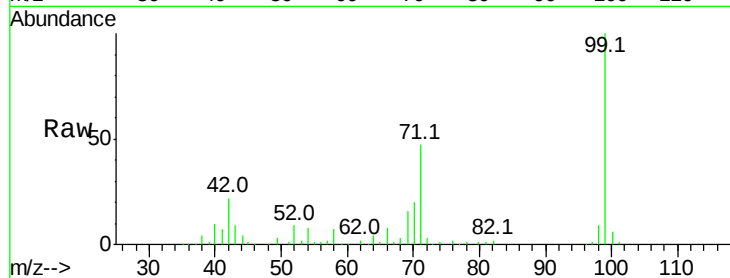
Tot Ion: 99 Resp: 168941

Ion Ratio Lower Upper

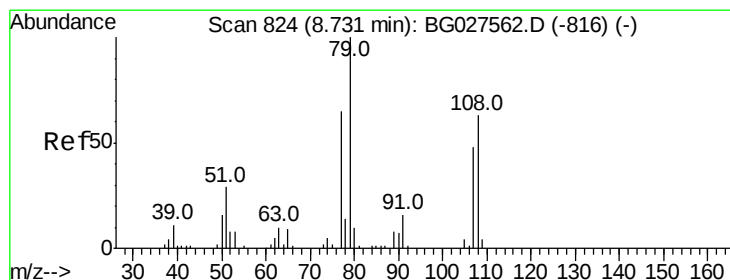
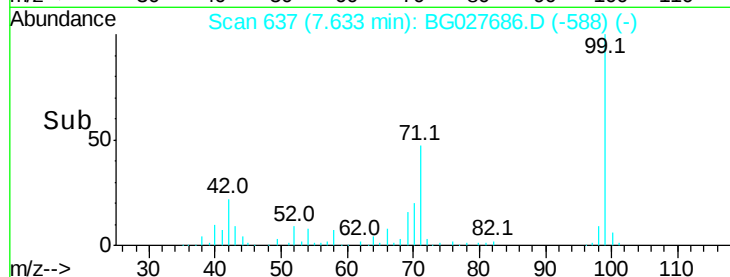
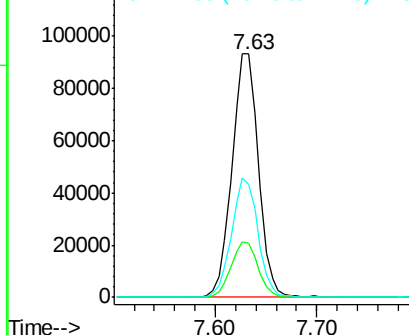
99 100

42 22.2 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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.81 min Scan# 838

Delta R.T. 0.08 min

Lab File: BG027686.D

Acq: 26 Jun 2017 22:27

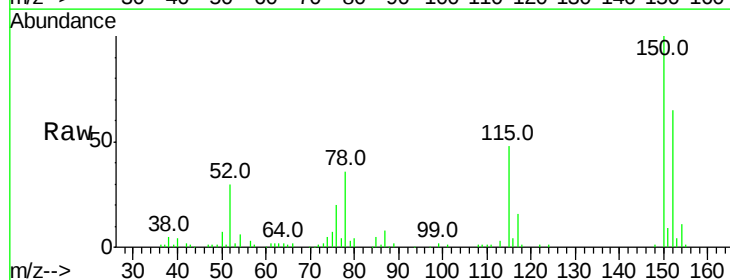
Tgt Ion: 79 Resp: 2297

Ion Ratio Lower Upper

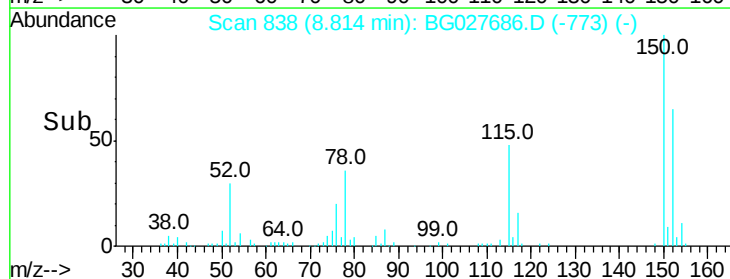
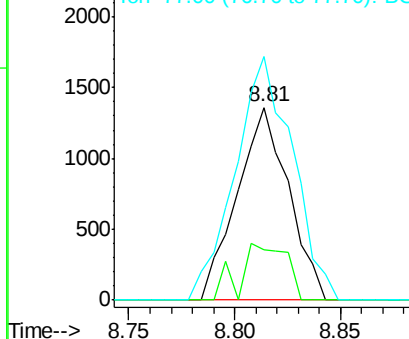
79 100

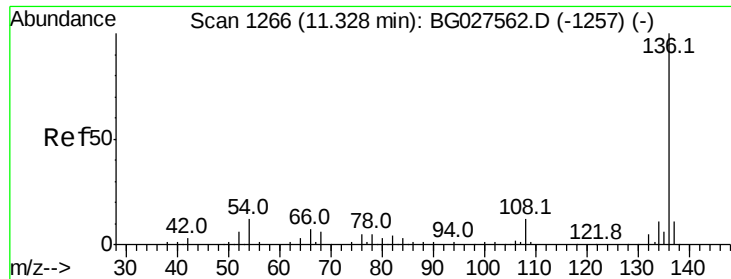
108 26.0 45.5 68.3#

77 126.4 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

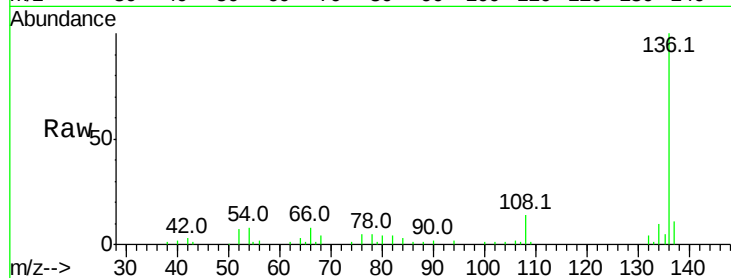




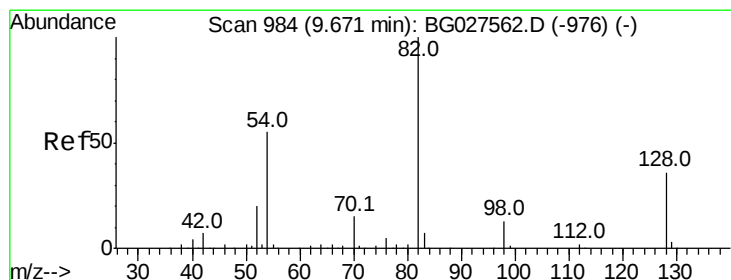
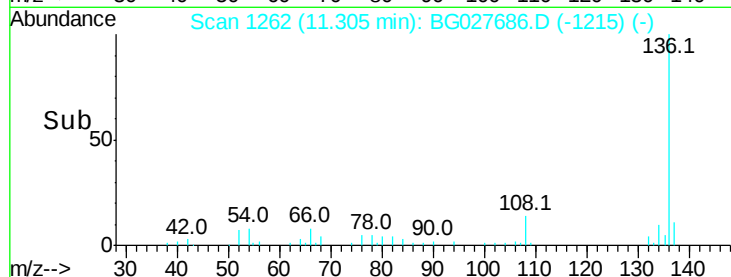
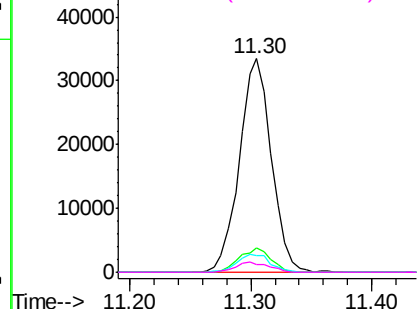
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG027686.D
Acq: 26 Jun 2017 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	61644
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	9.3	13.9#
68	3.9	5.1	7.7#

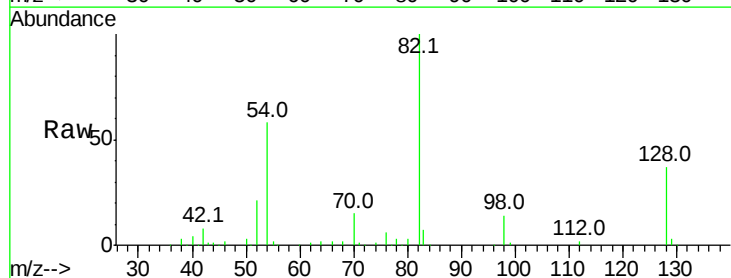


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

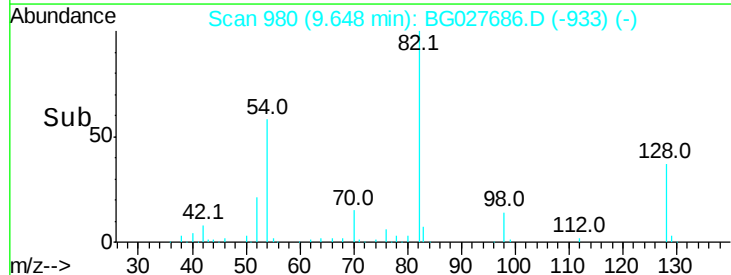
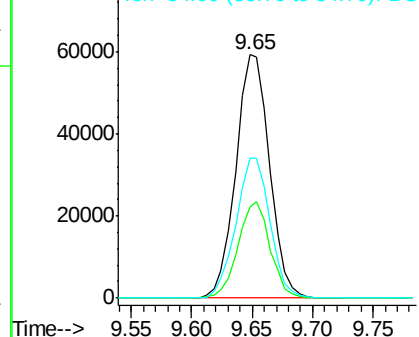


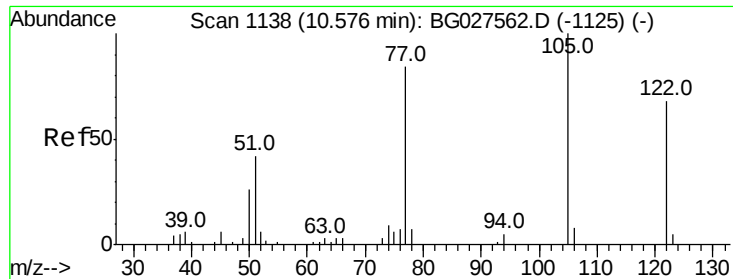
#23
Nitrobenzene-d5
Concen: 88.35 ng
RT: 9.65 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG027686.D
Acq: 26 Jun 2017 22:27

Tgt Ion:	82	Resp:	115094
Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.4	39.6
54	57.6	49.4	74.2



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

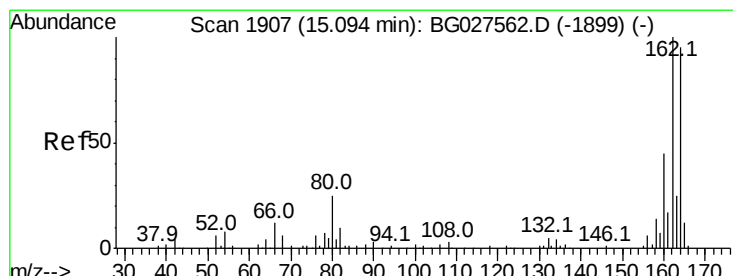
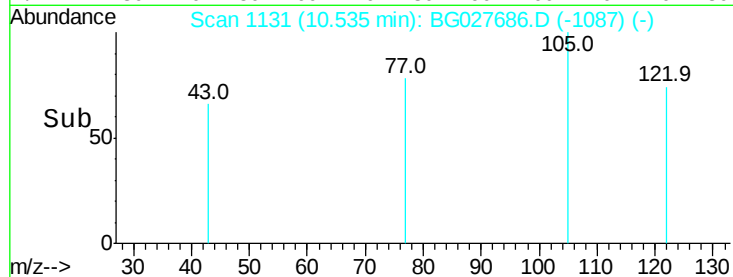
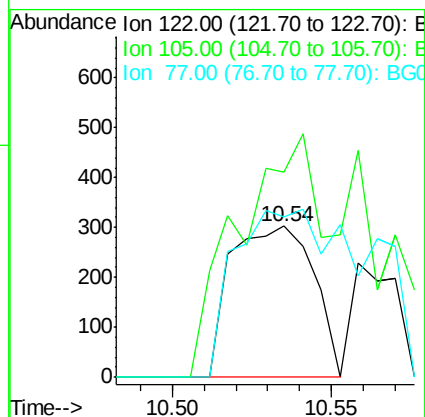
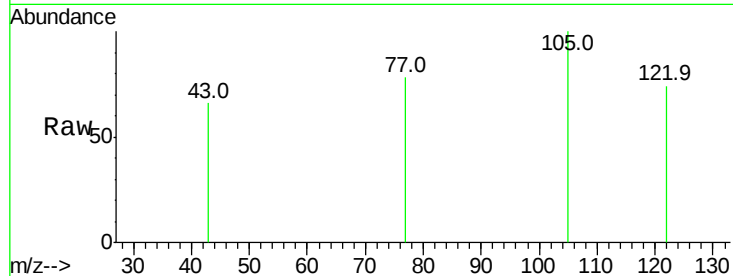




#32
Benzoic acid
Concen: 8.52 ng
RT: 10.54 min Scan# 1131
Delta R.T. -0.04 min
Lab File: BG027686.D
Acq: 26 Jun 2017 22:27

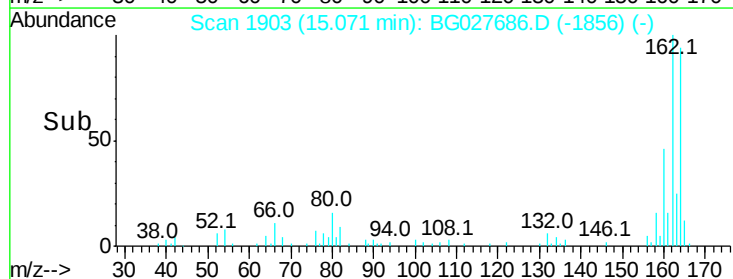
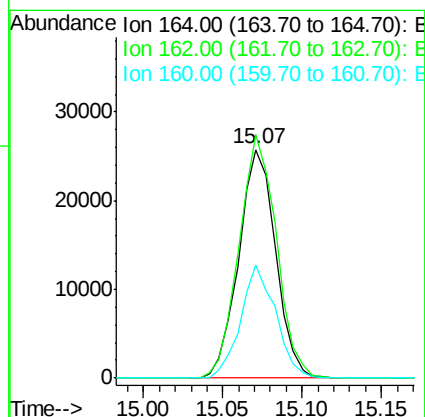
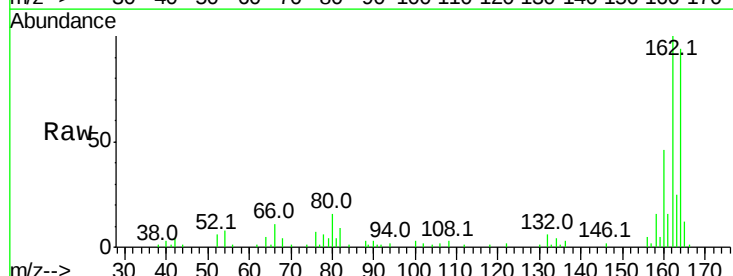
Instrument :
BNA_G
ClientSampled :

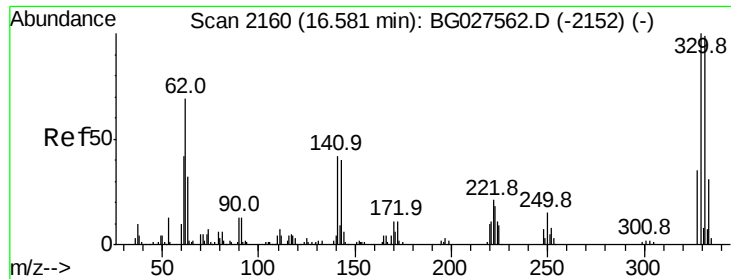
Tot Ion:	122	Resp:	546
Ion	Ratio	Lower	Upper
122	100		
105	135.6	120.1	160.1
77	105.6	104.6	144.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BG027686.D
Acq: 26 Jun 2017 22:27

Tgt Ion:	164	Resp:	41528
Ion	Ratio	Lower	Upper
164	100		
162	106.6	85.1	127.7
160	49.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 183.75 ng

RT: 16.56 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BG027686.D

Acq: 26 Jun 2017 22:27

Instrument :

BNA_G

ClientSampled :

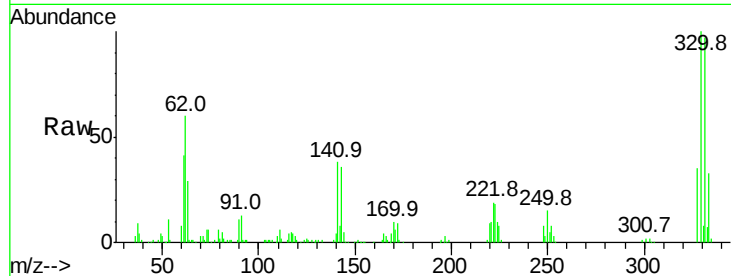
Tot Ion:330 Resp: 113762

Ion Ratio Lower Upper

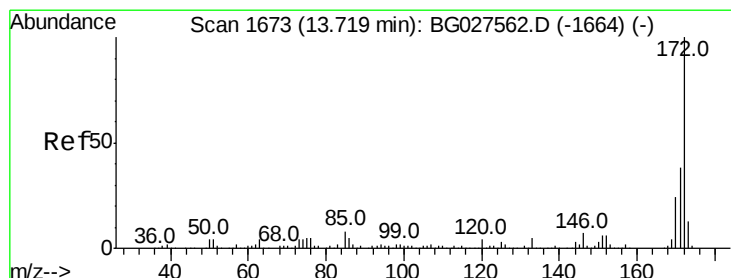
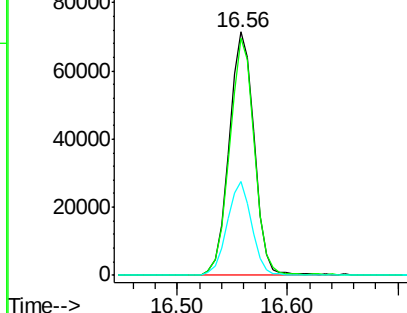
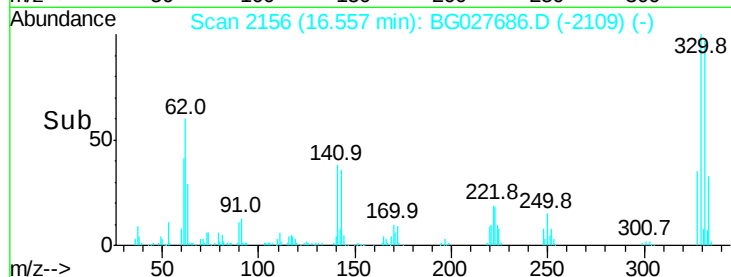
330 100

332 95.6 77.3 115.9

141 37.7 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: 90.88 ng

RT: 13.70 min Scan# 1669

Delta R.T. -0.02 min

Lab File: BG027686.D

Acq: 26 Jun 2017 22:27

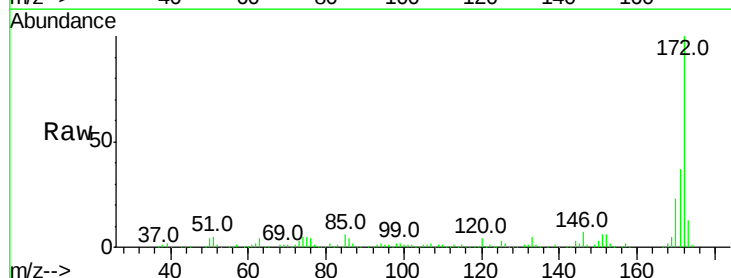
Tgt Ion:172 Resp: 276280

Ion Ratio Lower Upper

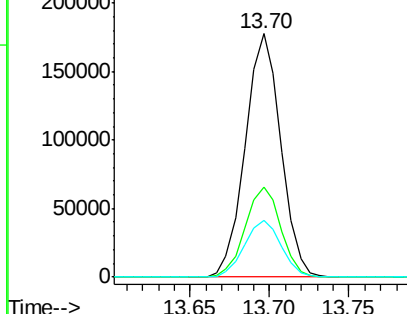
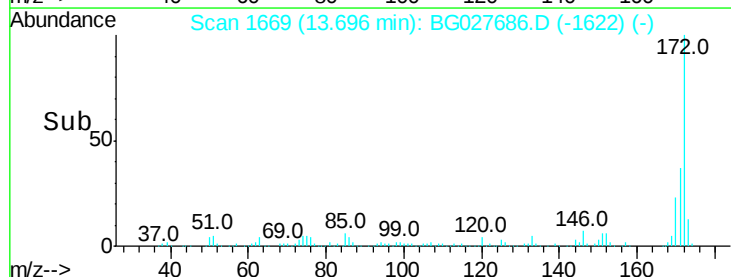
172 100

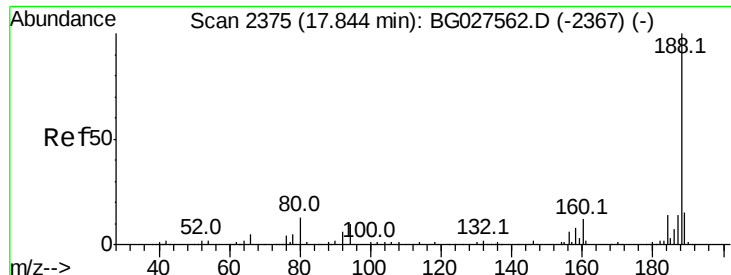
171 36.9 32.2 48.2

170 23.5 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

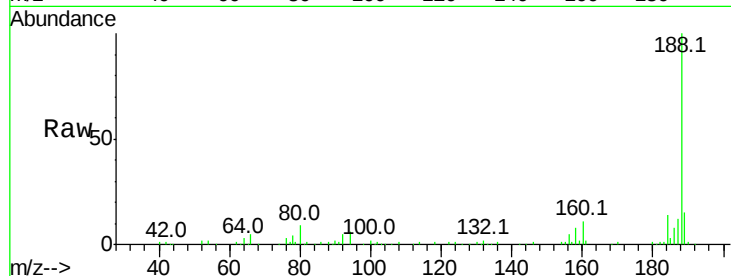




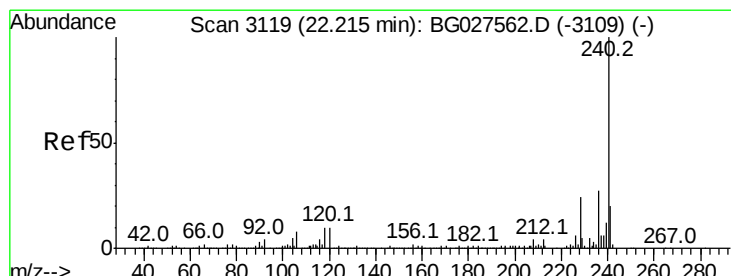
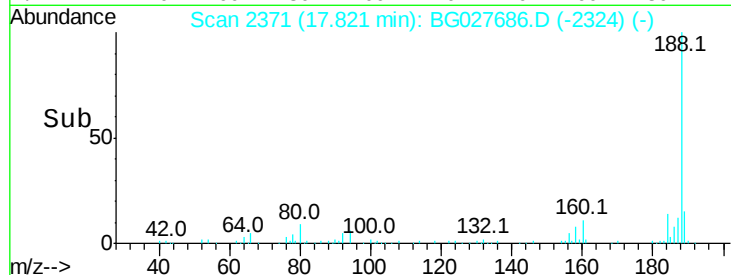
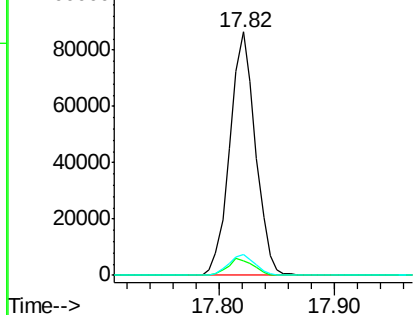
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BG027686.D
Acq: 26 Jun 2017 22:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 132683
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 8.8 7.5 11.3

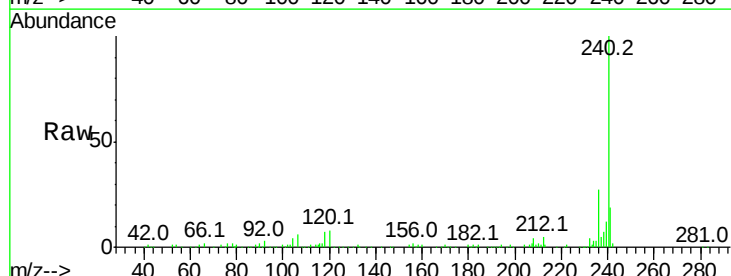


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

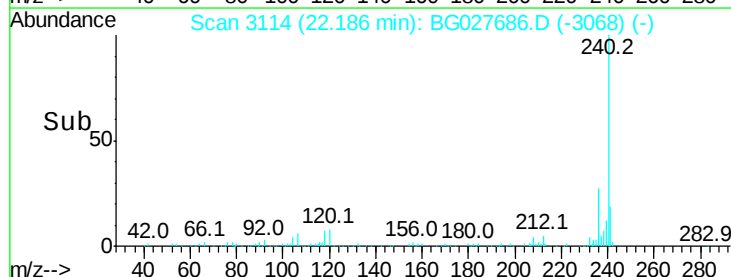
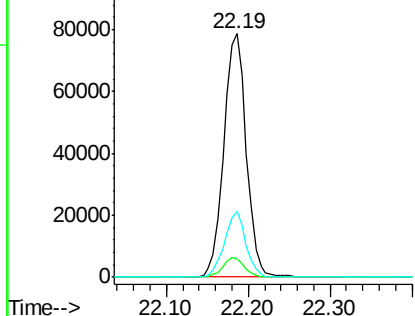


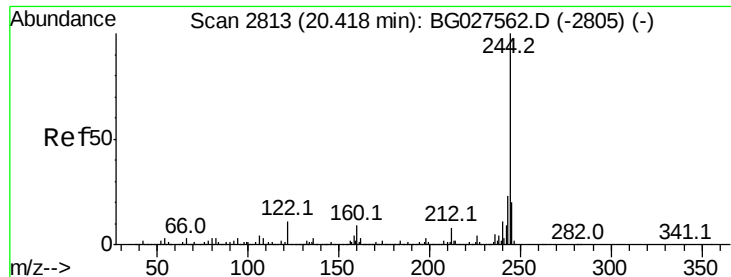
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.19 min Scan# 3114
Delta R.T. -0.03 min
Lab File: BG027686.D
Acq: 26 Jun 2017 22:27

Tgt Ion:240 Resp: 150090
Ion Ratio Lower Upper
240 100
120 7.7 5.7 8.5
236 26.8 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

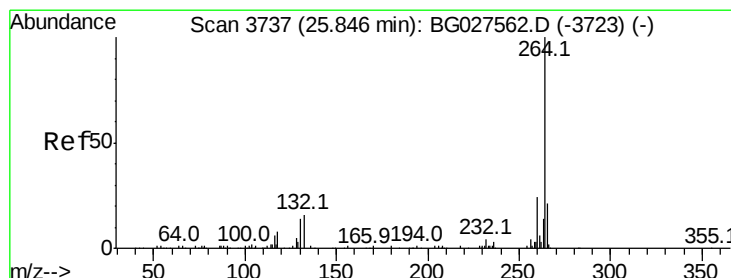
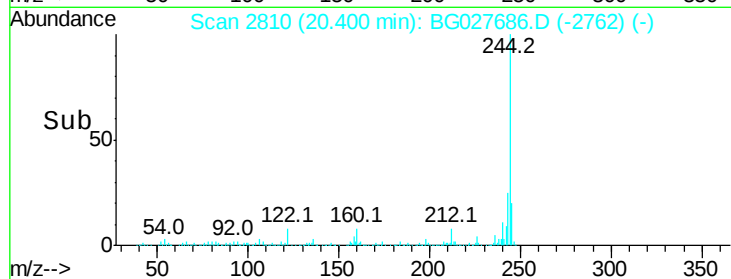
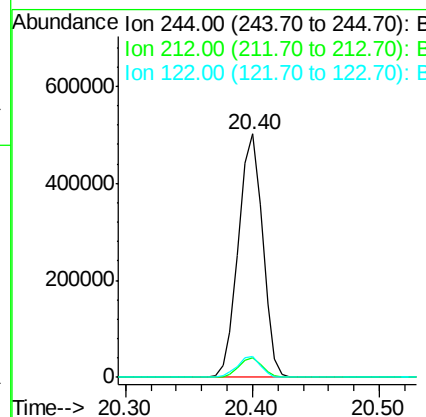
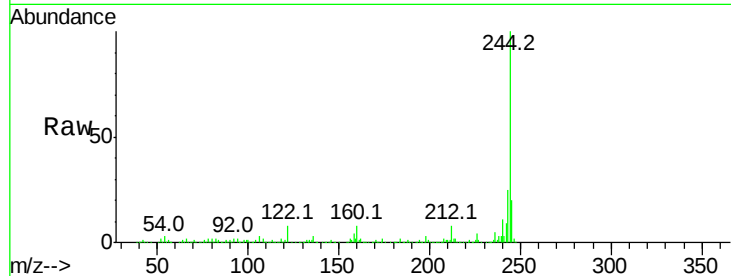




#78
 Terphenyl-d14
 Concen: 103.81 ng
 RT: 20.40 min Scan# 2810
 Delta R.T. -0.02 min
 Lab File: BG027686.D
 Acq: 26 Jun 2017 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	8.4	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: BG027686.D
 Acq: 26 Jun 2017 22:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.3	18.2	27.4

