

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027810.D
 Acq On : 2 Jul 2017 8:38
 Operator : SJ/JU
 Sample : I4030-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 07:01:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	28391	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	135542	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	91344	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	240317	20.00	ng	0.00
75) Chrysene-d12	22.17	240	245159	20.00	ng	0.00
86) Perylene-d12	25.79	264	225690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	103061	55.90	ng	0.00
7) Phenol-d6	7.62	99	87537	31.08	ng	0.00
23) Nitrobenzene-d5	9.64	82	220829	90.81	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	221032	176.42	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	596826	93.31	ng	0.00
78) Terphenyl-d14	20.39	244	1150735	110.04	ng	0.00

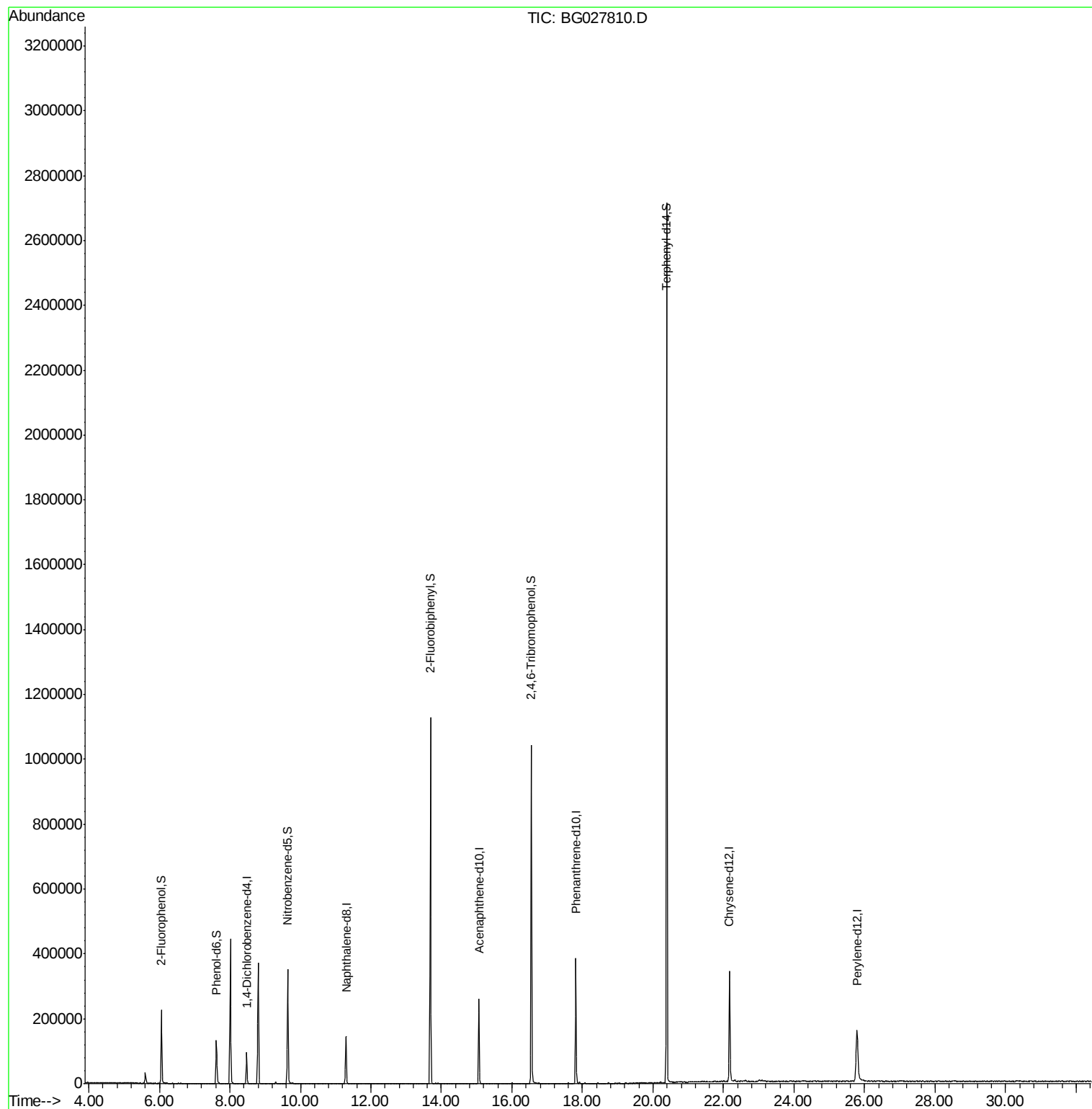
Target Compounds Qvalue

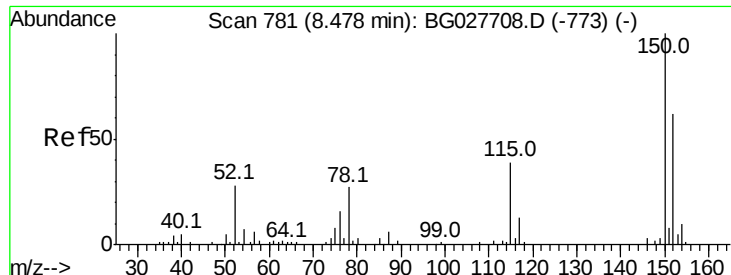
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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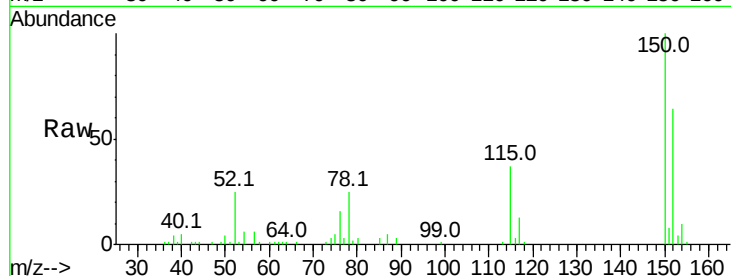


#1

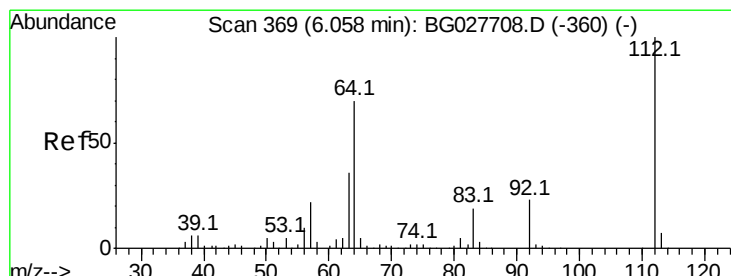
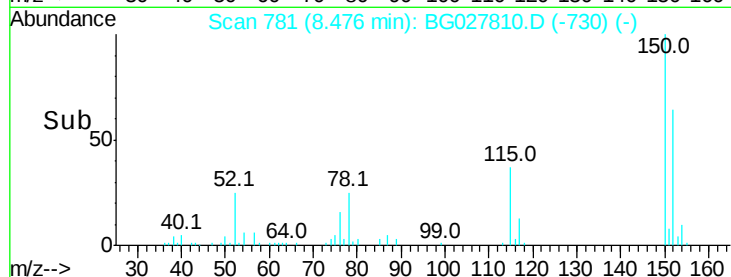
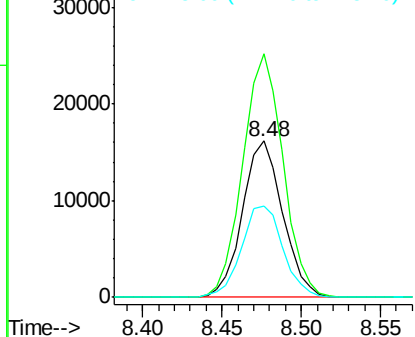
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027810.D
Acq: 2 Jul 2017 8:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28391
Ion Ratio Lower Upper
152 100
150 155.8 114.0 171.0
115 58.3 48.1 72.1



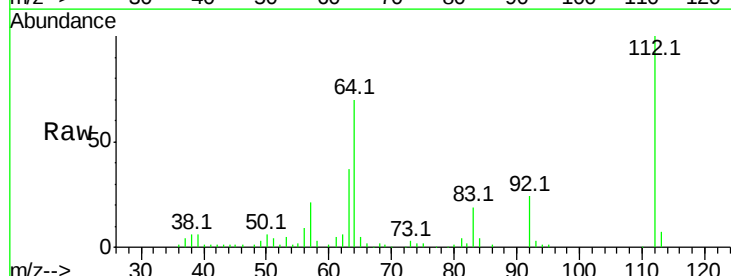
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



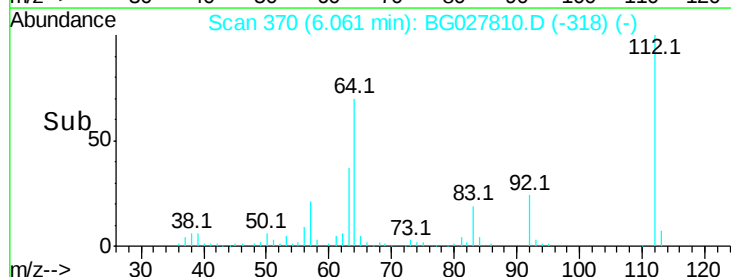
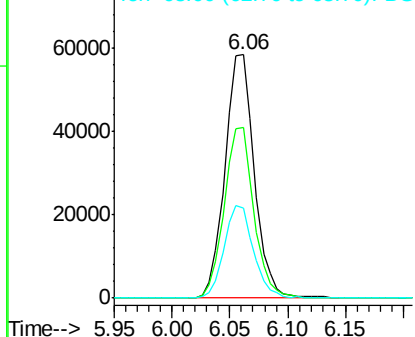
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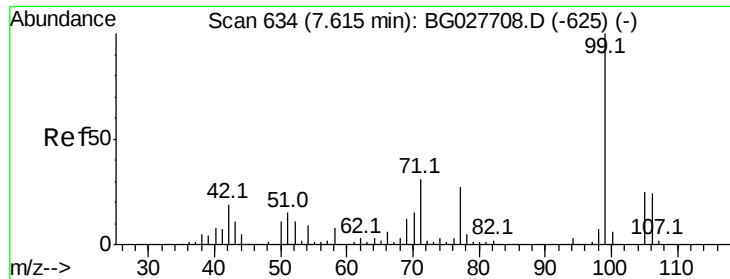
2-Fluorophenol
Concen: 55.90 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027810.D
Acq: 2 Jul 2017 8:38

Tgt Ion:112 Resp: 103061
Ion Ratio Lower Upper
112 100
64 70.0 61.8 92.6
63 36.8 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: 31.08 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027810.D

Acq: 2 Jul 2017 8:38

Instrument :

BNA_G

ClientSampleId :

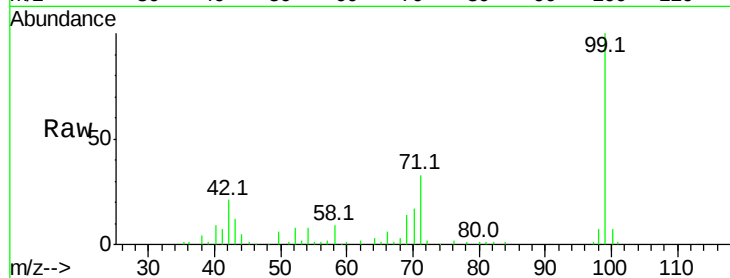
Tot Ion: 99 Resp: 87537

Ion Ratio Lower Upper

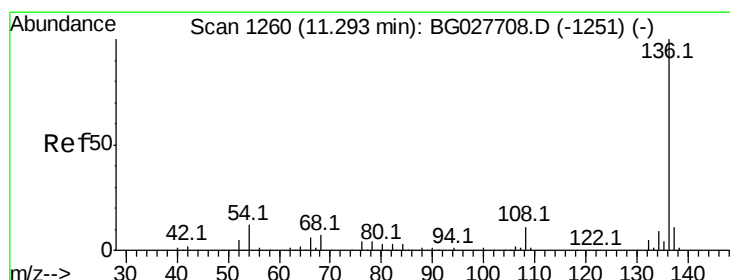
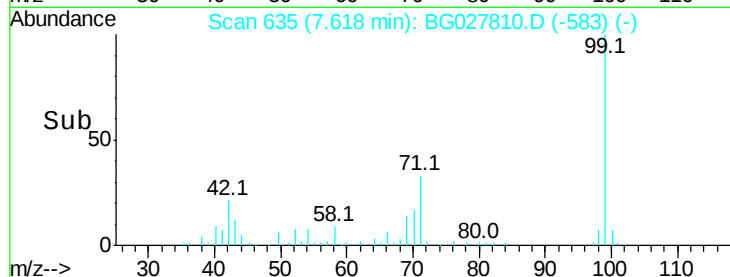
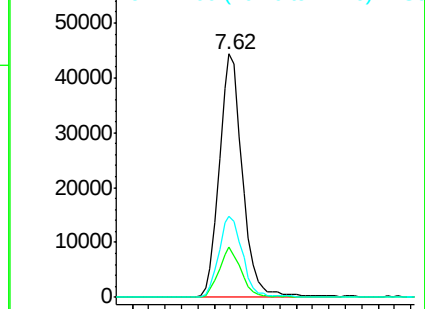
99 100

42 20.5 20.5 30.7

71 33.2 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# 1261

Delta R.T. 0.00 min

Lab File: BG027810.D

Acq: 2 Jul 2017 8:38

Tgt Ion: 136 Resp: 135542

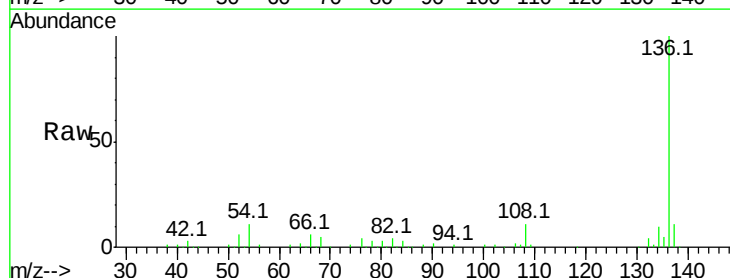
Ion Ratio Lower Upper

136 100

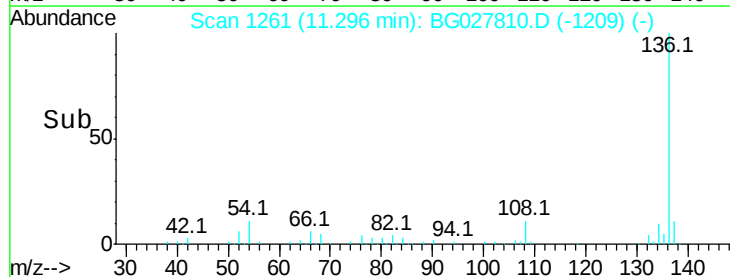
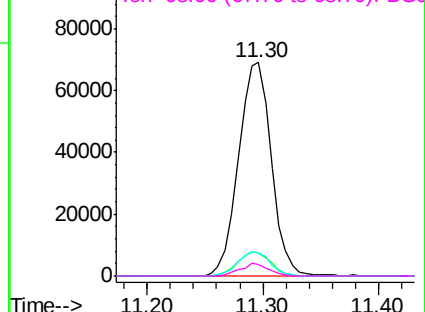
137 10.9 8.9 13.3

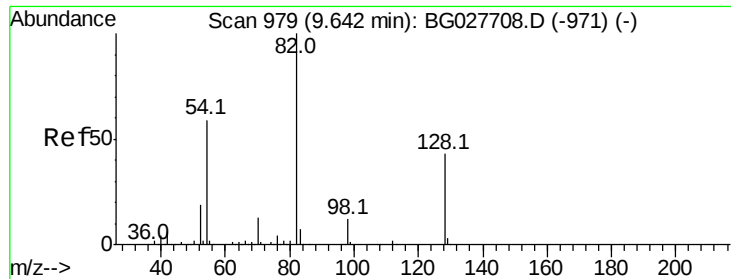
54 11.0 9.3 13.9

68 5.2 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

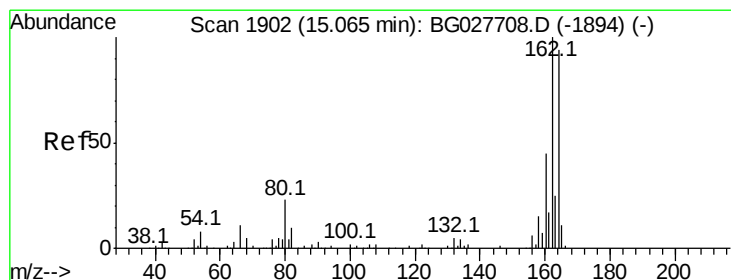
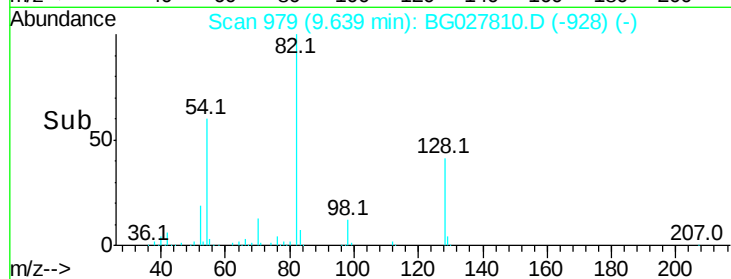
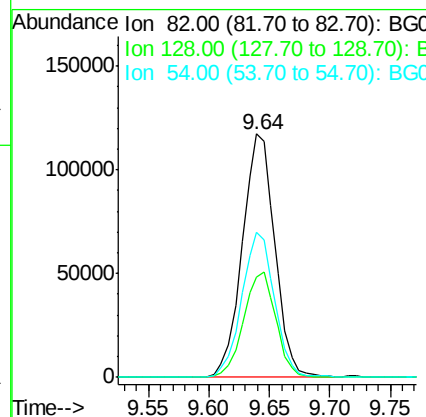
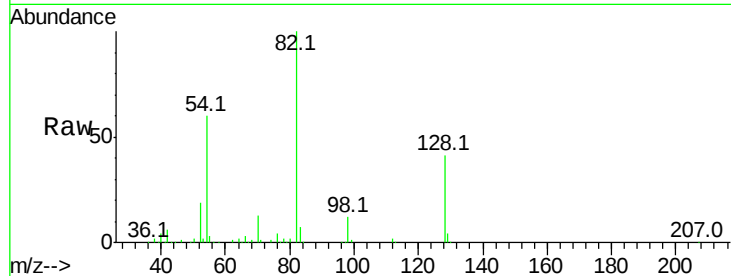




#23
 Nitrobenzene-d5
 Concen: 90.81 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027810.D
 Acq: 2 Jul 2017 8:38

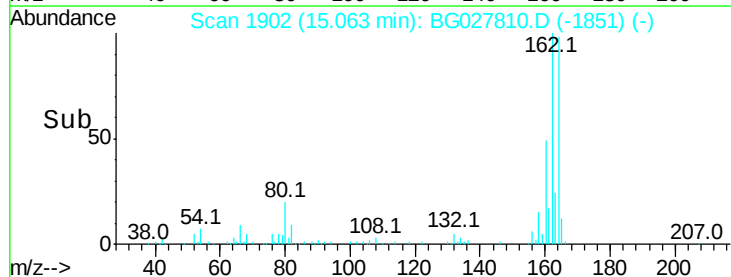
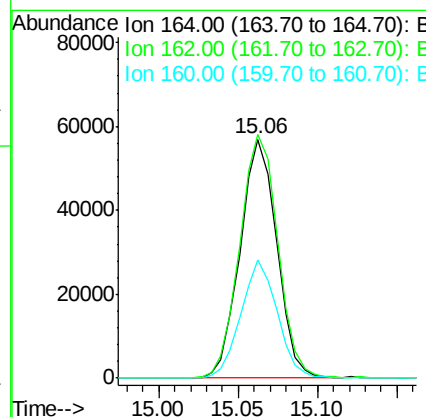
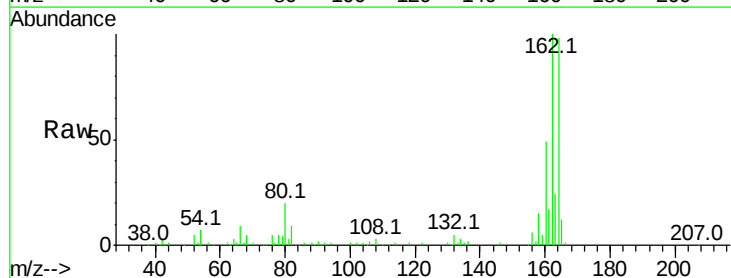
Instrument :
 BNA_G
 ClientSampleId :

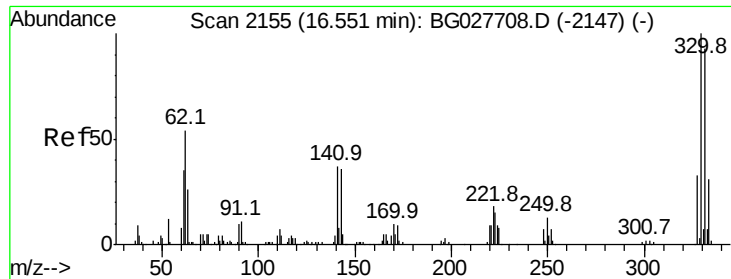
Tot Ion	82	Resp	220829
Ion	Ratio	Lower	Upper
82	100		
128	41.3	26.4	39.6#
54	59.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027810.D
 Acq: 2 Jul 2017 8:38

Tgt Ion	164	Resp	91344
Ion	Ratio	Lower	Upper
164	100		
162	101.9	85.1	127.7
160	49.7	34.7	52.1

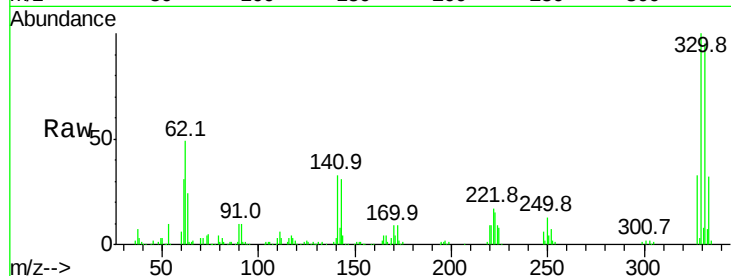




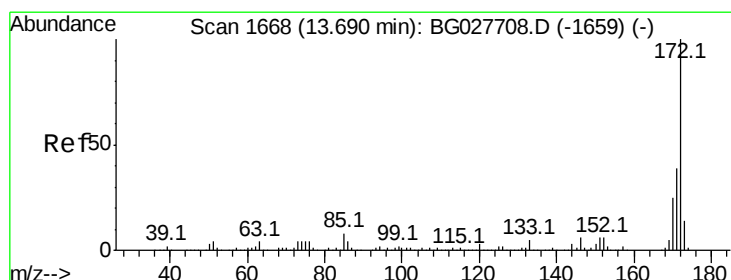
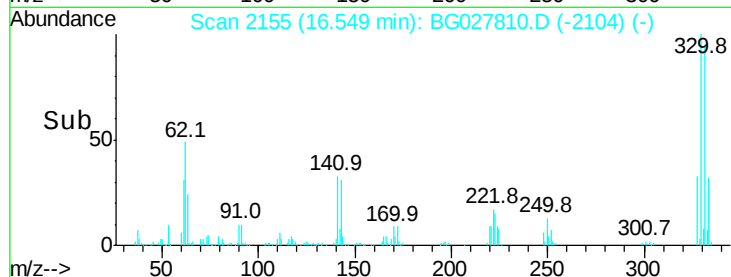
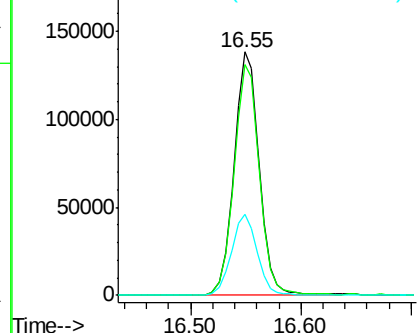
#41
 2,4,6-Tribromophenol
 Concen: 176.42 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027810.D
 Acq: 2 Jul 2017 8:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	34.1	32.1	48.1

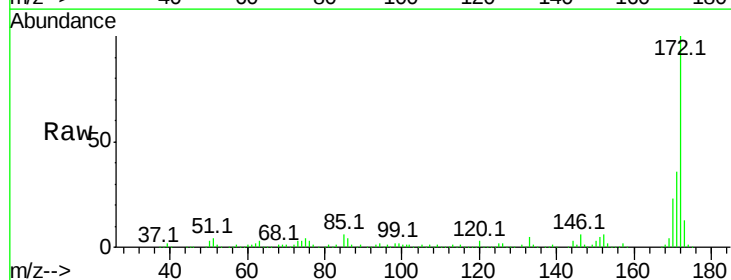


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

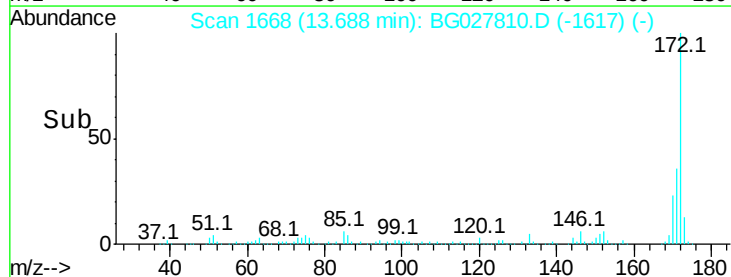
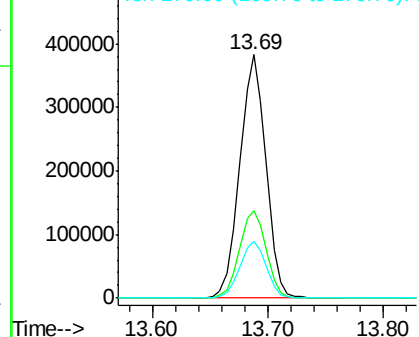


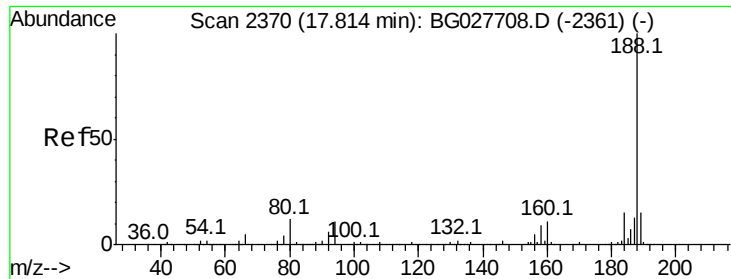
#44
 2-Fluorobiphenyl
 Concen: 93.31 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027810.D
 Acq: 2 Jul 2017 8:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

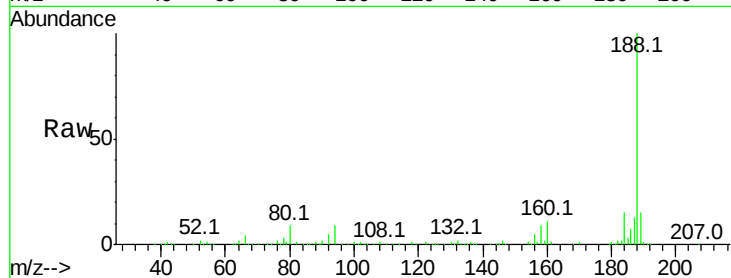




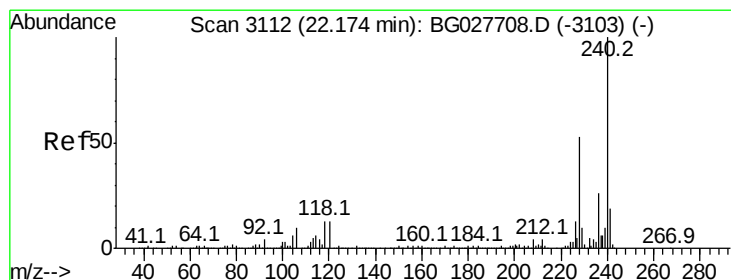
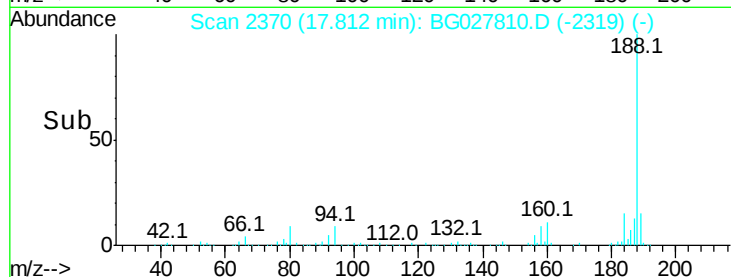
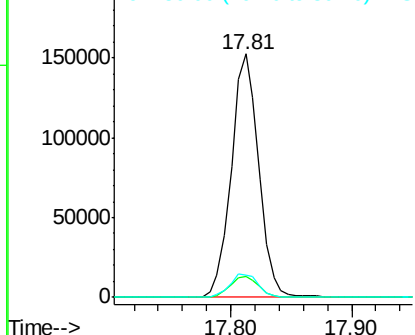
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027810.D
Acq: 2 Jul 2017 8:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 240317
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 9.3 7.5 11.3

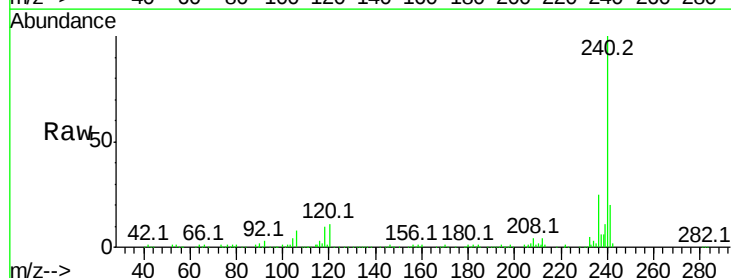


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

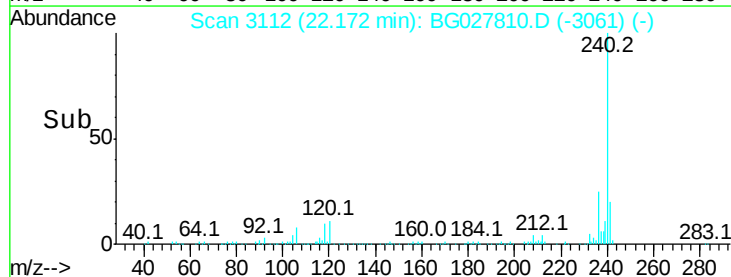
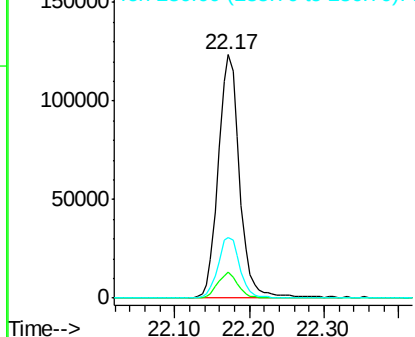


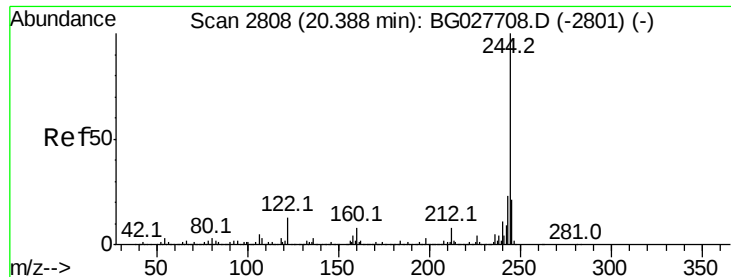
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027810.D
Acq: 2 Jul 2017 8:38

Tgt Ion:240 Resp: 245159
Ion Ratio Lower Upper
240 100
120 10.9 5.7 8.5#
236 25.0 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

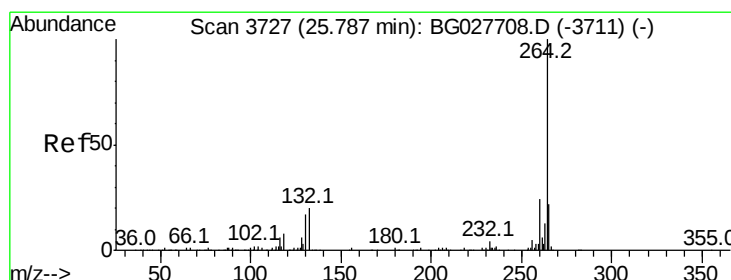
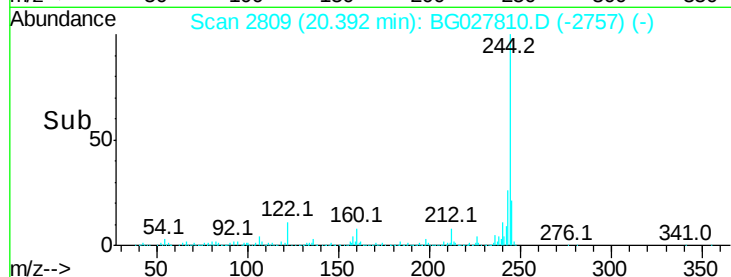
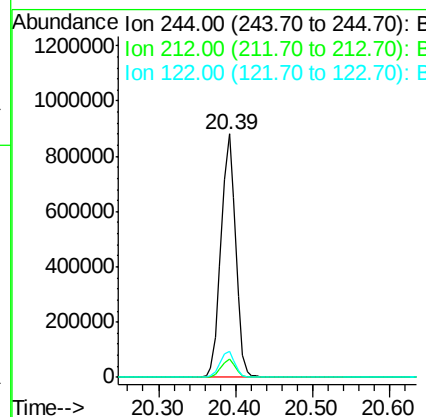
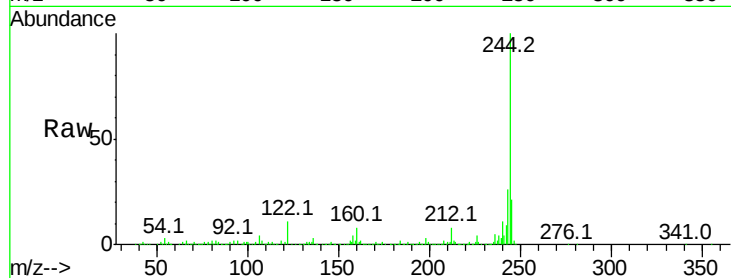




#78
 Terphenyl-d14
 Concen: 110.04 ng
 RT: 20.39 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BG027810.D
 Acq: 2 Jul 2017 8:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1150735
 Ion Ratio Lower Upper
 244 100
 212 7.7 10.0 15.0#
 122 10.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.79 min Scan# 3728
 Delta R.T. 0.00 min
 Lab File: BG027810.D
 Acq: 2 Jul 2017 8:38

Tgt Ion:264 Resp: 225690
 Ion Ratio Lower Upper
 264 100
 260 22.2 21.8 32.8
 265 20.1 18.2 27.4

