

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\
 Data File : BG027881.D
 Acq On : 7 Jul 2017 23:17
 Operator : SJ/JU
 Sample : I4070-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 02:13:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

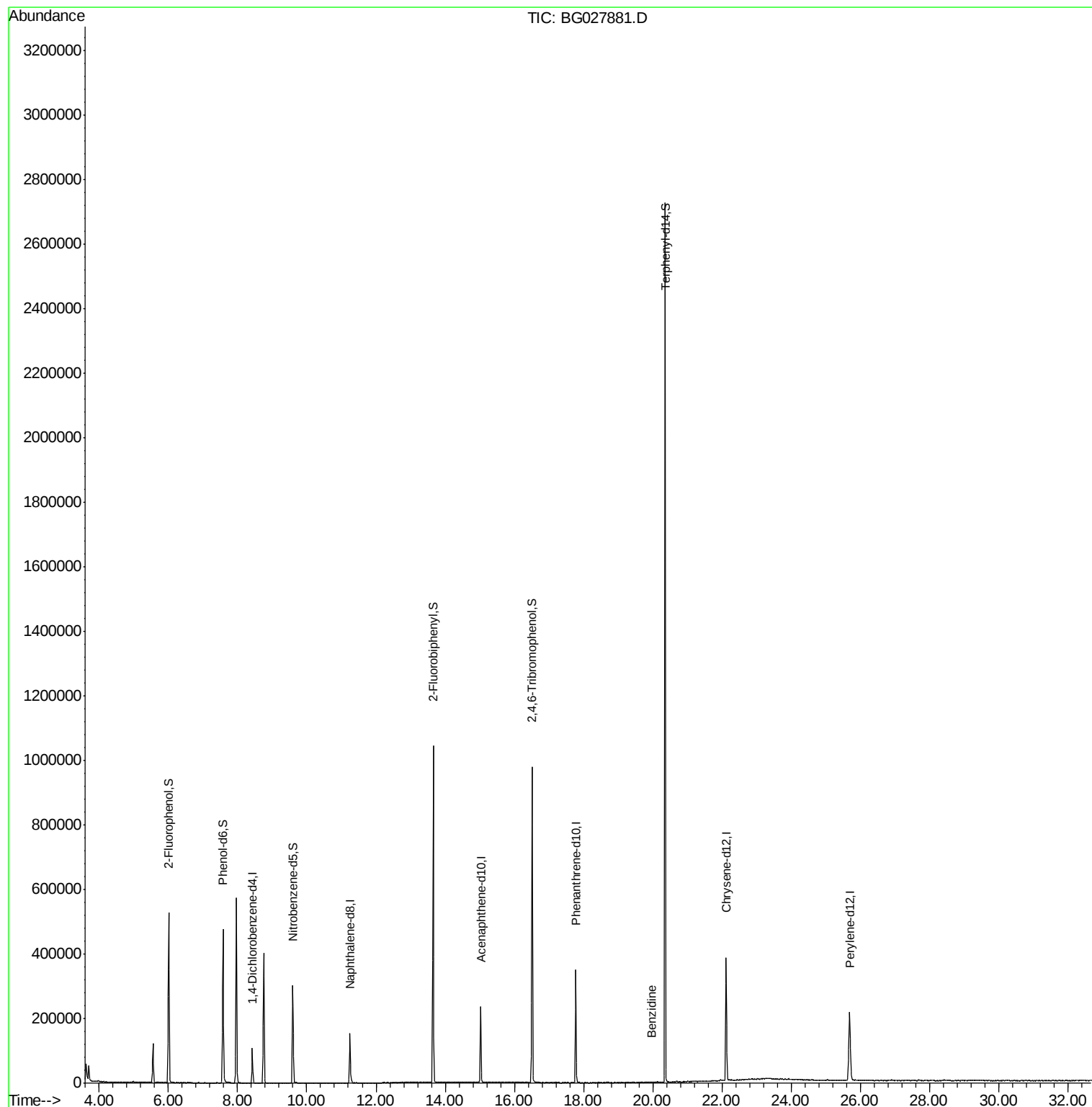
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	35994	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	152823	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	87694	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	225001	20.00	ng	0.00
75) Chrysene-d12	22.12	240	257329	20.00	ng	0.00
86) Perylene-d12	25.69	264	240534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	300991	128.77	ng	0.00
7) Phenol-d6	7.58	99	387250	108.45	ng	0.00
23) Nitrobenzene-d5	9.59	82	223588	81.55	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	226876	188.62	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	595710	97.02	ng	0.00
78) Terphenyl-d14	20.36	244	1219460	111.10	ng	0.00
Target Compounds						
76) Benzidine	19.96	184	2716	3.63	ng	Qvalue # 64

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

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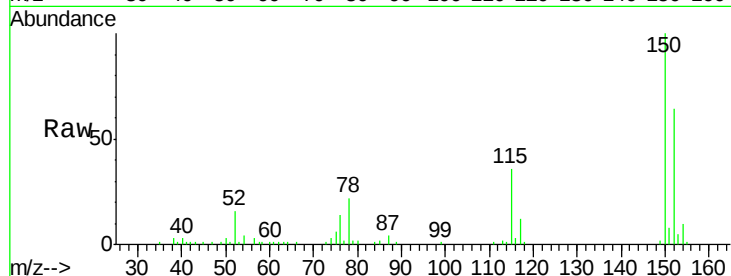


#1

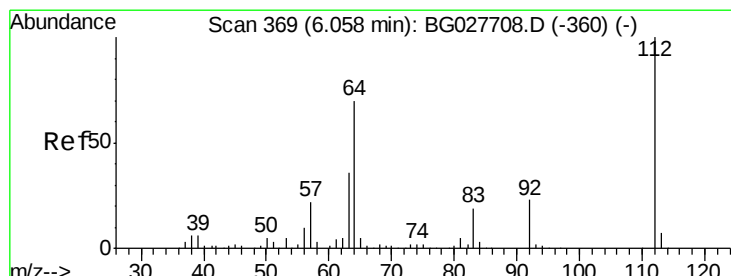
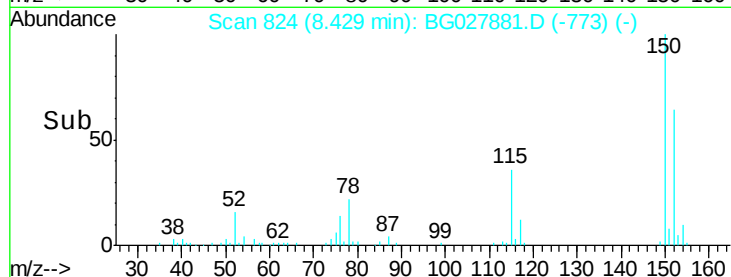
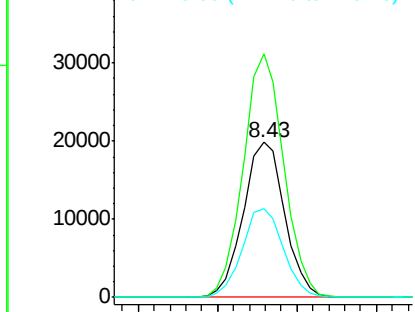
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35994
Ion Ratio Lower Upper
152 100
150 156.9 114.0 171.0
115 56.9 48.1 72.1



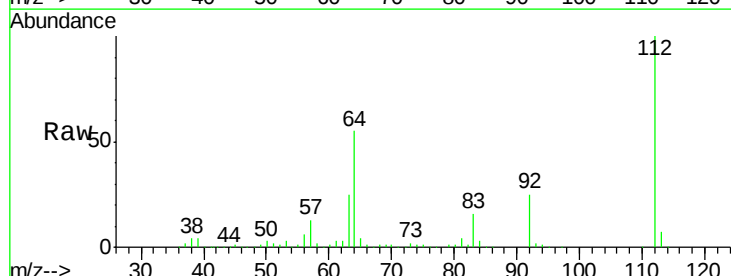
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



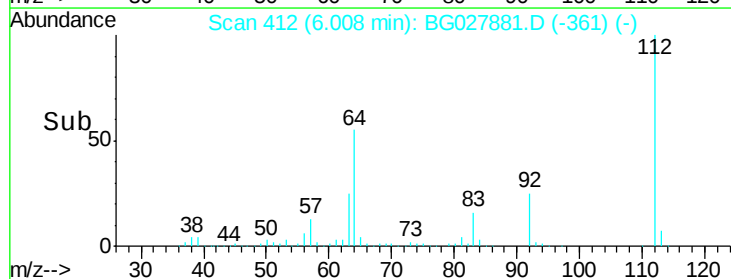
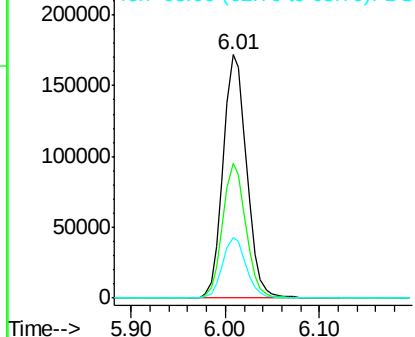
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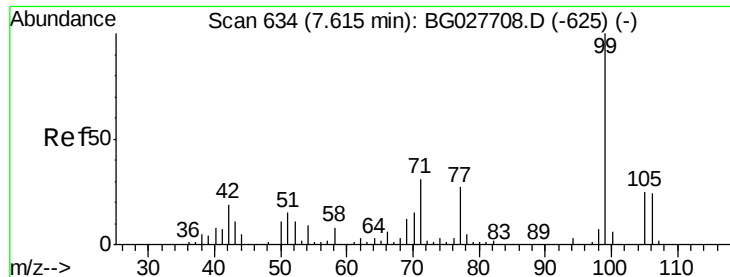
2-Fluorophenol
Concen: 128.77 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Tgt Ion:112 Resp: 300991
Ion Ratio Lower Upper
112 100
64 55.4 61.8 92.6#
63 24.6 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: 108.45 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027881.D

Acq: 7 Jul 2017 23:17

Instrument :

BNA_G

ClientSampled :

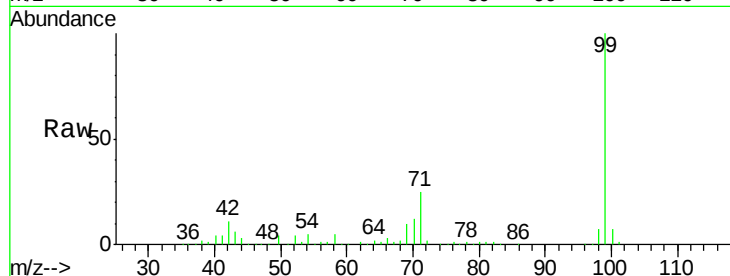
Tot Ion: 99 Resp: 387250

Ion Ratio Lower Upper

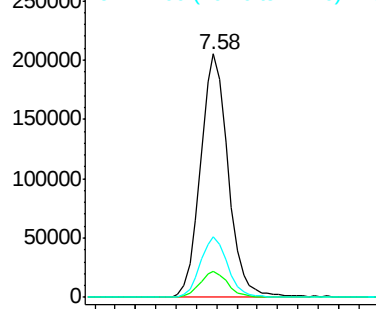
99 100

42 10.7 20.5 30.7#

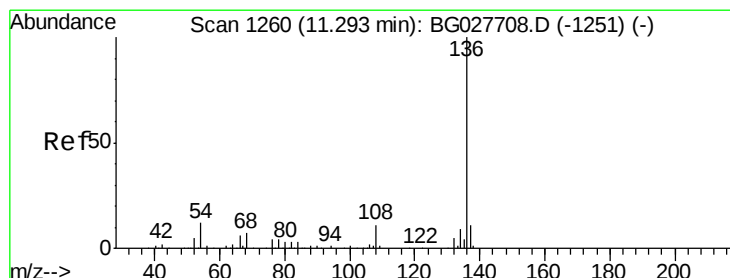
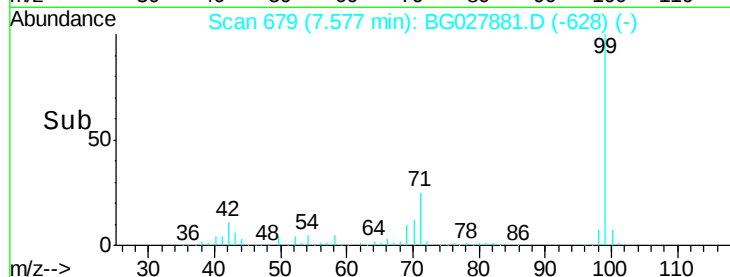
71 24.8 37.6 56.4#



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027881.D

Acq: 7 Jul 2017 23:17

Tgt Ion: 136 Resp: 152823

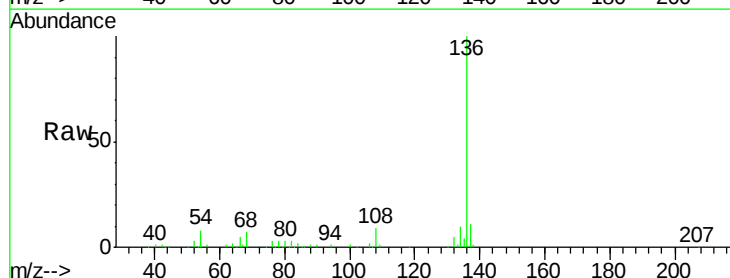
Ion Ratio Lower Upper

136 100

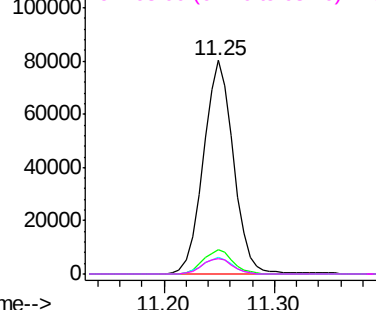
137 11.1 8.9 13.3

54 7.5 9.3 13.9#

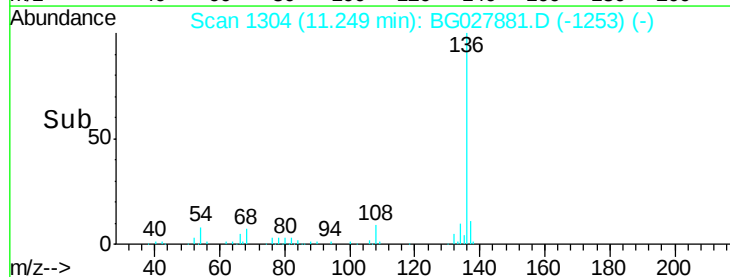
68 7.2 5.1 7.7

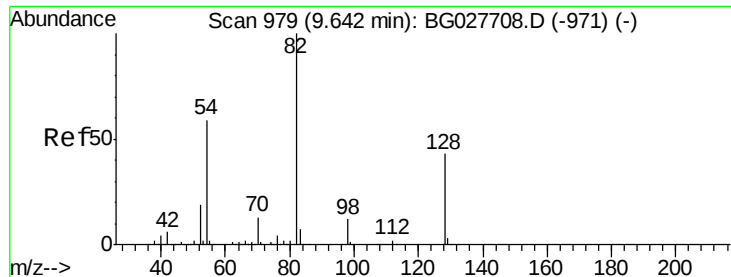


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

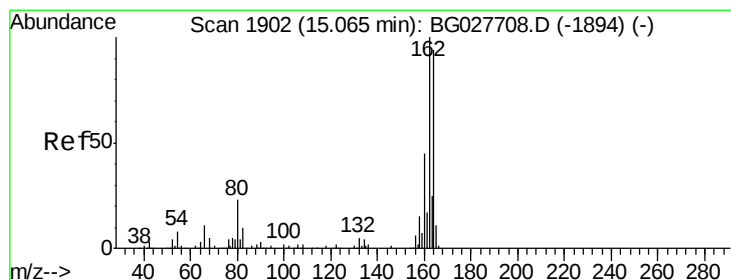
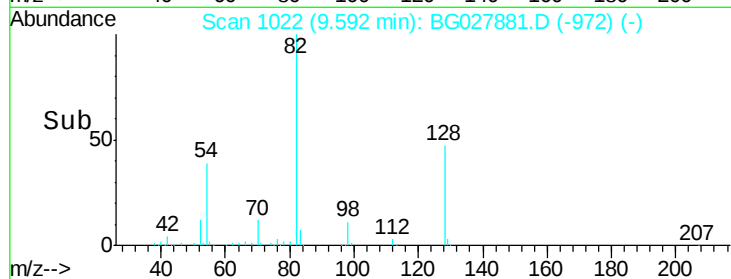
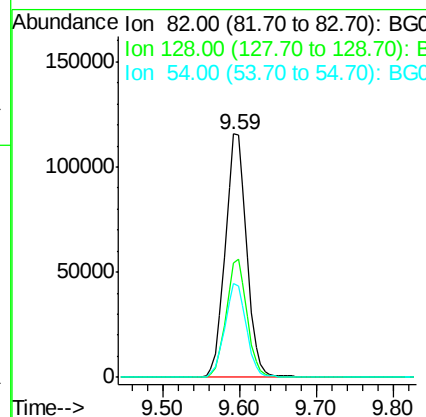
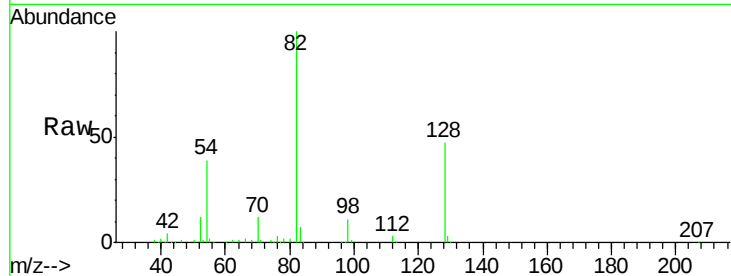




#23
 Nitrobenzene-d5
 Concen: 81.55 ng
 RT: 9.59 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027881.D
 Acq: 7 Jul 2017 23:17

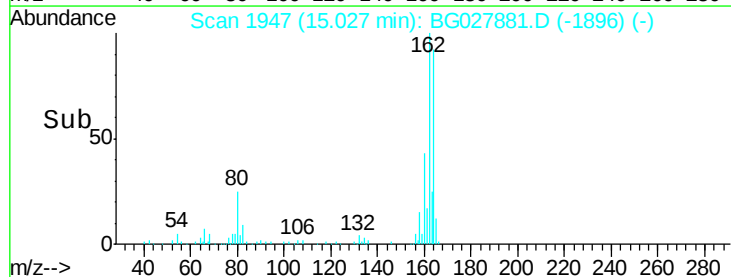
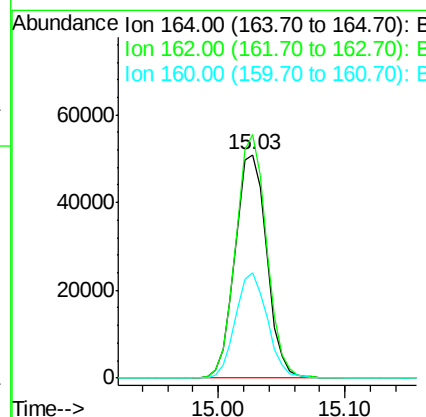
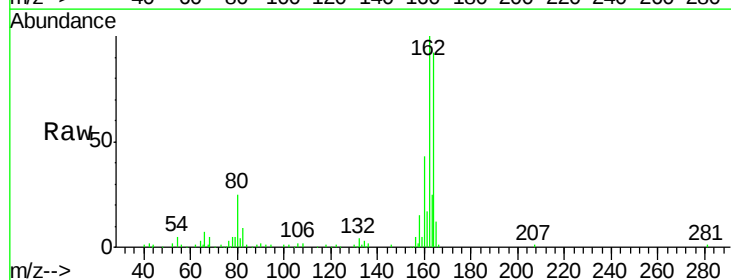
Instrument :
 BNA_G
 ClientSampleId :

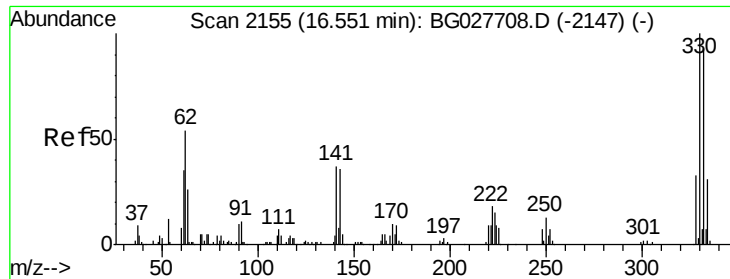
Tot Ion	82	Resp	223588
Ion Ratio	Lower	Upper	
82	100		
128	47.2	26.4	39.6#
54	38.7	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BG027881.D
 Acq: 7 Jul 2017 23:17

Tgt Ion	164	Resp	87694
Ion Ratio	Lower	Upper	
164	100		
162	109.1	85.1	127.7
160	47.1	34.7	52.1

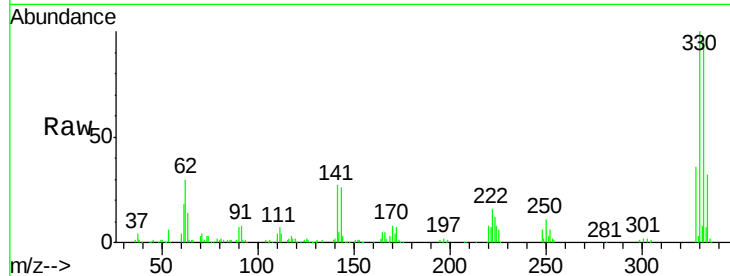




#41
 2,4,6-Tribromophenol
 Concen: 188.62 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027881.D
 Acq: 7 Jul 2017 23:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	28.2	32.1	48.1#

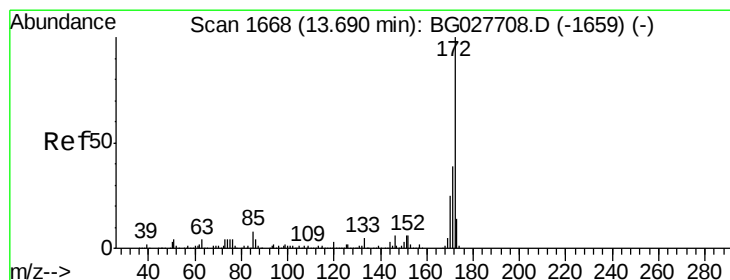
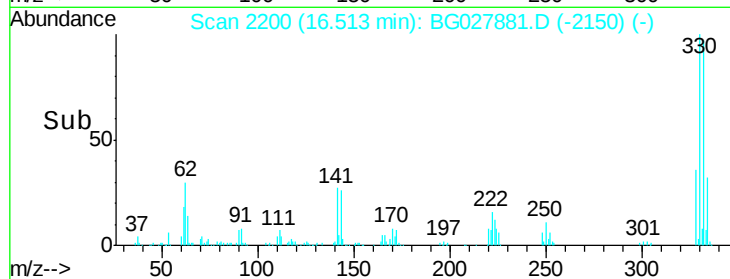
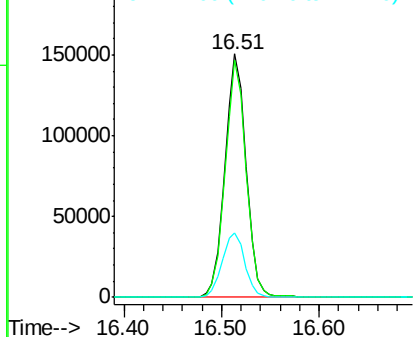


Abundance

Ion 329.80 (329.50 to 330.50): E

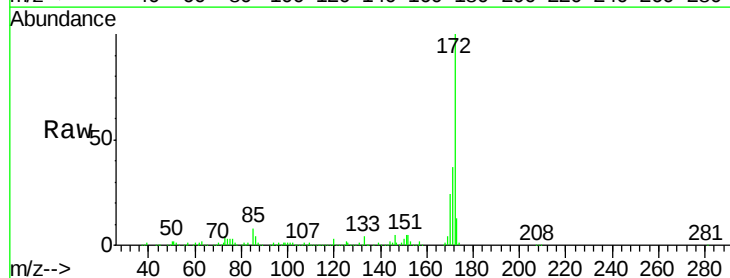
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.02 ng
 RT: 13.65 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG027881.D
 Acq: 7 Jul 2017 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	23.7	21.8	32.6

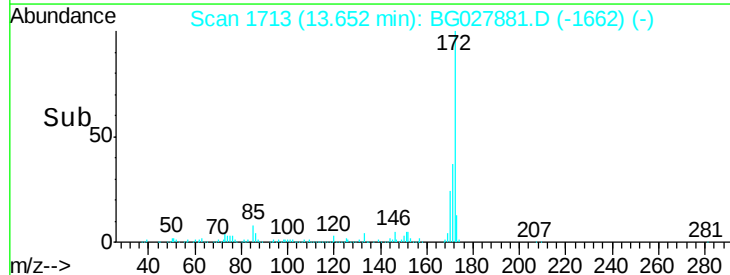
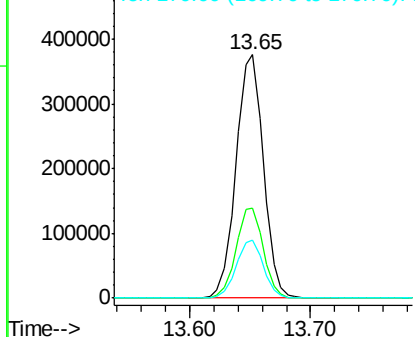


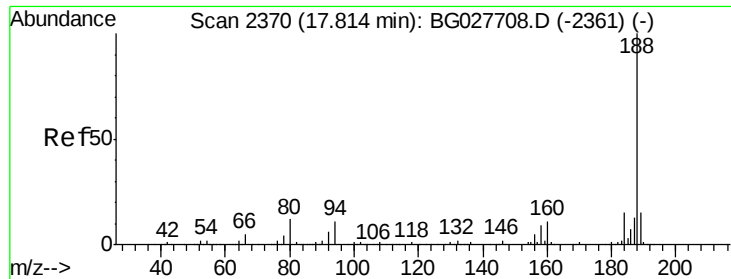
Abundance

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

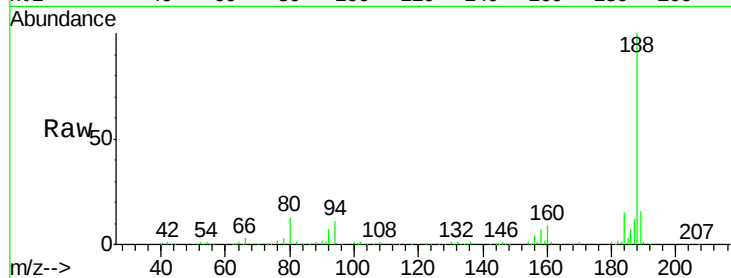




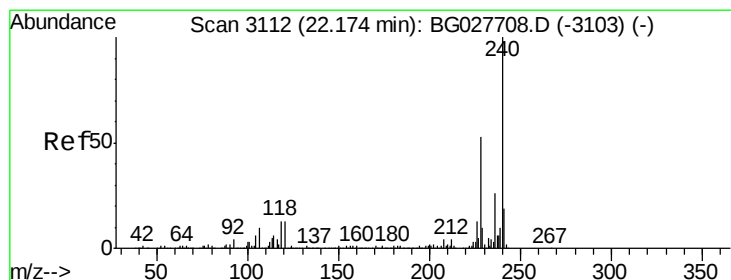
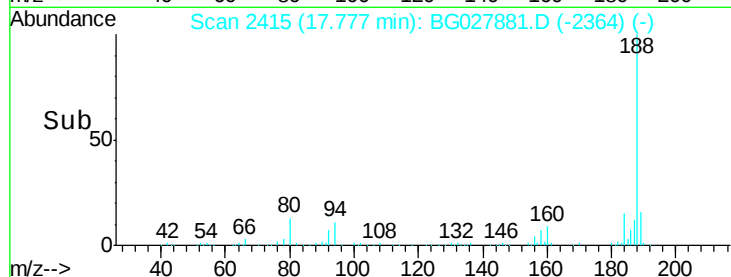
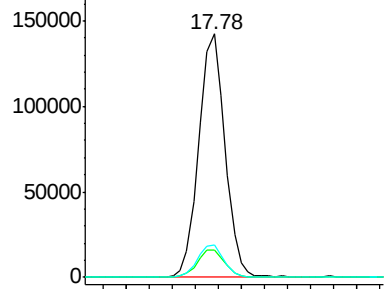
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.78 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 225001
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.8#
80 13.1 7.5 11.3#

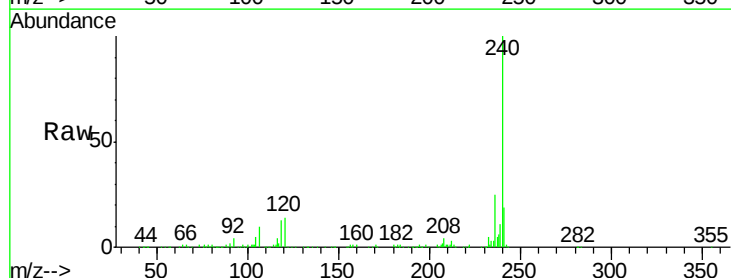


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

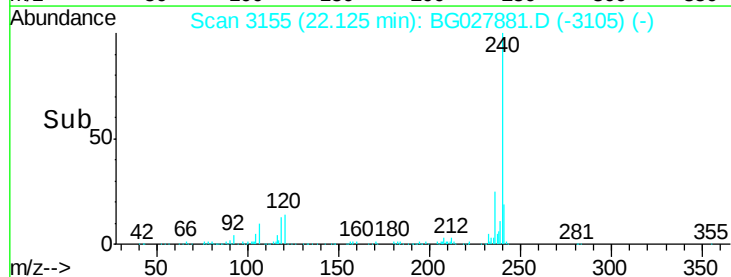
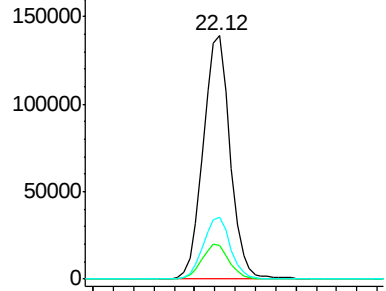


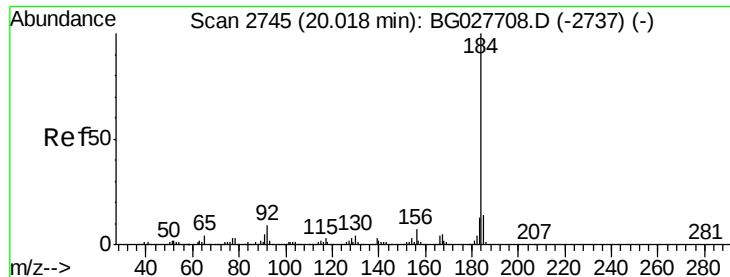
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.12 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Tgt Ion:240 Resp: 257329
Ion Ratio Lower Upper
240 100
120 14.0 5.7 8.5#
236 25.3 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

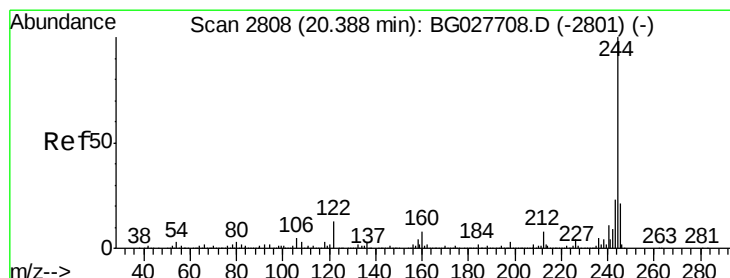
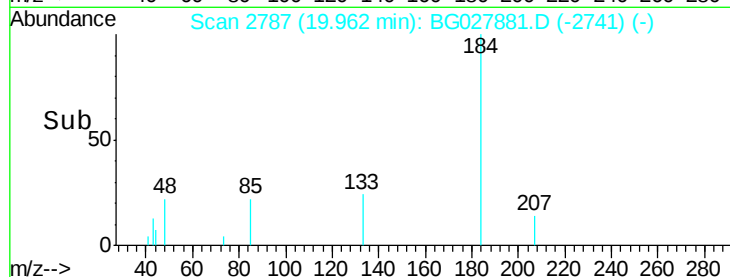
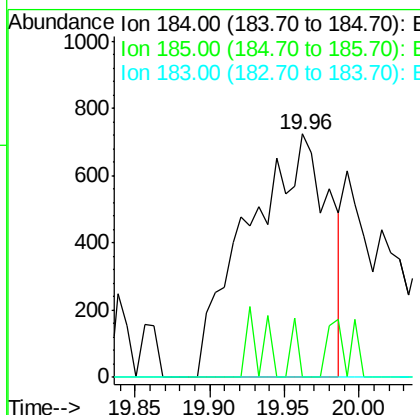
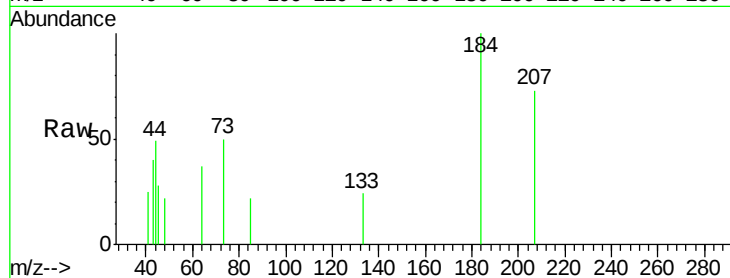




#76
Benzidine
Concen: 3.63 ng
RT: 19.96 min Scan# 2787
Delta R.T. -0.03 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

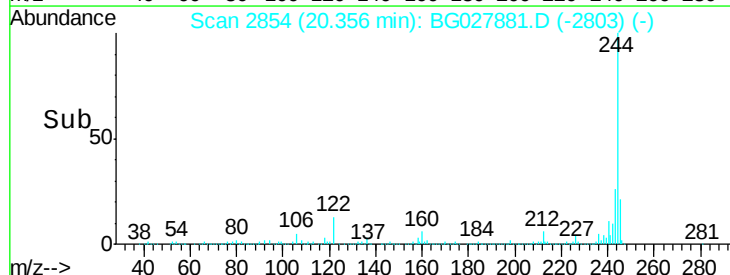
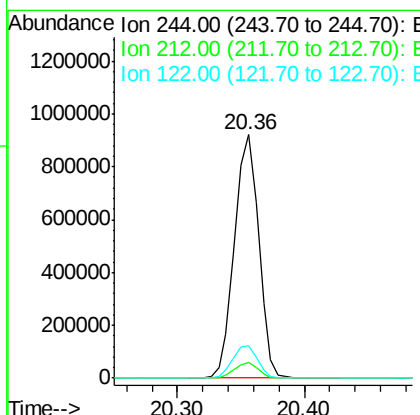
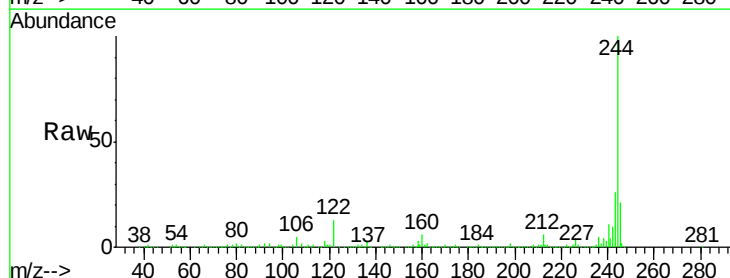
Instrument :
BNA_G
ClientSampled :

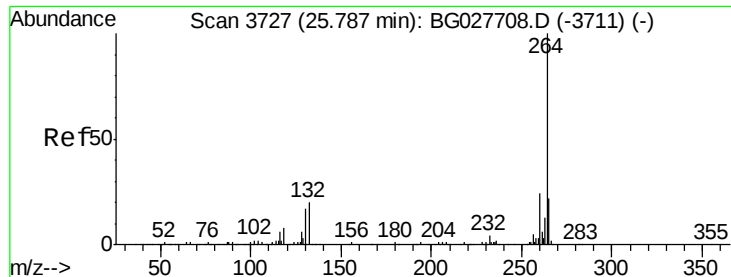
Tot Ion:184 Resp: 2716
Ion Ratio Lower Upper
184 100
185 0.0 13.0 19.6#
183 0.0 11.0 16.6#



#78
Terphenyl-d14
Concen: 111.10 ng
RT: 20.36 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Tgt Ion:244 Resp: 1219460
Ion Ratio Lower Upper
244 100
212 6.5 10.0 15.0#
122 13.3 8.6 12.8#

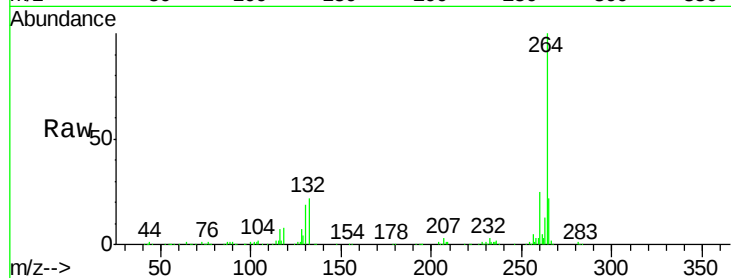




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.69 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG027881.D
Acq: 7 Jul 2017 23:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	240534
Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	22.2	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

