

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\  
 Data File : BG027878.D  
 Acq On : 7 Jul 2017 21:18  
 Operator : SJ/JU  
 Sample : I4070-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 08 02:13:09 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

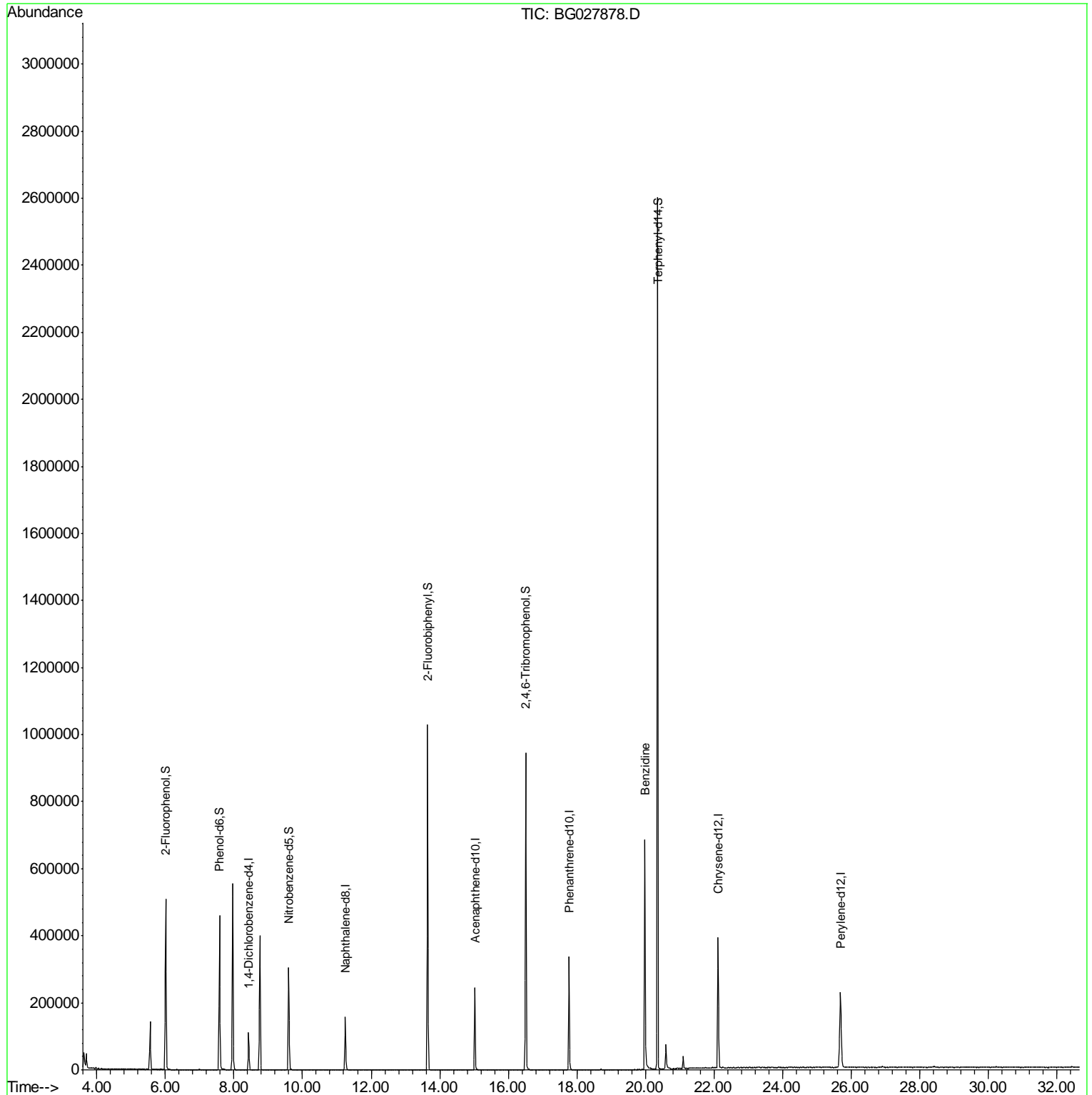
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	36425	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	158657	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	87821	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	222059	20.00	ng	0.00
75) Chrysene-d12	22.12	240	261908	20.00	ng	0.00
86) Perylene-d12	25.69	264	251155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	286080	120.94	ng	0.00
7) Phenol-d6	7.58	99	370461	102.52	ng	0.00
23) Nitrobenzene-d5	9.60	82	221897	77.96	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	214987	178.48	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	592933	96.42	ng	0.00
78) Terphenyl-d14	20.36	244	1145972	102.58	ng	0.00
Target Compounds						Qvalue
76) Benzidine	19.99	184	475545	74.38	ng	97

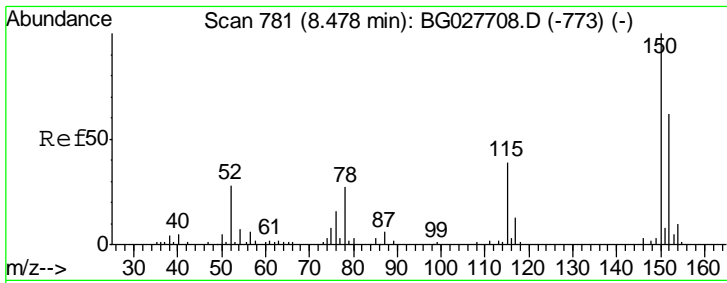
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\  
Data File : BG027878.D  
Acq On : 7 Jul 2017 21:18  
Operator : SJ/JU  
Sample : I4070-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :

Quant Time: Jul 08 02:13:09 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

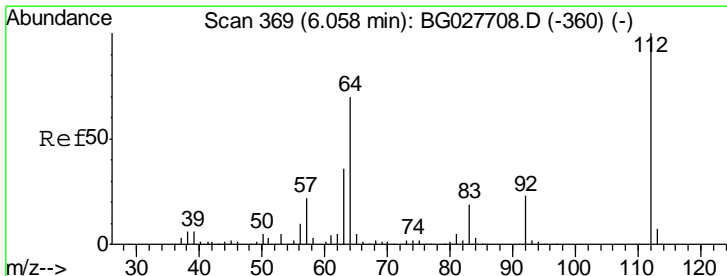
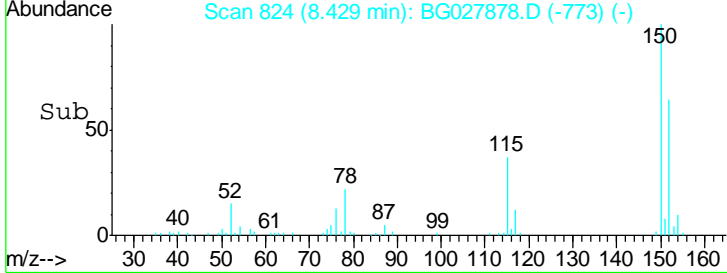
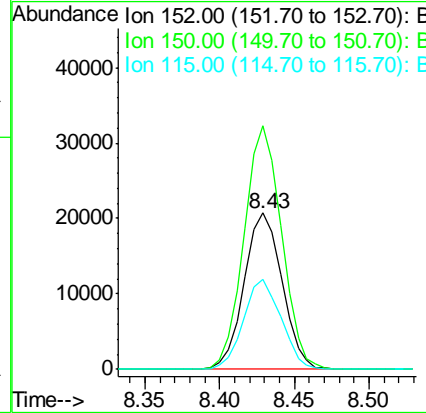
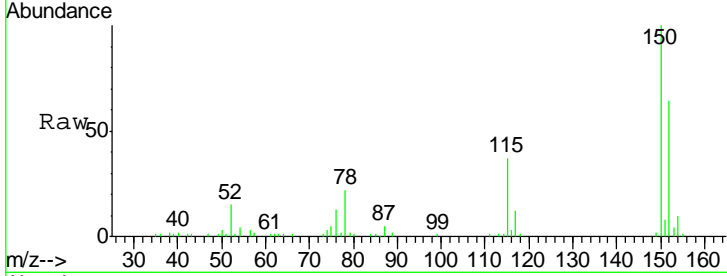




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 8.43 min Scan# 824  
 Delta R.T. 0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

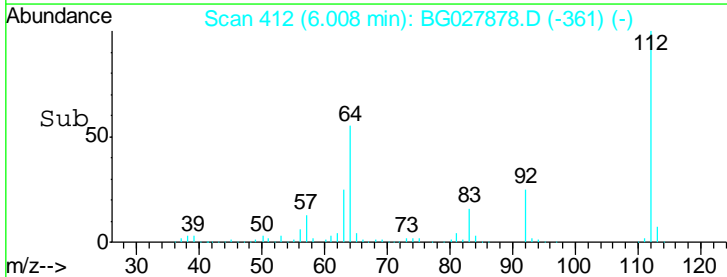
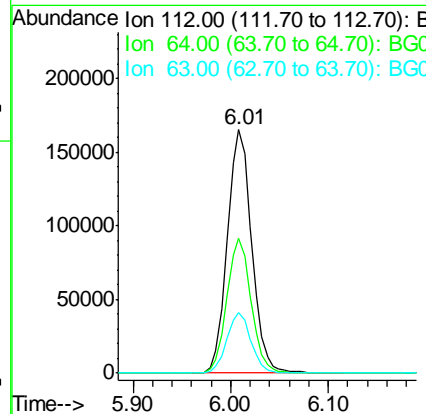
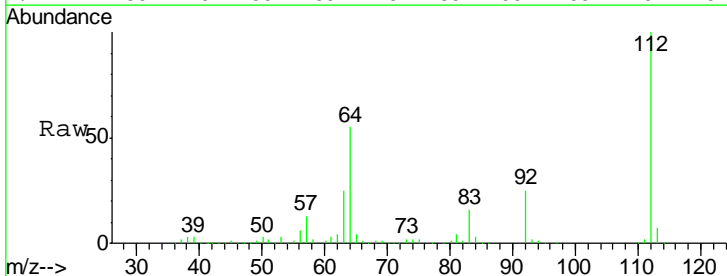
Instrument :  
 BNA\_G  
 ClientSampled :

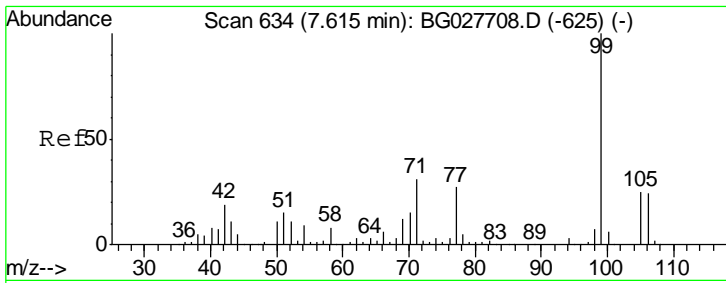
Tgt Ion	Resp	Lower	Upper
152	100		
150	156.1	114.0	171.0
115	57.9	48.1	72.1



#5  
 2-Fluorophenol  
 Concen: 120.94 ng  
 RT: 6.01 min Scan# 412  
 Delta R.T. 0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

Tgt Ion	Resp	Lower	Upper
112	100		
64	55.3	61.8	92.6#
63	24.8	37.2	55.8#

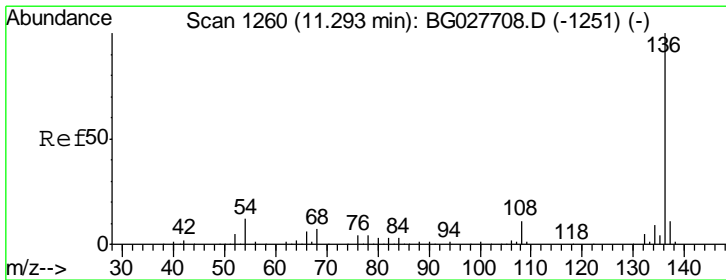
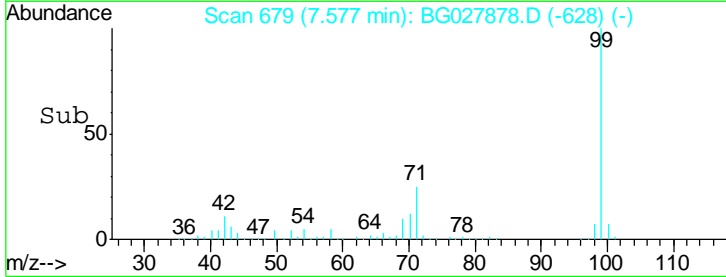
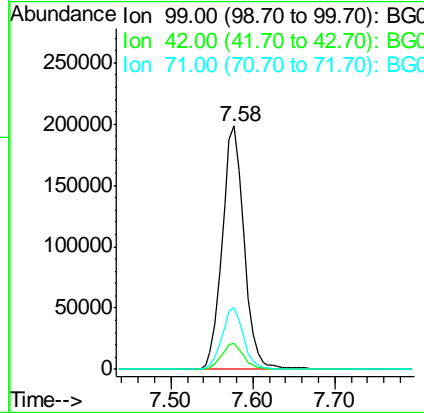
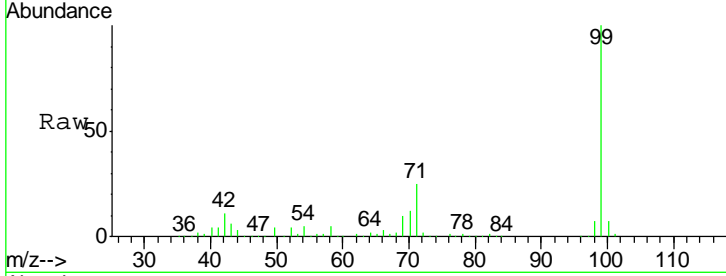




#7  
 Phenol-d6  
 Concen: 102.52 ng  
 RT: 7.58 min Scan# 679  
 Delta R.T. 0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

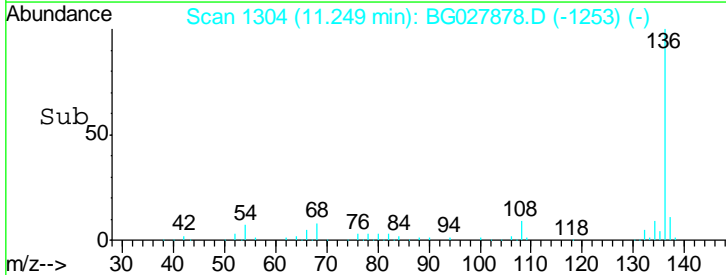
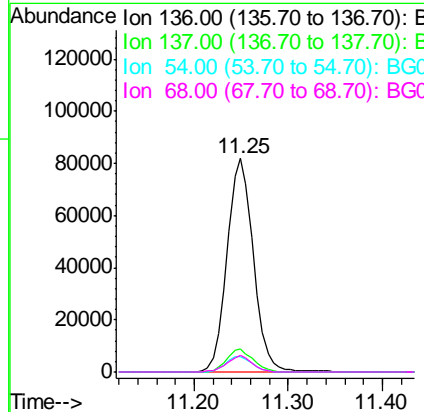
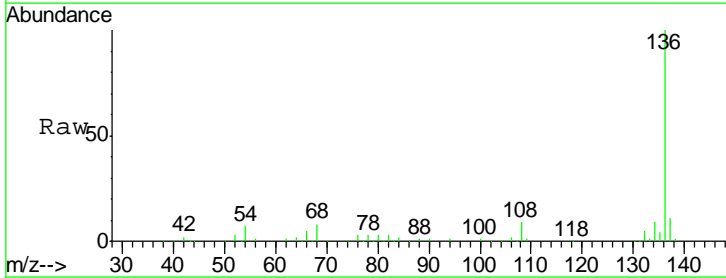
Instrument :  
 BNA\_G  
 ClientSampled :

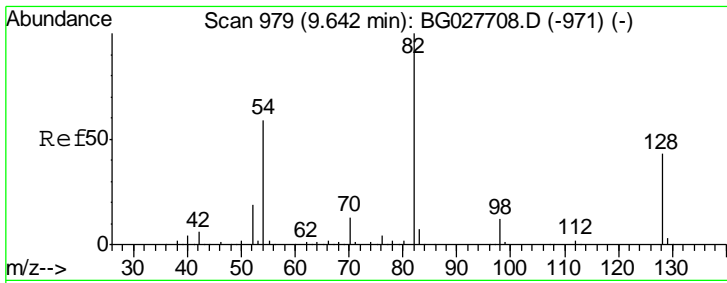
Tgt Ion	Resp	Lower	Upper
99	370461		
42	10.5	20.5	30.7#
71	25.2	37.6	56.4#



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 11.25 min Scan# 1304  
 Delta R.T. 0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

Tgt Ion	Resp	Lower	Upper
136	158657		
137	10.8	8.9	13.3
54	7.1	9.3	13.9#
68	7.9	5.1	7.7#

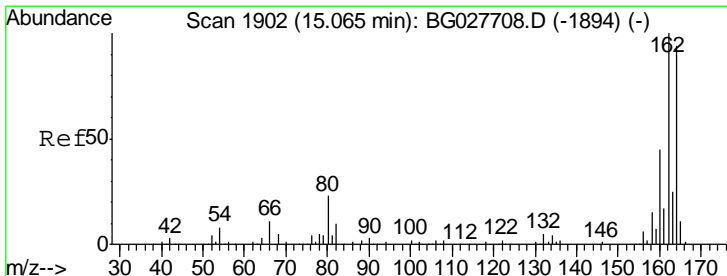
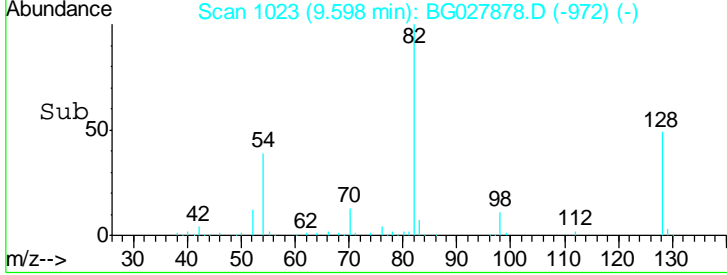
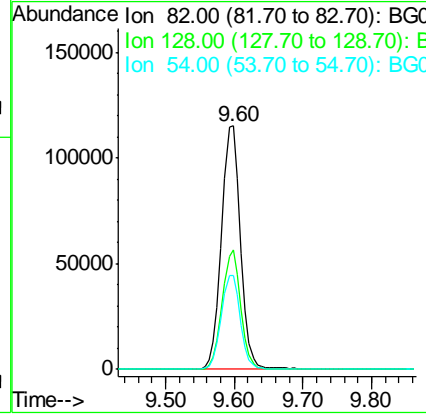
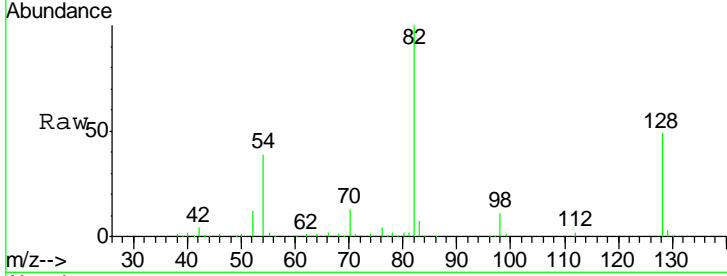




#23  
 Nitrobenzene-d5  
 Concen: 77.96 ng  
 RT: 9.60 min Scan# 1023  
 Delta R.T. 0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

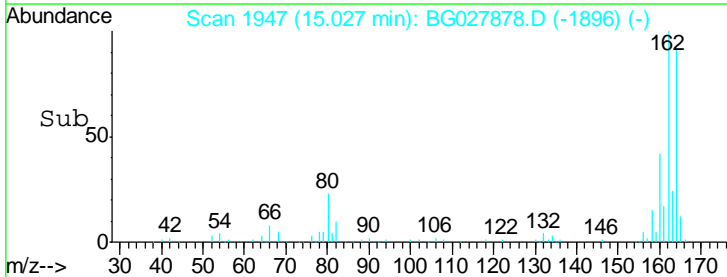
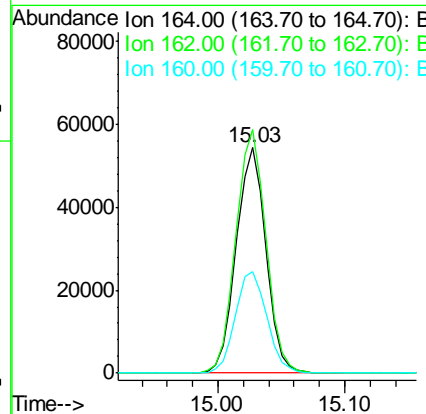
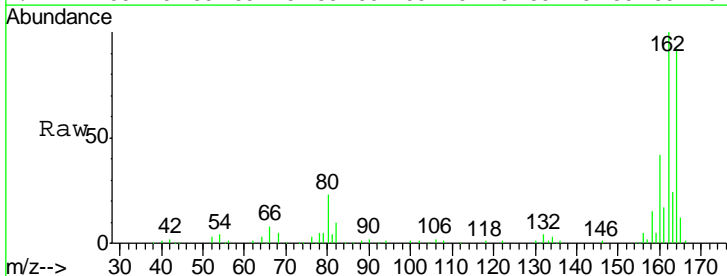
Instrument :  
 BNA\_G  
 ClientSampled :

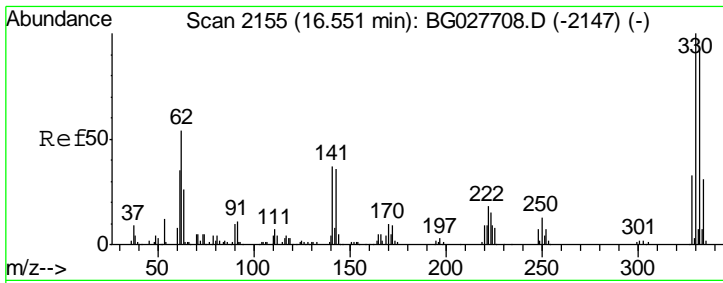
Tgt Ion	Resp	Lower	Upper
82	100		
128	48.9	26.4	39.6#
54	38.7	49.4	74.2#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 15.03 min Scan# 1947  
 Delta R.T. 0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

Tgt Ion	Resp	Lower	Upper
164	100		
162	108.2	85.1	127.7
160	45.3	34.7	52.1

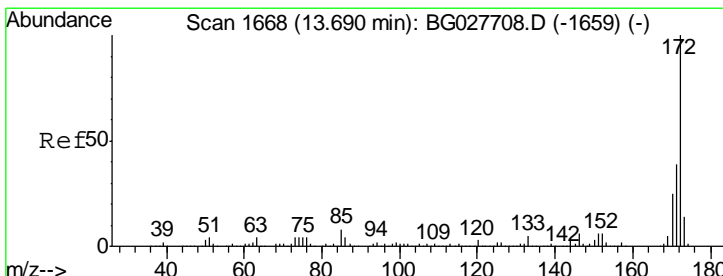
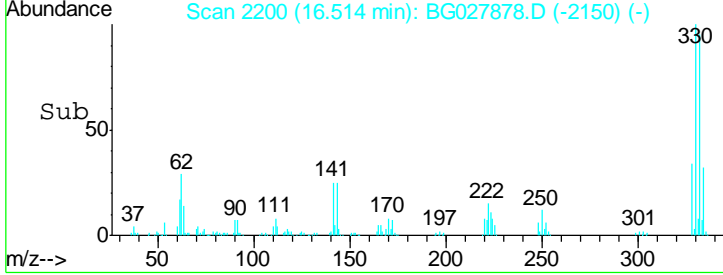
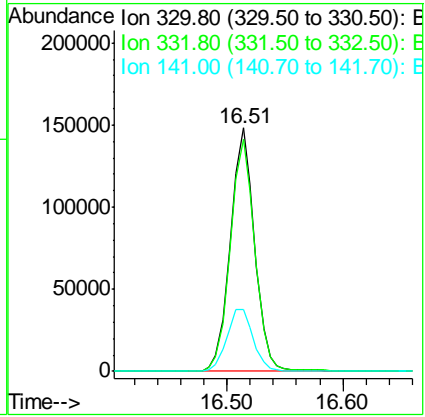
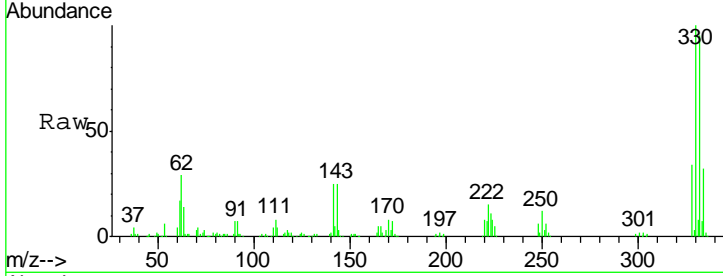




#41  
 2,4,6-Tribromophenol  
 Concen: 178.48 ng  
 RT: 16.51 min Scan# 2200  
 Delta R.T. -0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

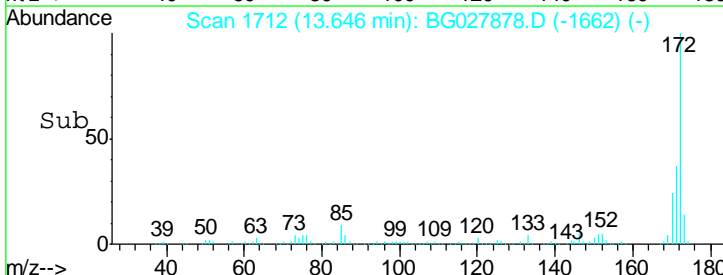
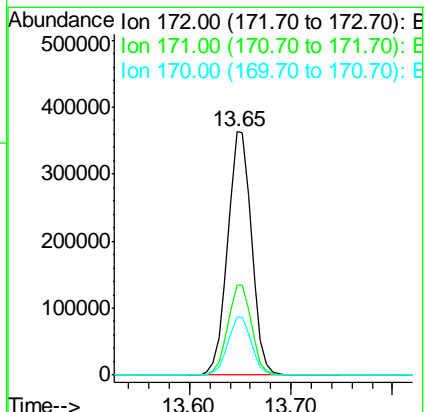
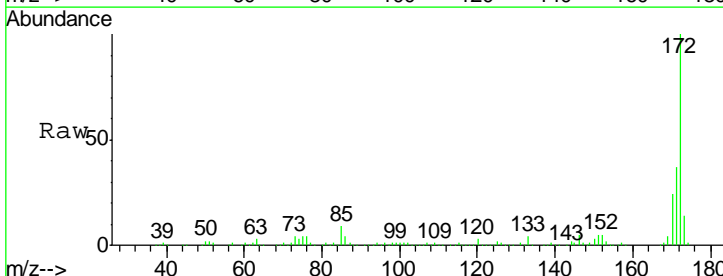
Instrument :  
 BNA\_G  
 ClientSampled :

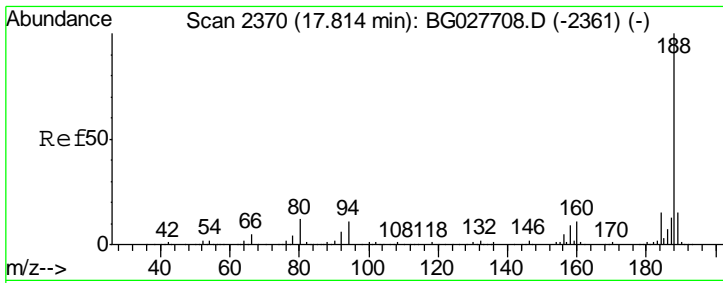
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.9	32.1	48.1#



#44  
 2-Fluorobiphenyl  
 Concen: 96.42 ng  
 RT: 13.65 min Scan# 1712  
 Delta R.T. -0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	23.7	21.8	32.6

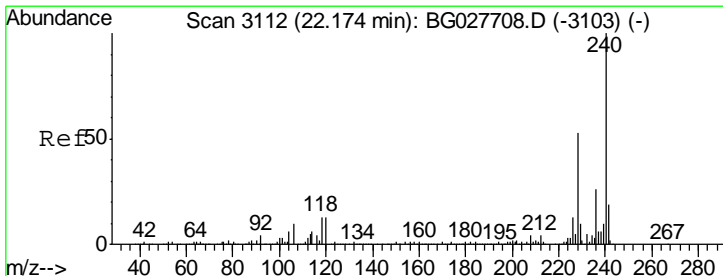
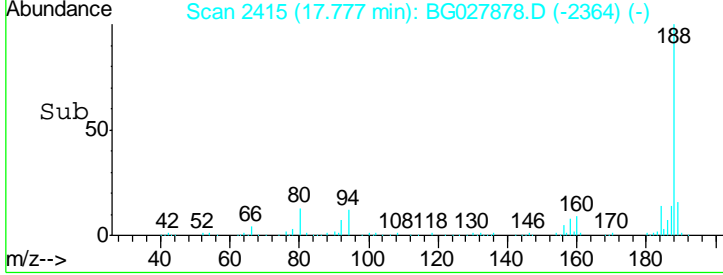
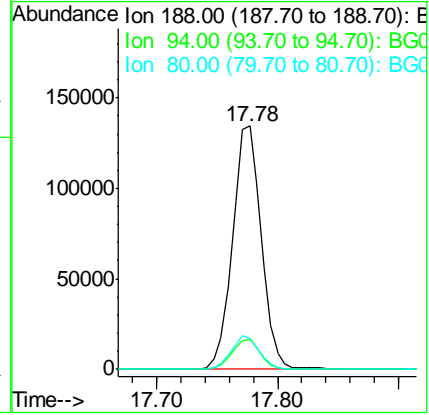
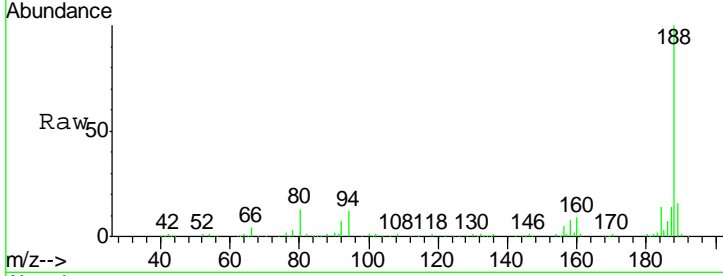




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.78 min Scan# 2415  
 Delta R.T. 0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

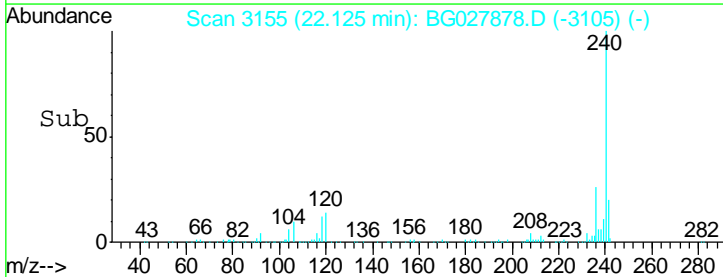
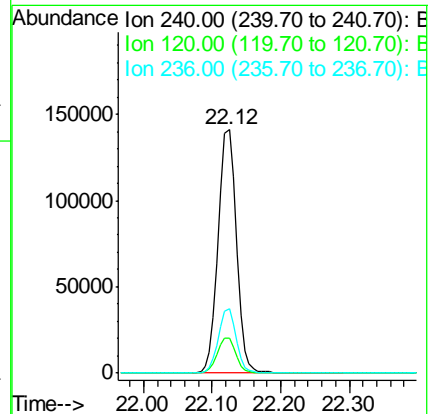
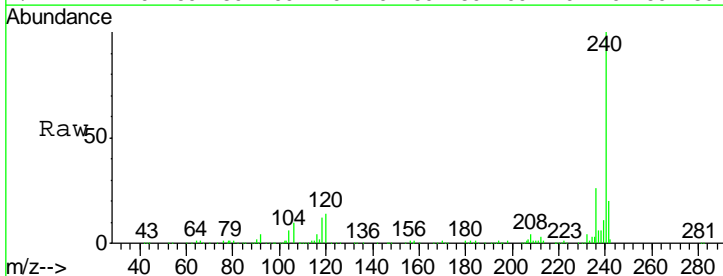
Instrument :  
 BNA\_G  
 ClientSampled :

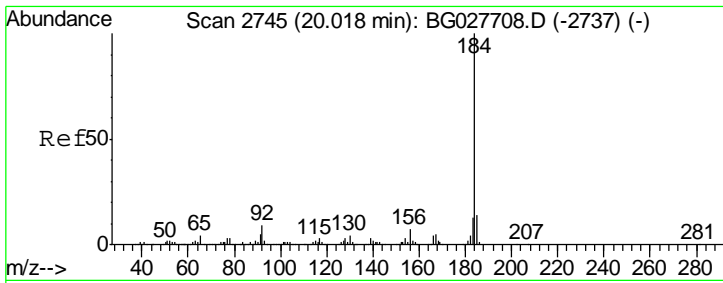
Tgt Ion	Resp	Lower	Upper
188	100		
94	12.4	5.8	8.8#
80	12.7	7.5	11.3#



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 22.12 min Scan# 3155  
 Delta R.T. -0.00 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

Tgt Ion	Resp	Lower	Upper
240	100		
120	14.4	5.7	8.5#
236	26.5	22.2	33.4

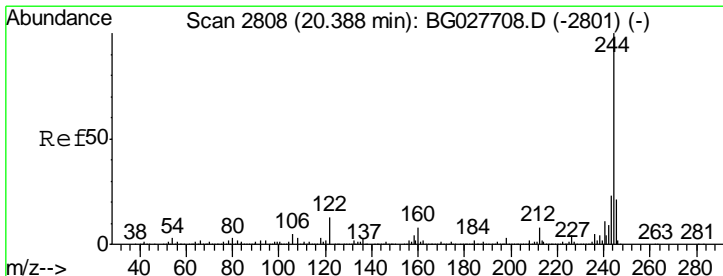
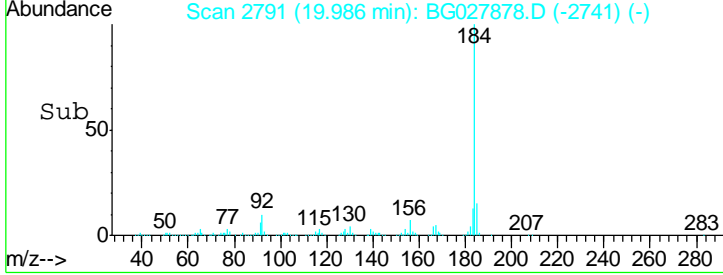
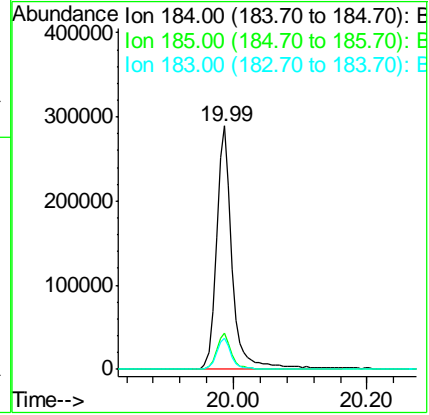
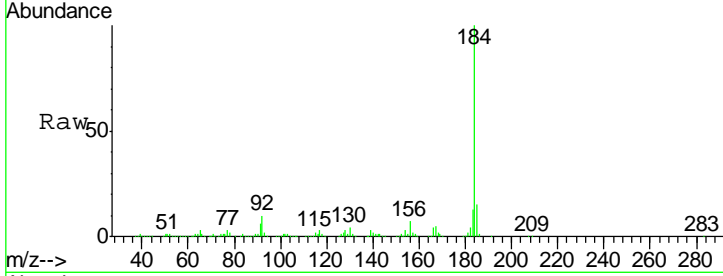




#76  
Benzidine  
Concen: 74.38 ng  
RT: 19.99 min Scan# 2791  
Delta R.T. -0.00 min  
Lab File: BG027878.D  
Acq: 7 Jul 2017 21:18

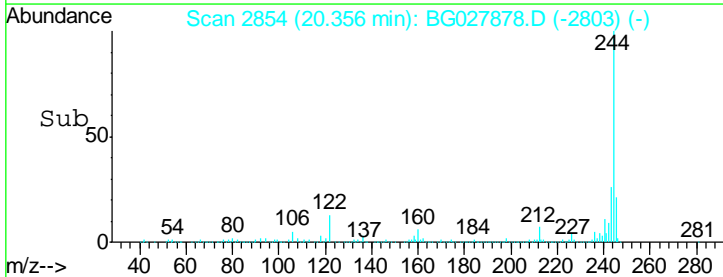
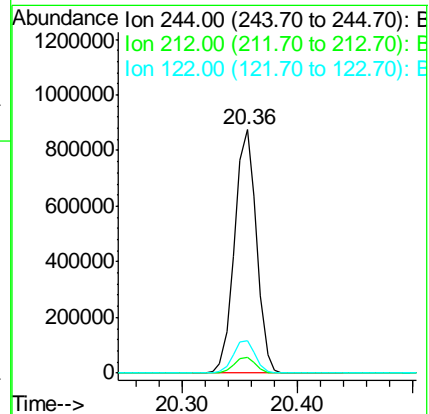
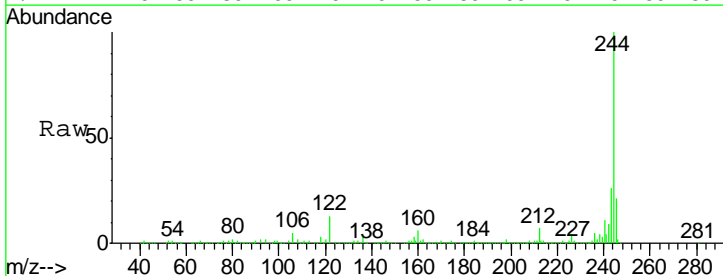
Instrument :  
BNA\_G  
ClientSampled :

Tgt Ion	Resp	Lower	Upper
184	100		
185	14.8	13.0	19.6
183	12.6	11.0	16.6

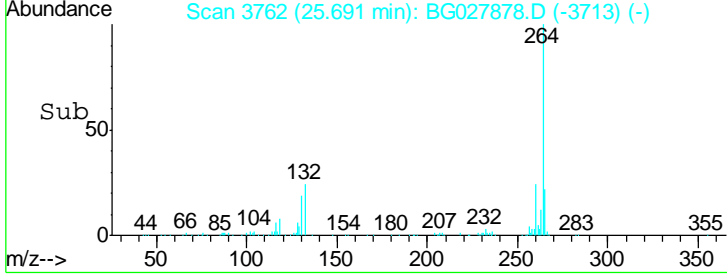
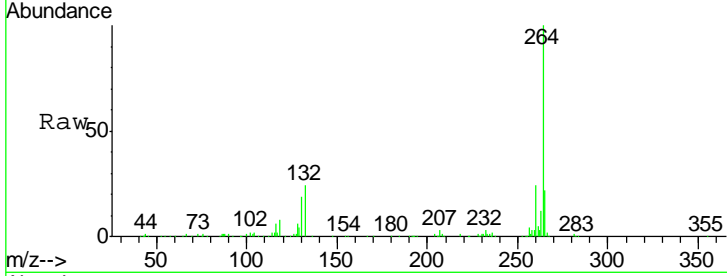
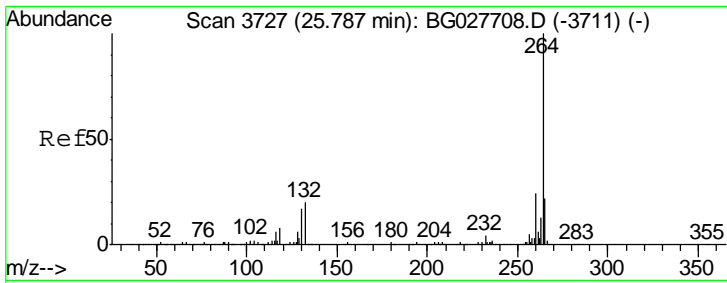


#78  
Terphenyl-d14  
Concen: 102.58 ng  
RT: 20.36 min Scan# 2854  
Delta R.T. 0.00 min  
Lab File: BG027878.D  
Acq: 7 Jul 2017 21:18

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.5	10.0	15.0#
122	13.5	8.6	12.8#







#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.69 min Scan# 3762  
 Delta R.T. -0.01 min  
 Lab File: BG027878.D  
 Acq: 7 Jul 2017 21:18

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion: 264 Resp: 251155

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.0	18.2	27.4

