

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\  
 Data File : BG027293.D  
 Acq On : 7 Jun 2017 21:16  
 Operator : SJ/MA  
 Sample : I3473-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 R1-MW-3

Quant Time: Jun 08 06:56:34 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:00:35 2017  
 Response via : Initial Calibration

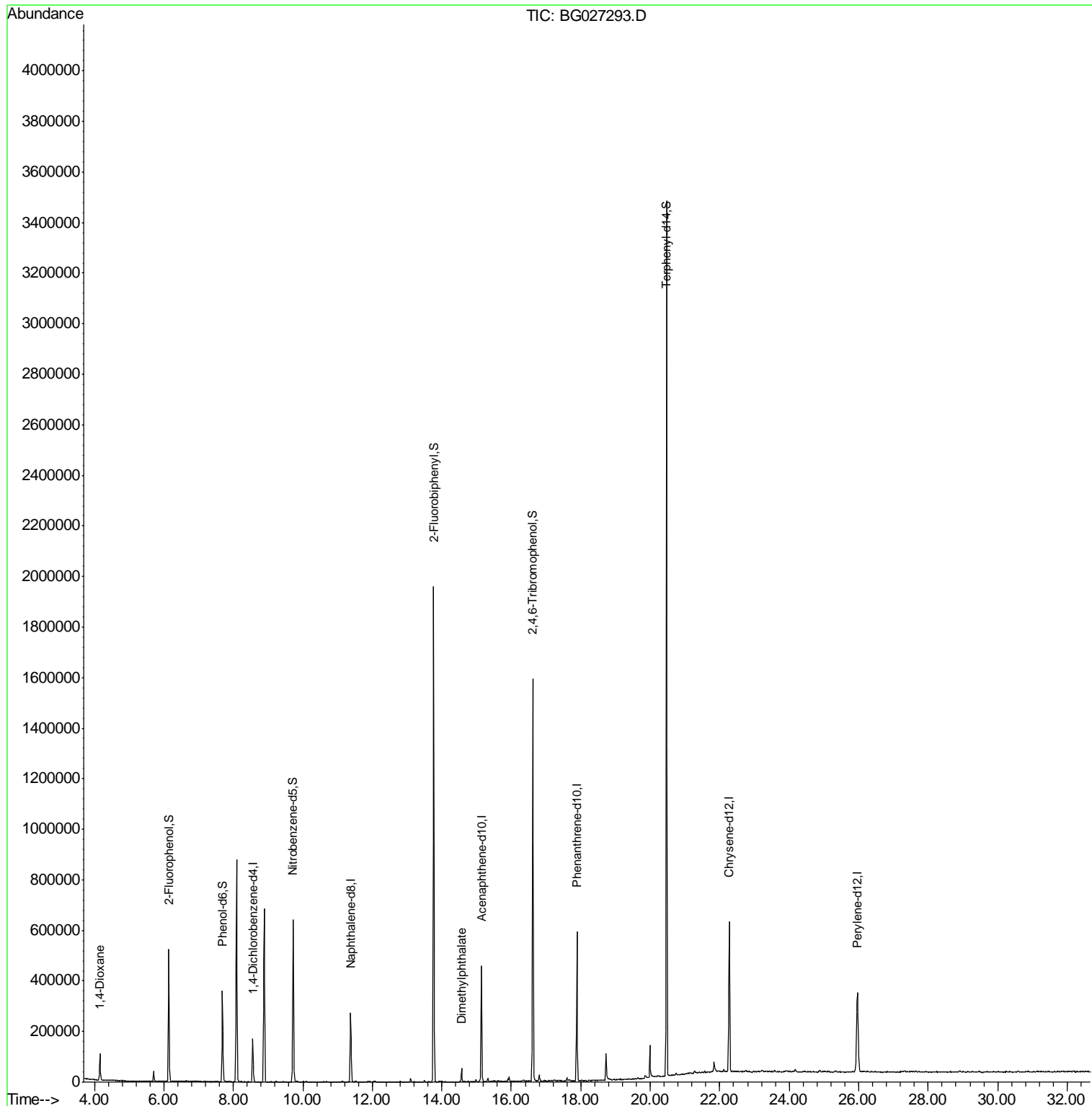
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	50120	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	243979	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	161830	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	376714	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	421805	20.00	ng	-0.04
86) Perylene-d12	25.96	264	394727	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	246402	75.02	ng	-0.01
7) Phenol-d6	7.69	99	229519	47.61	ng	-0.01
23) Nitrobenzene-d5	9.72	82	422784	108.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	324153	152.11	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	1051632	90.91	ng	-0.03
78) Terphenyl-d14	20.47	244	1542164	93.27	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	62710	46.05	ng	# 82
49) Dimethylphthalate	14.57	163	35036	2.73	ng	96

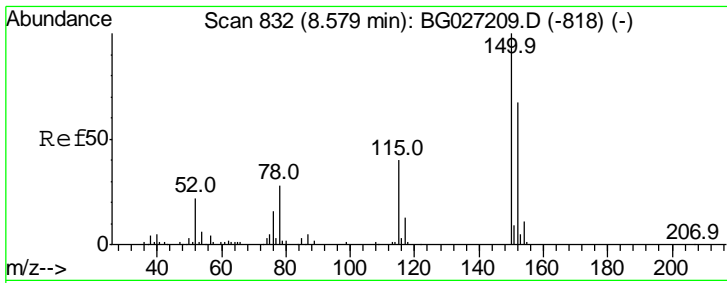
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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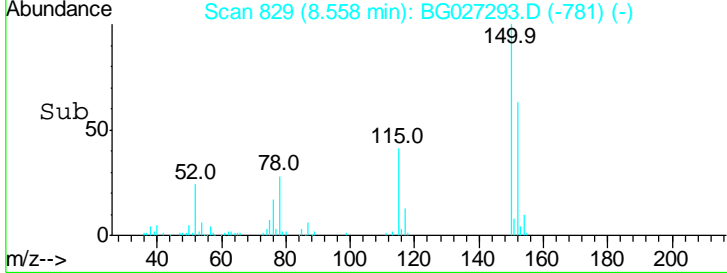
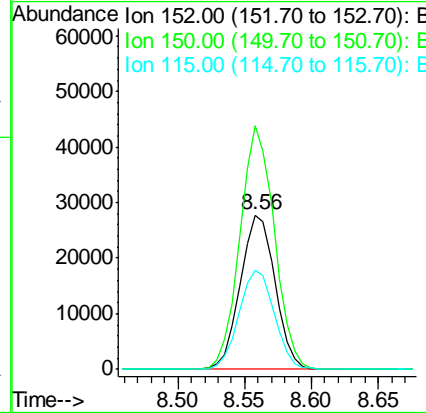
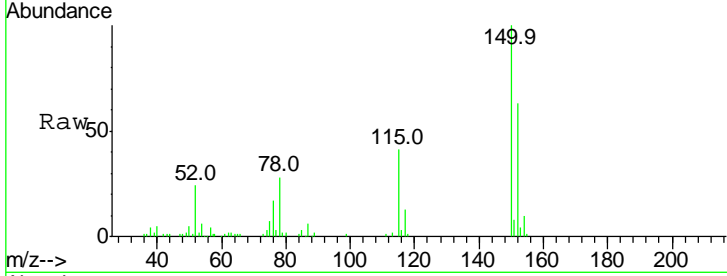




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 8.56 min Scan# 829  
 Delta R.T. -0.02 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

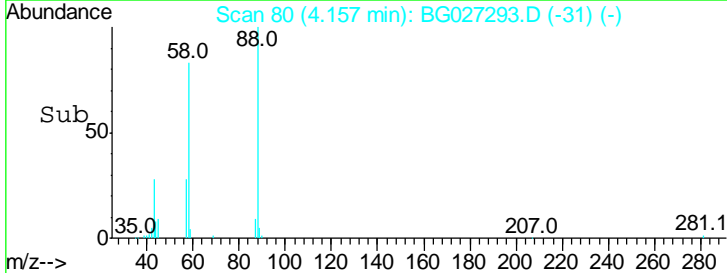
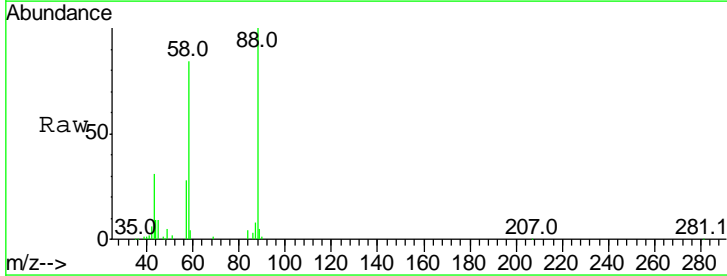
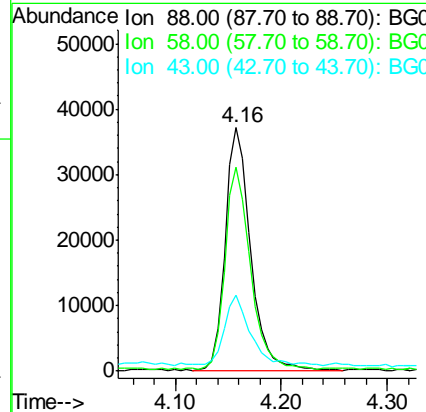
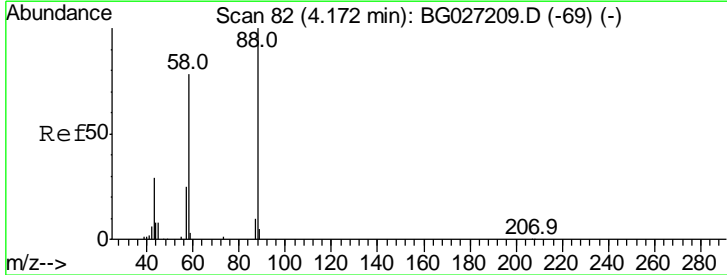
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 R1-MW-3

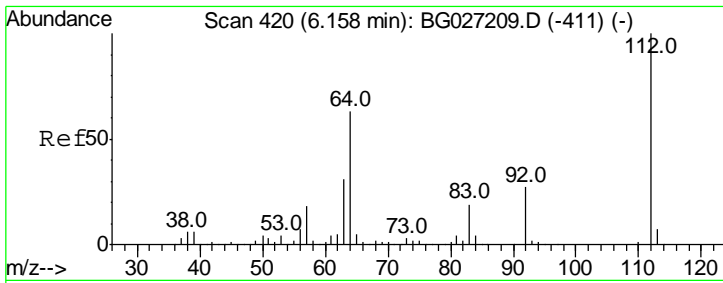
Tgt Ion	Resp	Lower	Upper
152	100		
150	157.6	114.0	171.0
115	63.9	48.1	72.1



#2  
 1,4-Dioxane  
 Concen: 46.05 ng  
 RT: 4.16 min Scan# 80  
 Delta R.T. -0.01 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

Tgt Ion	Resp	Lower	Upper
88	100		
58	81.7	79.4	119.2
43	29.4	33.8	50.6#



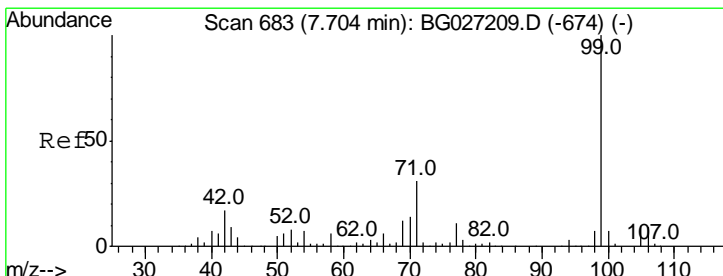
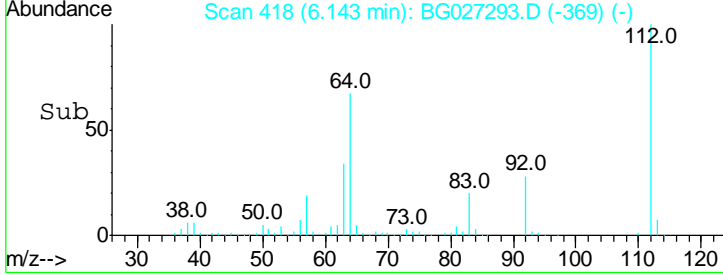
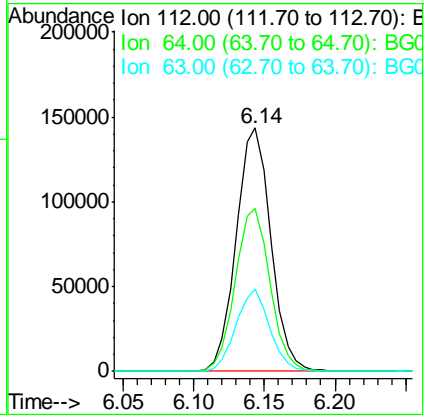
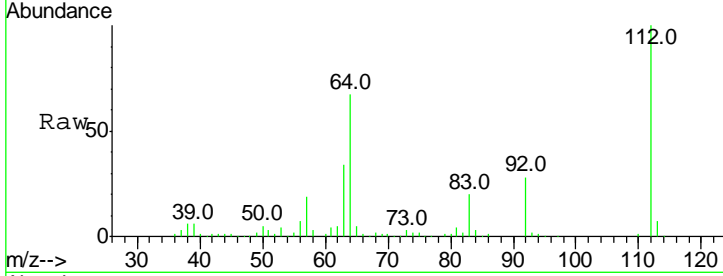


#5  
 2-Fluorophenol  
 Concen: 75.02 ng  
 RT: 6.14 min Scan# 418  
 Delta R.T. -0.01 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 R1-MW-3

Tgt Ion: 112 Resp: 246402

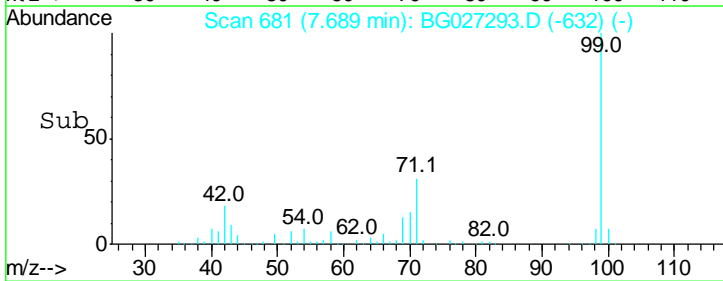
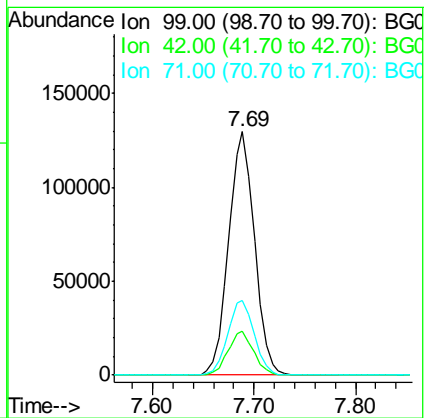
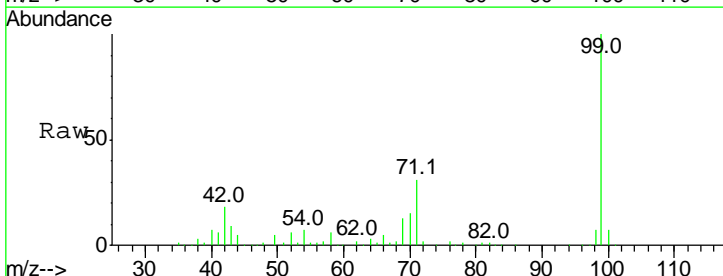
Ion	Ratio	Lower	Upper
112	100		
64	66.8	61.8	92.6
63	33.7	37.2	55.8#

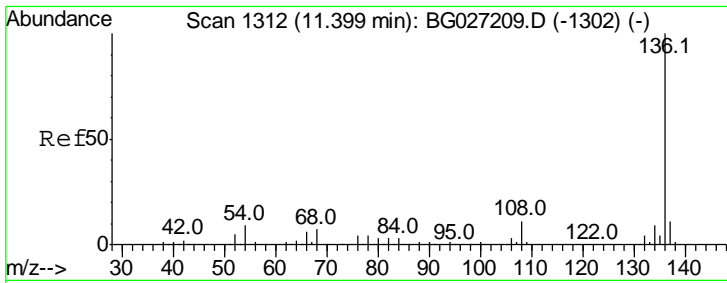


#7  
 Phenol-d6  
 Concen: 47.61 ng  
 RT: 7.69 min Scan# 681  
 Delta R.T. -0.01 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

Tgt Ion: 99 Resp: 229519

Ion	Ratio	Lower	Upper
99	100		
42	17.8	20.5	30.7#
71	30.7	37.6	56.4#

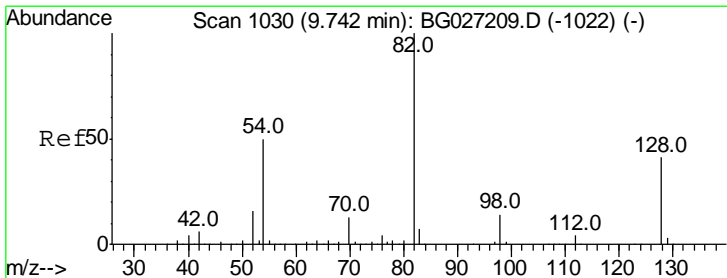
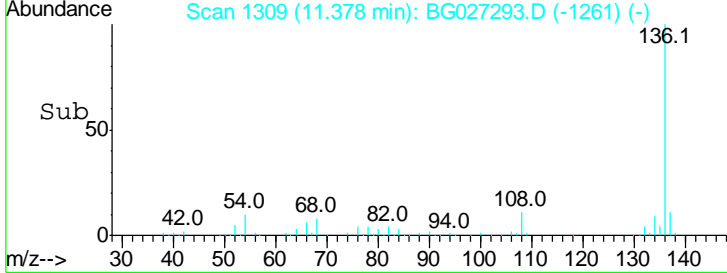
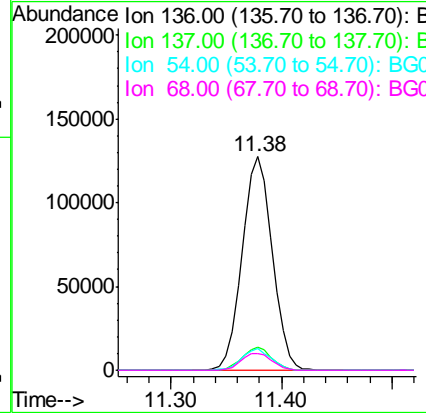
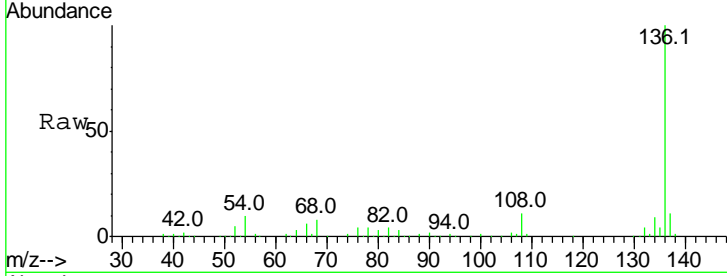




#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 11.38 min Scan# 1309  
 Delta R.T. -0.02 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

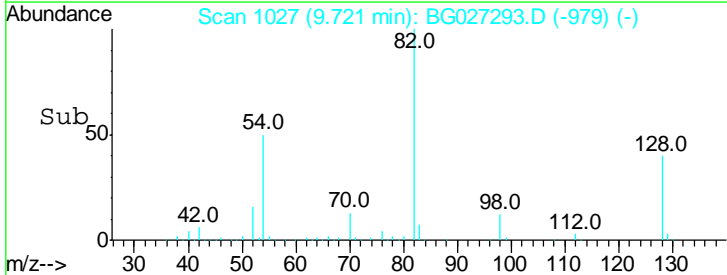
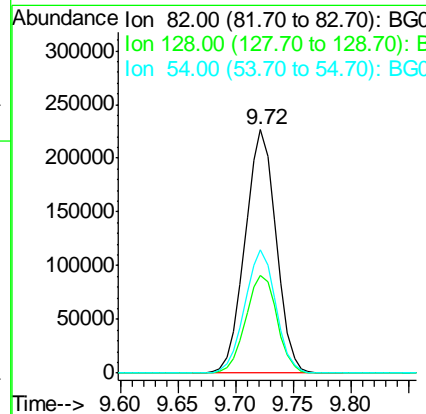
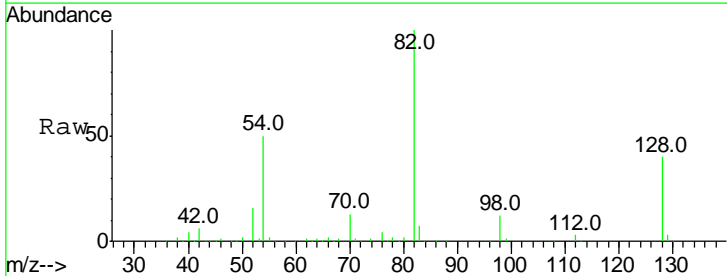
Instrument :  
 BNA\_G  
 ClientSampled :  
 R1-MW-3

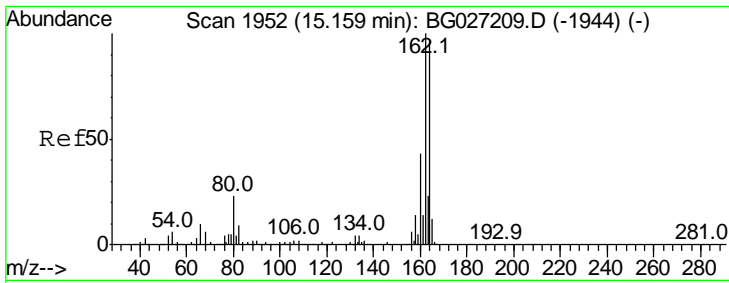
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.2	9.3	13.9
68	8.0	5.1	7.7#



#23  
 Nitrobenzene-d5  
 Concen: 108.98 ng  
 RT: 9.72 min Scan# 1027  
 Delta R.T. -0.02 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

Tgt Ion	Resp	Lower	Upper
82	100		
128	40.3	26.4	39.6#
54	50.5	49.4	74.2

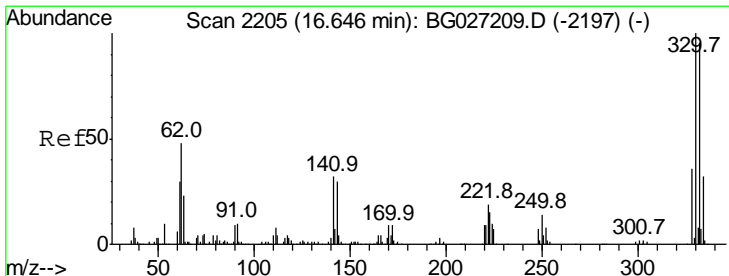
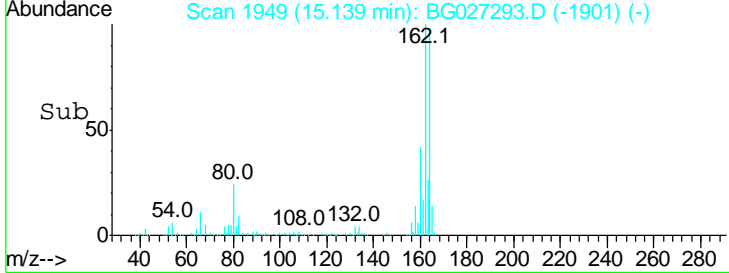
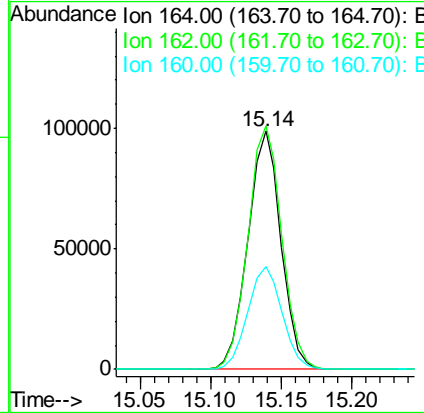
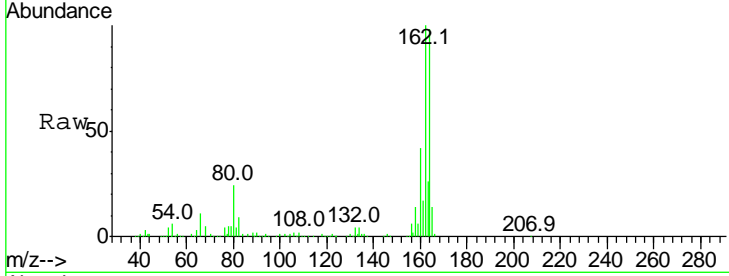




#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 15.14 min Scan# 1949  
 Delta R.T. -0.02 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

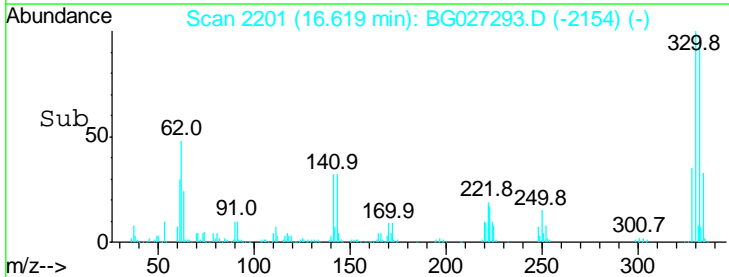
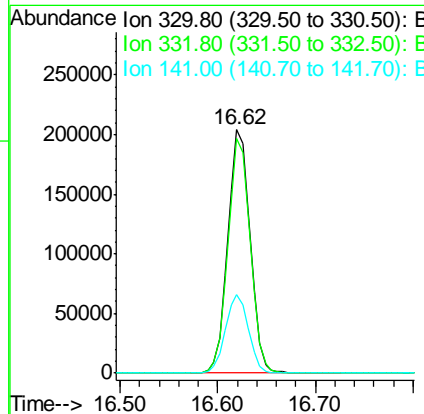
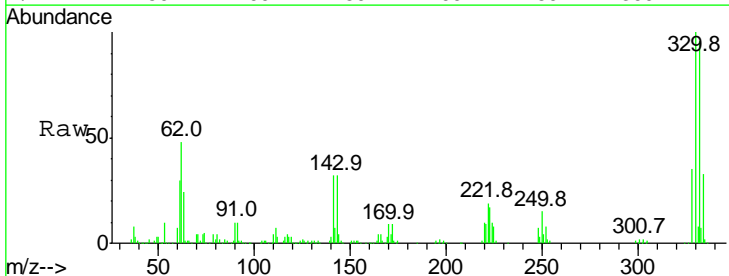
Instrument :  
 BNA\_G  
 ClientSampled :  
 R1-MW-3

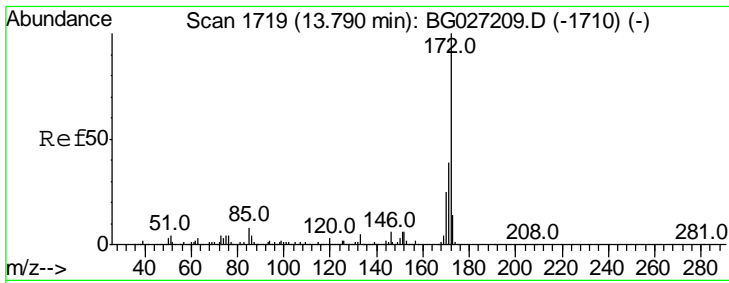
Tgt Ion	Resp	Lower	Upper
164	100		
162	102.3	85.1	127.7
160	43.1	34.7	52.1



#41  
 2,4,6-Tribromophenol  
 Concen: 152.11 ng  
 RT: 16.62 min Scan# 2201  
 Delta R.T. -0.03 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.1	32.1	48.1

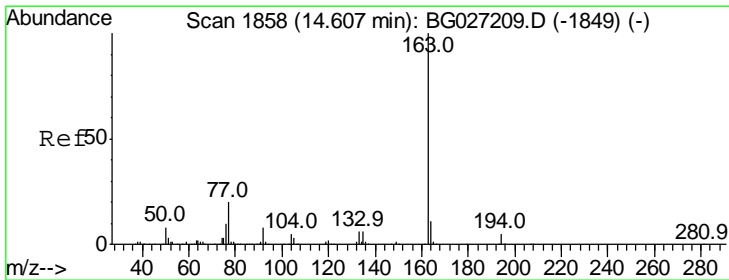
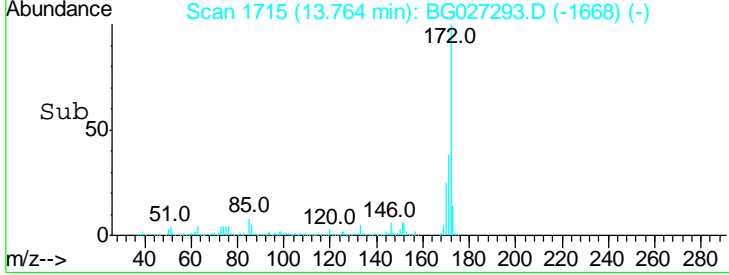
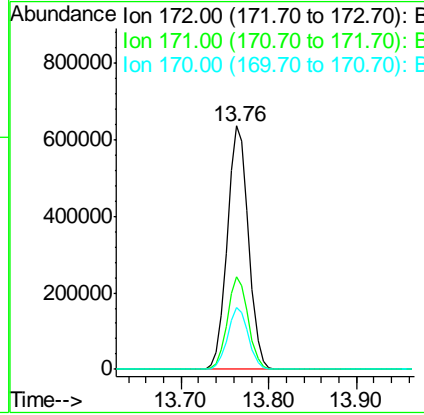
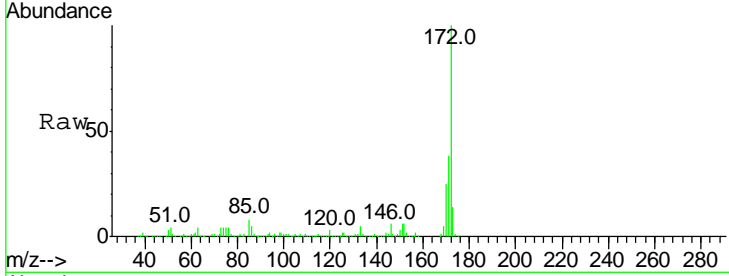




#44  
 2-Fluorobiphenyl  
 Concen: 90.91 ng  
 RT: 13.76 min Scan# 1715  
 Delta R.T. -0.03 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

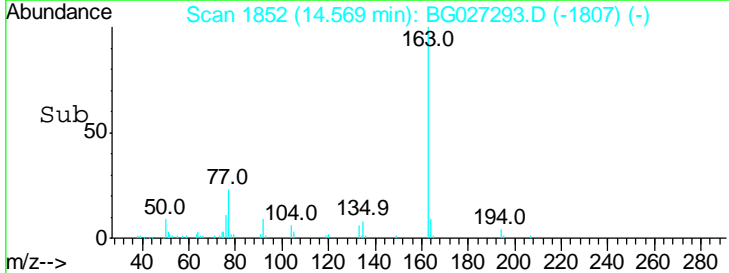
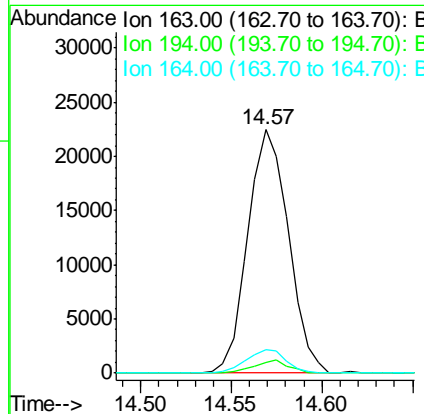
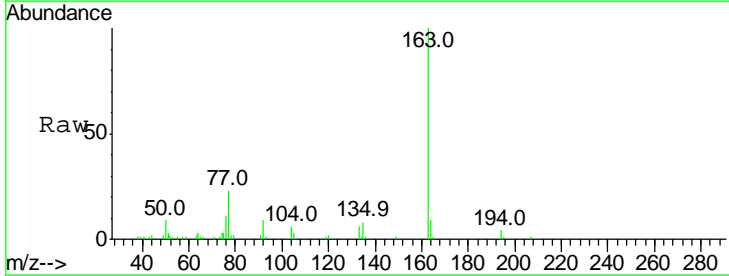
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 R1-MW-3

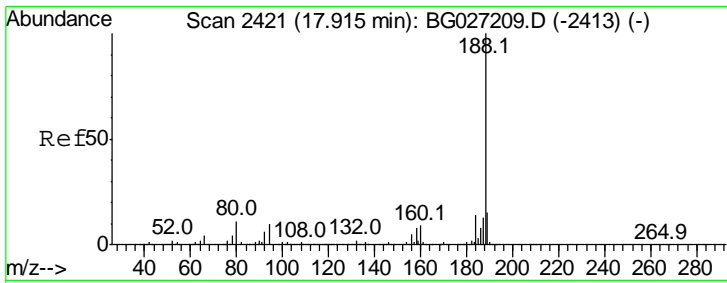
Tgt Ion	Resp	Lower	Upper
172	1051632		
171	38.2	32.2	48.2
170	25.4	21.8	32.6



#49  
 Dimethylphthalate  
 Concen: 2.73 ng  
 RT: 14.57 min Scan# 1852  
 Delta R.T. -0.04 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

Tgt Ion	Resp	Lower	Upper
163	35036		
194	4.5	3.8	5.6
164	9.4	9.3	13.9

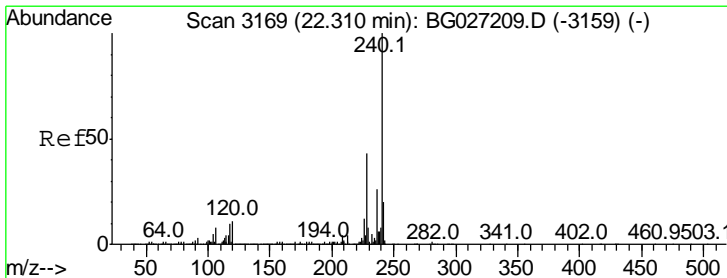
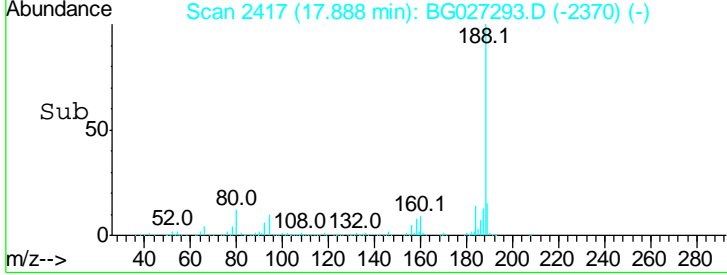
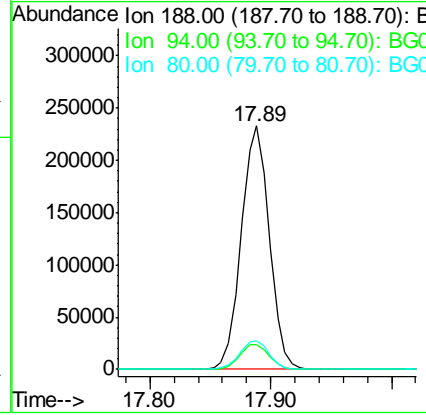
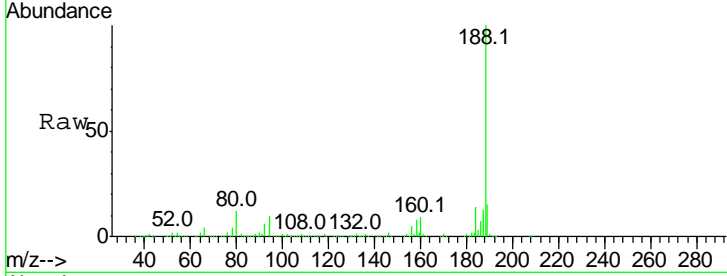




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.89 min Scan# 2417  
 Delta R.T. -0.03 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

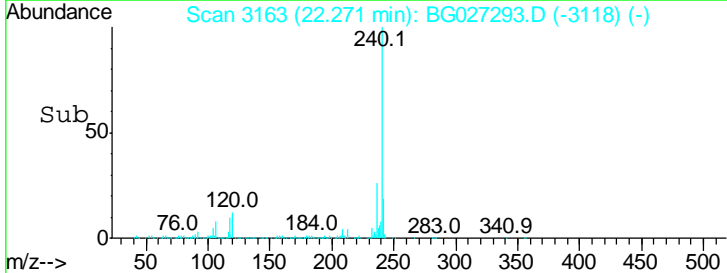
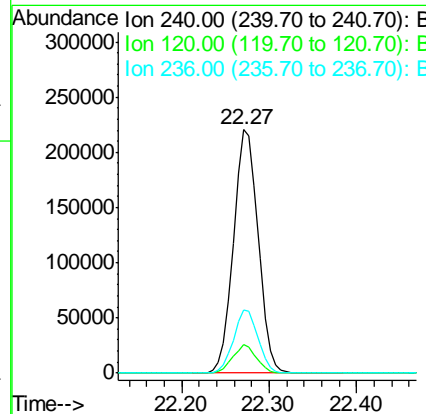
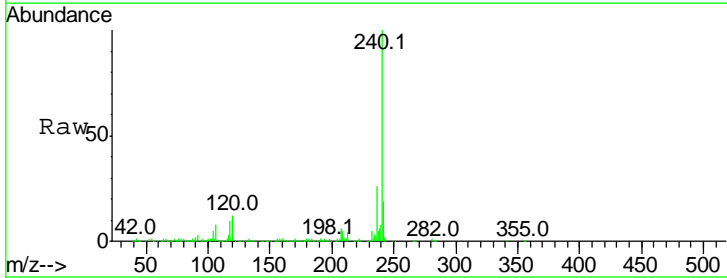
Instrument :  
 BNA\_G  
 ClientSampled :  
 R1-MW-3

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.2	5.8	8.8#
80	11.7	7.5	11.3#

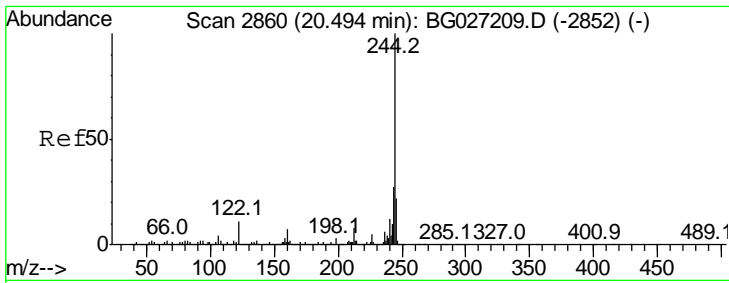


#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 22.27 min Scan# 3163  
 Delta R.T. -0.04 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

Tgt Ion	Resp	Lower	Upper
240	100		
120	11.7	5.7	8.5#
236	25.7	22.2	33.4



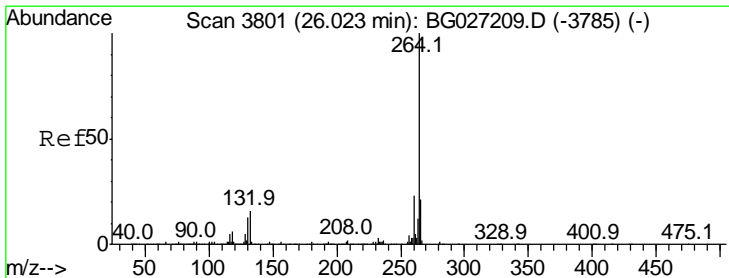
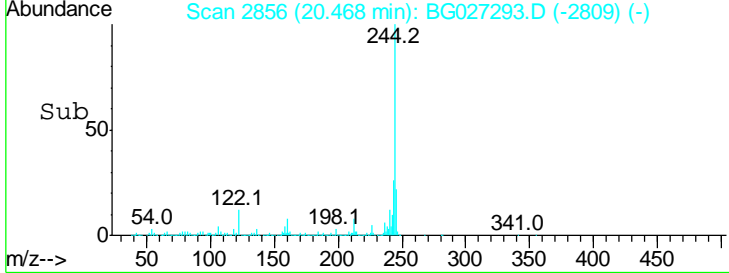
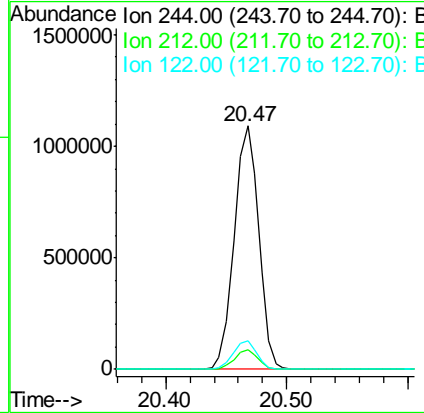
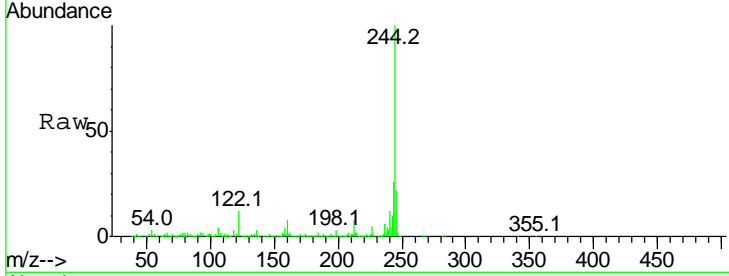




#78  
 Terphenyl-d14  
 Concen: 93.27 ng  
 RT: 20.47 min Scan# 2856  
 Delta R.T. -0.03 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

Instrument :  
 BNA\_G  
 ClientSampled :  
 R1-MW-3

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.8	8.6	12.8



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.96 min Scan# 3791  
 Delta R.T. -0.06 min  
 Lab File: BG027293.D  
 Acq: 7 Jun 2017 21:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	22.3	18.2	27.4

