

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050815\  
 Data File : BG016978.D  
 Acq On : 9 May 2015 5:54  
 Operator : TP/IZ  
 Sample : G2059-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MWHR3-14

Quant Time: May 11 01:43:09 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG050515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 05 16:13:58 2015  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	53377	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	240197	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	170129	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	395710	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	378595	20.00	ng	-0.02
86) Perylene-d12	23.64	264	380059	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	229890	74.99	ng	-0.01
7) Phenol-d6	6.96	99	210399	48.04	ng	-0.01
23) Nitrobenzene-d5	8.95	82	466832	94.95	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	303946	177.96	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1000891	88.78	ng	-0.02
78) Terphenyl-d14	19.80	244	1620280	100.33	ng	-0.02

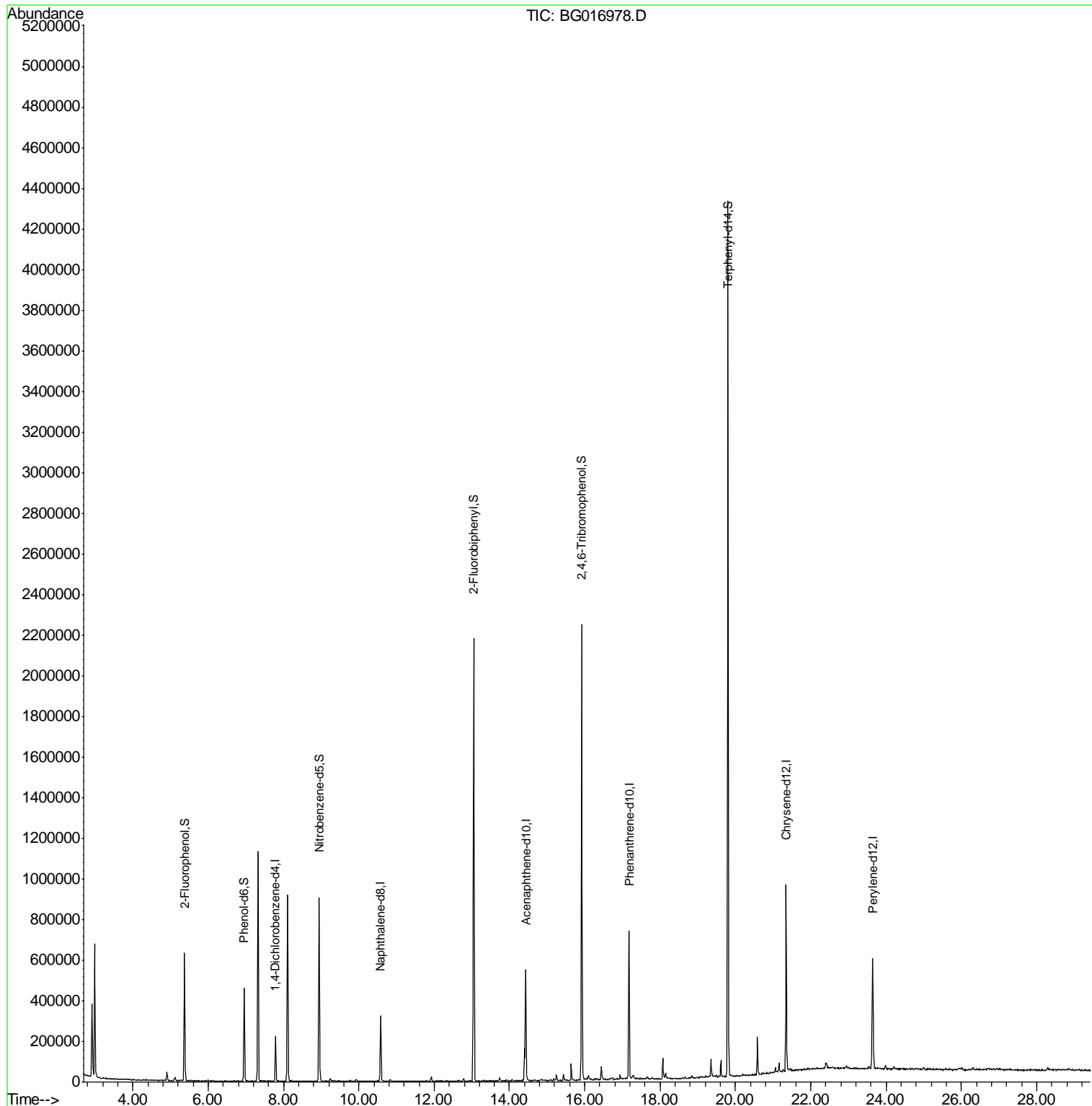
Target Compounds Qvalue

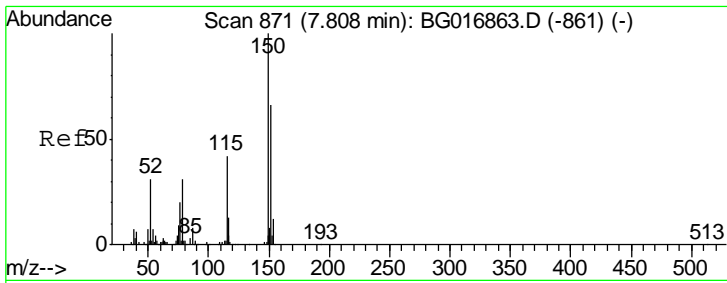
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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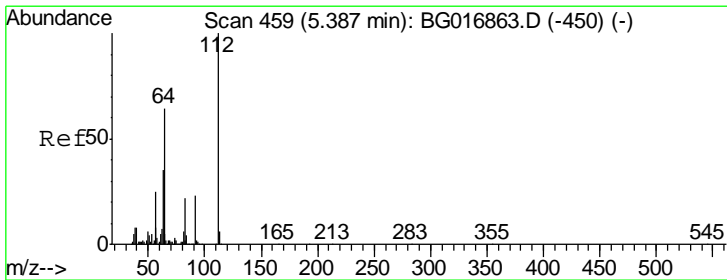
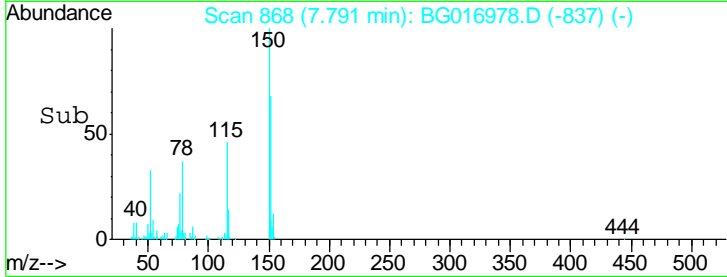
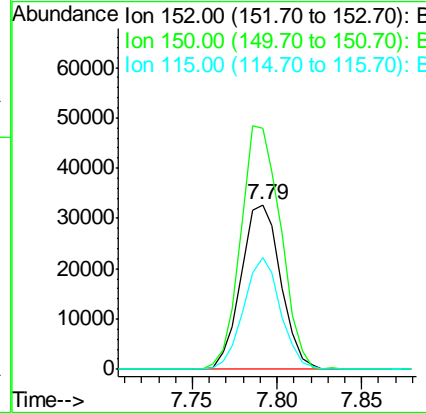
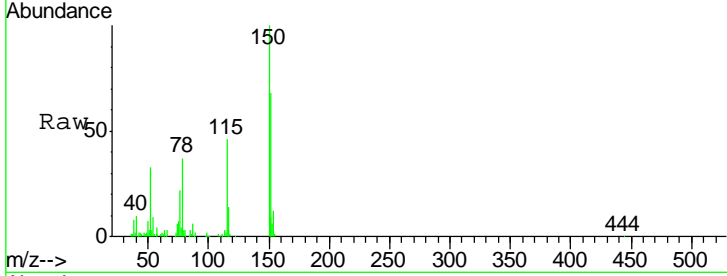




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.79 min Scan# 868  
 Delta R.T. -0.02 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

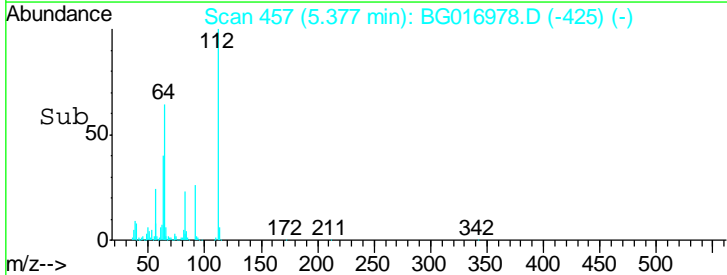
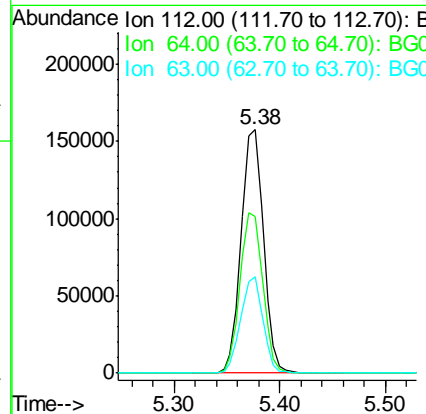
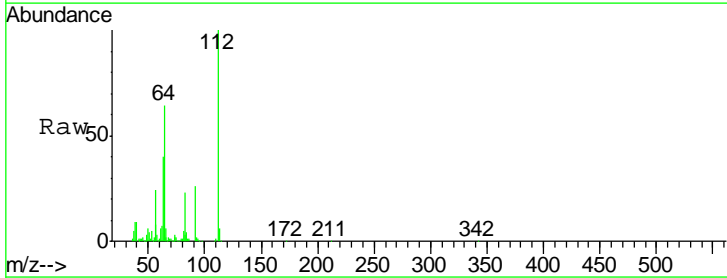
Instrument :  
 BNA\_G  
 ClientSampled :  
 MWHR3-14

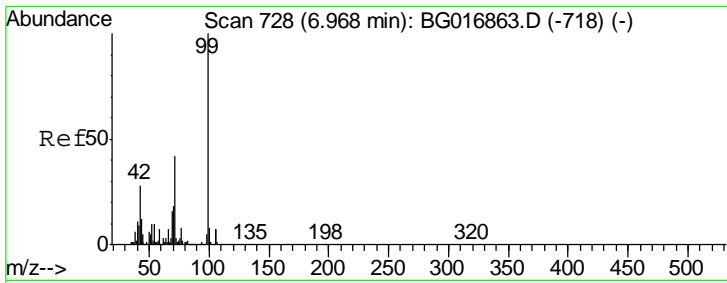
Tgt Ion	Resp	Lower	Upper
152	53377		
152	100		
150	146.7	121.0	181.4
115	68.2	50.5	75.7



#5  
 2-Fluorophenol  
 Concen: 74.99 ng  
 RT: 5.38 min Scan# 457  
 Delta R.T. -0.01 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

Tgt Ion	Resp	Lower	Upper
112	229890		
112	100		
64	64.4	51.4	77.2
63	39.6	28.1	42.1

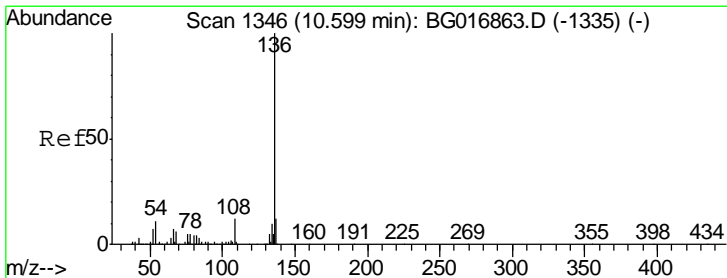
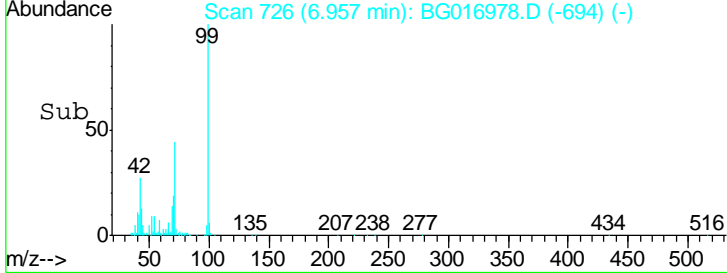
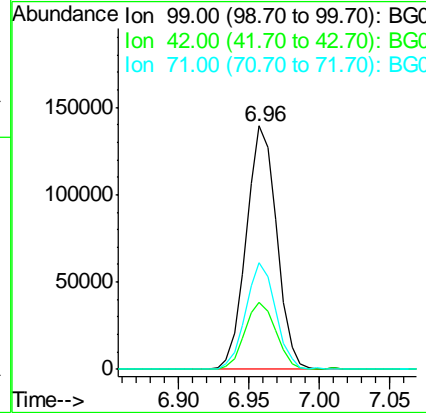
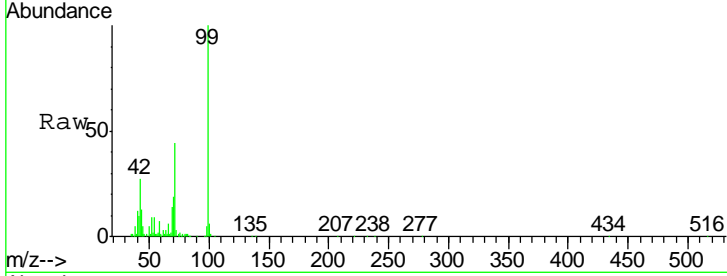




#7  
 Phenol-d6  
 Concen: 48.04 ng  
 RT: 6.96 min Scan# 726  
 Delta R.T. -0.01 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

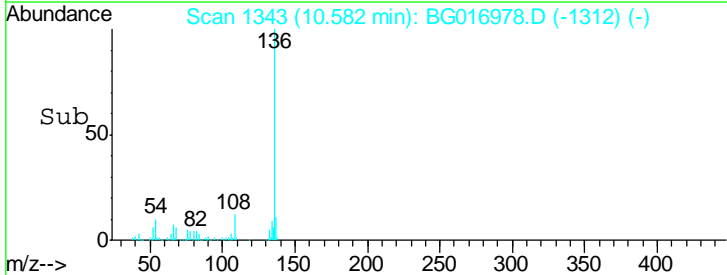
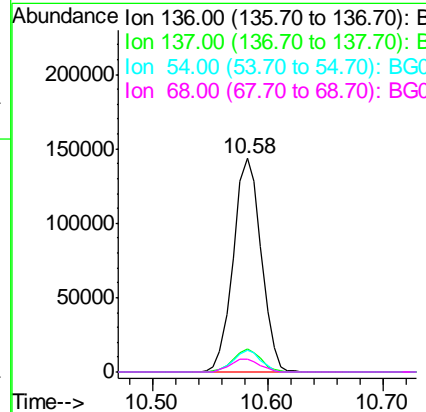
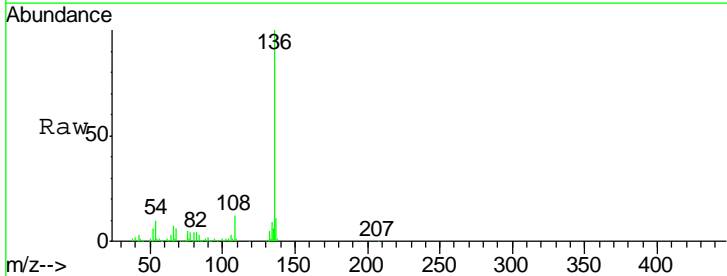
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 MWHR3-14

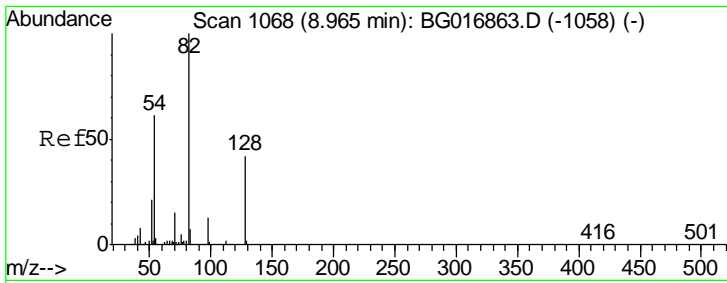
Tgt Ion	Resp	Lower	Upper
99	210399		
42	27.5	22.1	33.1
71	43.7	33.4	50.0



#21  
 Naphthalene-d8  
 Concen: 20.00 ng  
 RT: 10.58 min Scan# 1343  
 Delta R.T. -0.02 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

Tgt Ion	Resp	Lower	Upper
136	240197		
137	10.6	9.8	14.8
54	10.3	8.7	13.1
68	5.7	5.0	7.4

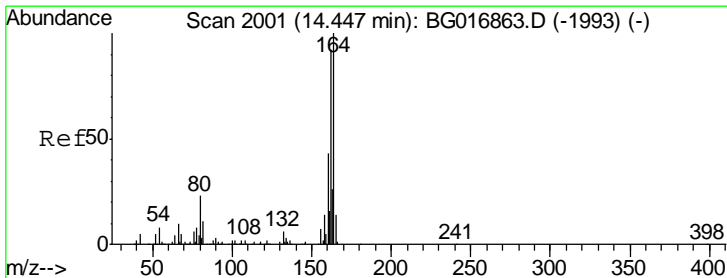
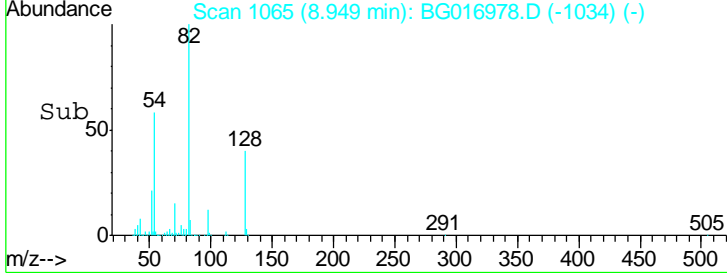
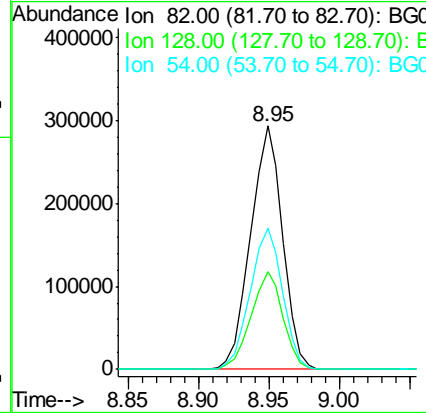
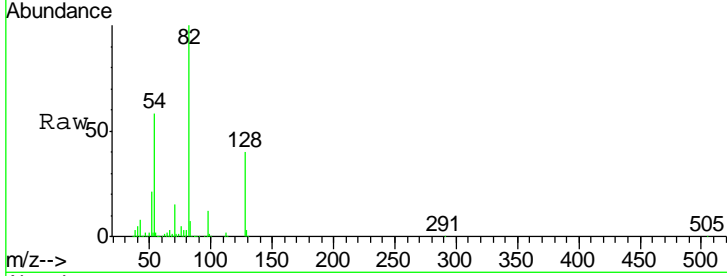




#23  
 Nitrobenzene-d5  
 Concen: 94.95 ng  
 RT: 8.95 min Scan# 1065  
 Delta R.T. -0.02 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

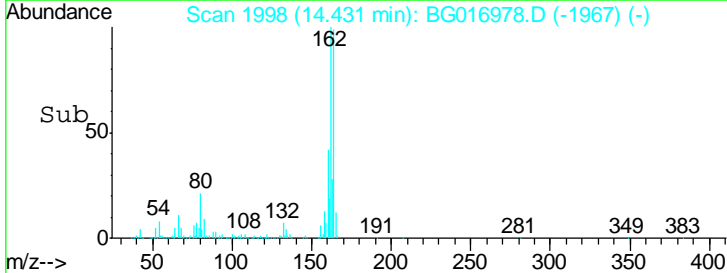
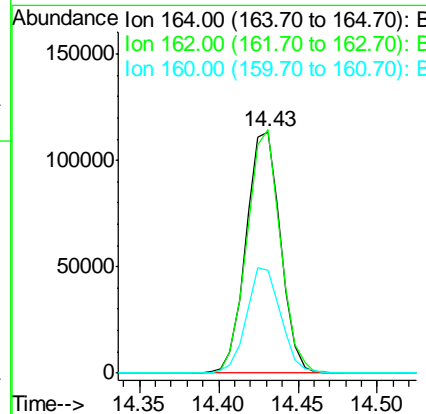
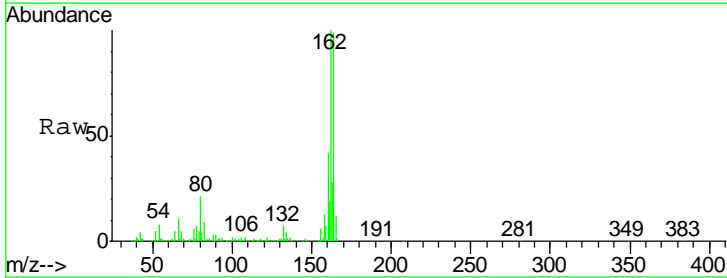
Instrument :  
 BNA\_G  
 ClientSampled :  
 MWHR3-14

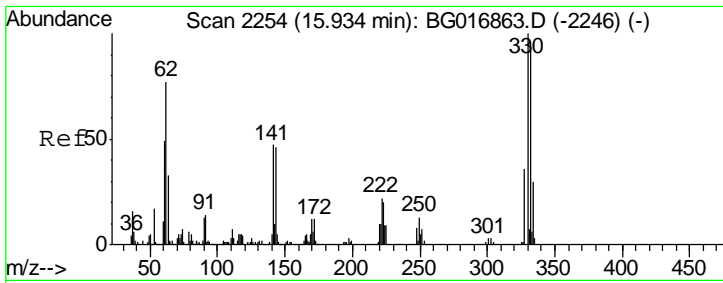
Tgt Ion	Resp	Lower	Upper
82	466832		
128	40.3	33.2	49.8
54	57.8	48.6	72.8



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.43 min Scan# 1998  
 Delta R.T. -0.02 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

Tgt Ion	Resp	Lower	Upper
164	170129		
162	101.0	74.0	111.0
160	42.7	34.7	52.1



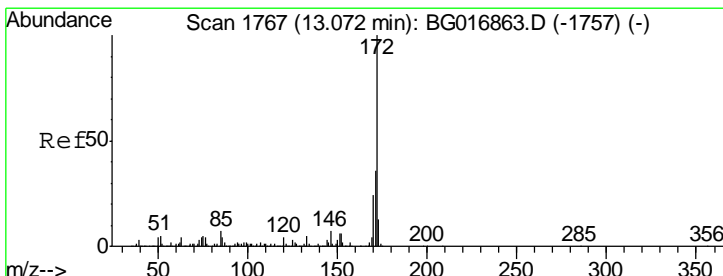
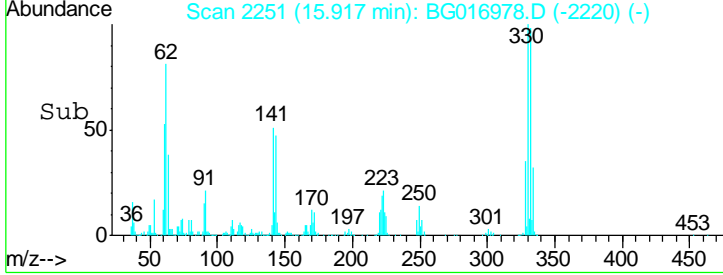
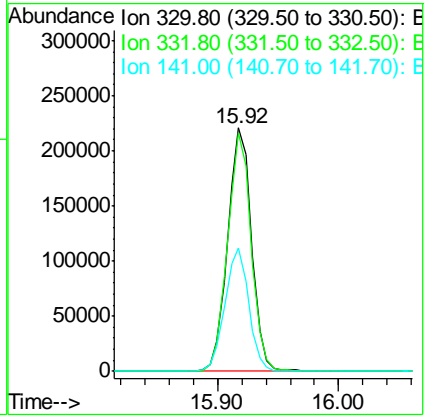
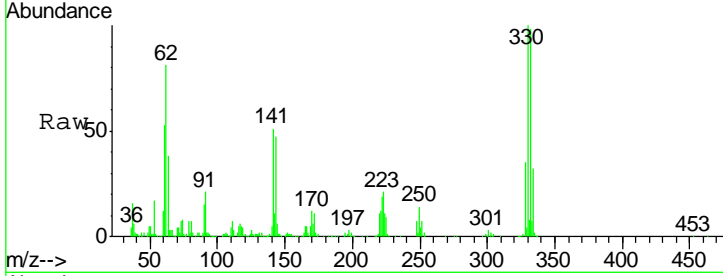


#41  
 2,4,6-Tribromophenol  
 Concen: 177.96 ng  
 RT: 15.92 min Scan# 2251  
 Delta R.T. -0.02 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 MWHR3-14

Tgt Ion: 330 Resp: 303946

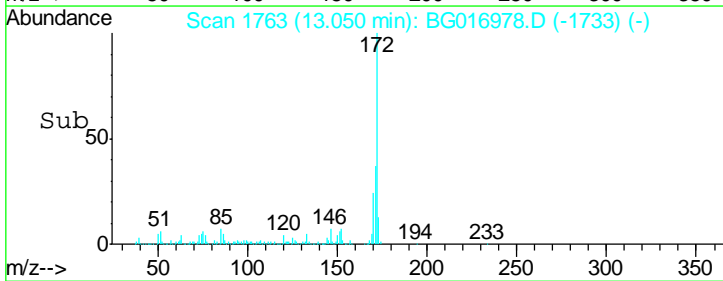
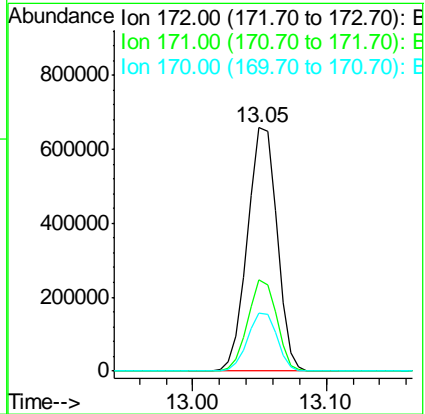
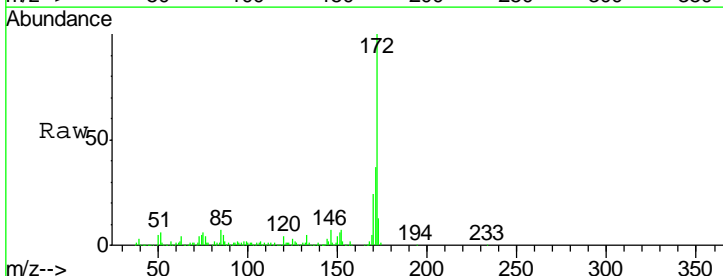
Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	50.1	0.0	0.0#

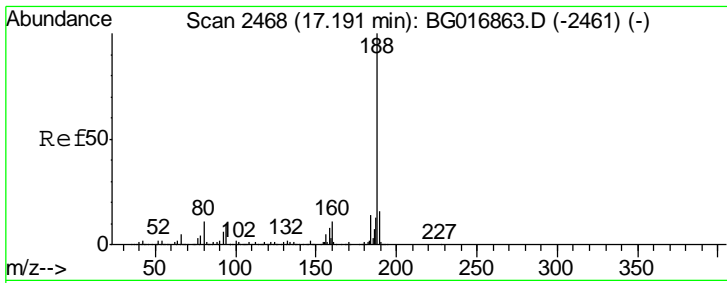


#44  
 2-Fluorobiphenyl  
 Concen: 88.78 ng  
 RT: 13.05 min Scan# 1763  
 Delta R.T. -0.02 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

Tgt Ion: 172 Resp: 1000891

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.4
170	24.0	19.0	28.4

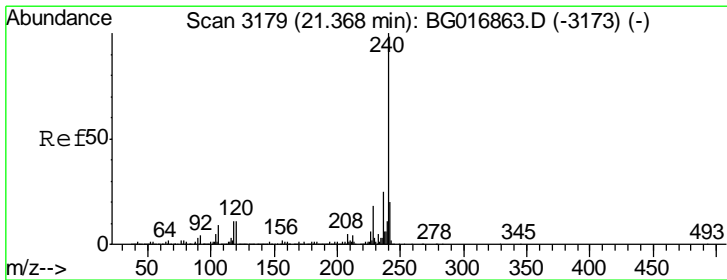
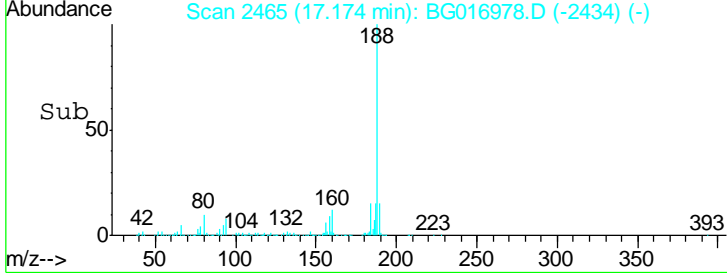
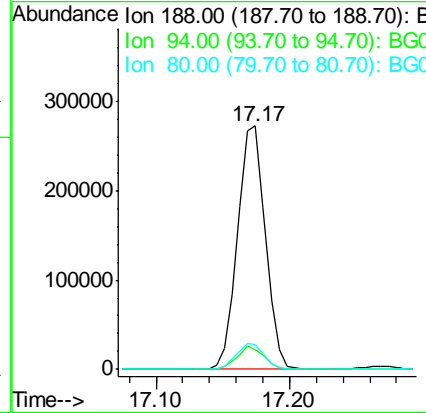
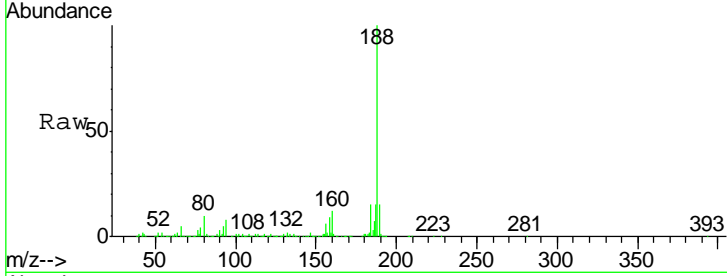




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.17 min Scan# 2465  
 Delta R.T. -0.02 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

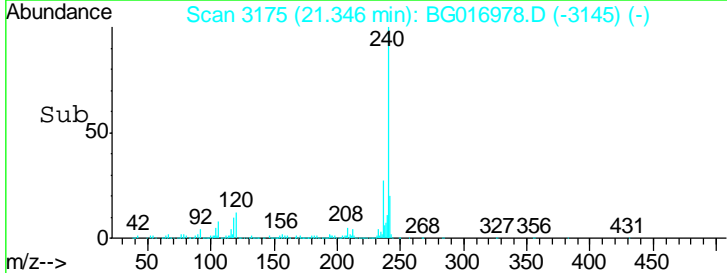
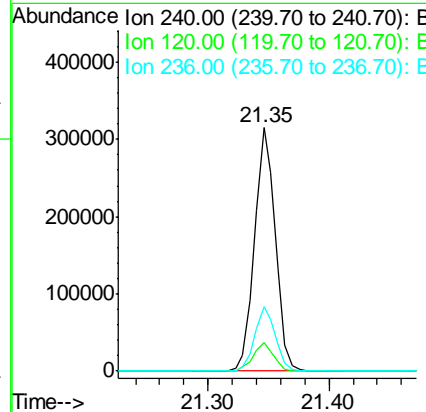
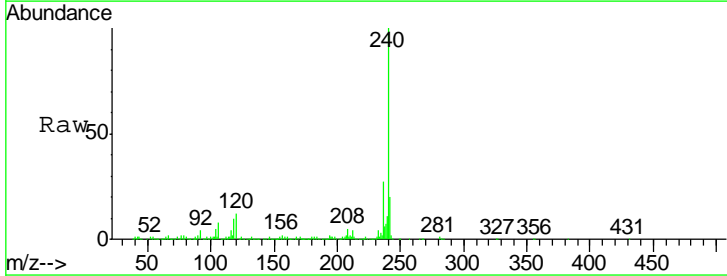
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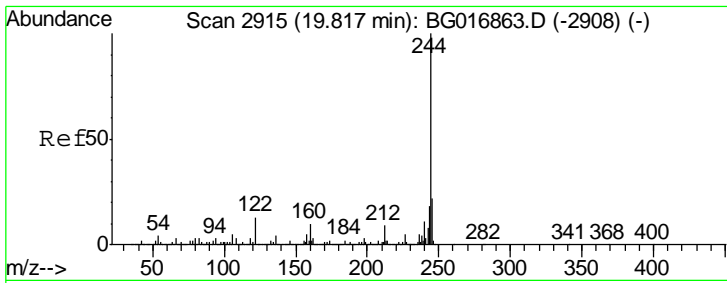
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.2	8.2	12.4
80	10.1	8.8	13.2



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.35 min Scan# 3175  
 Delta R.T. -0.02 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

Tgt Ion	Resp	Lower	Upper
240	100		
120	11.8	9.1	13.7
236	26.6	20.2	30.4

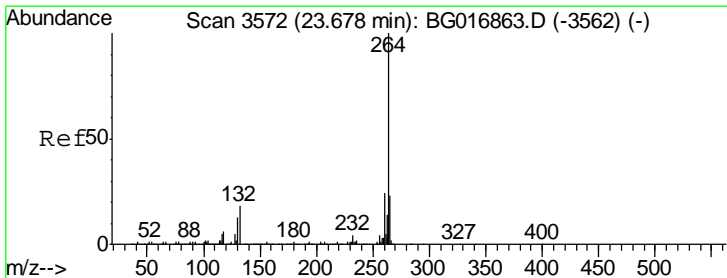
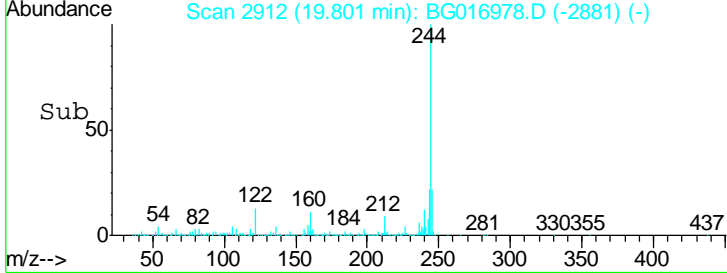
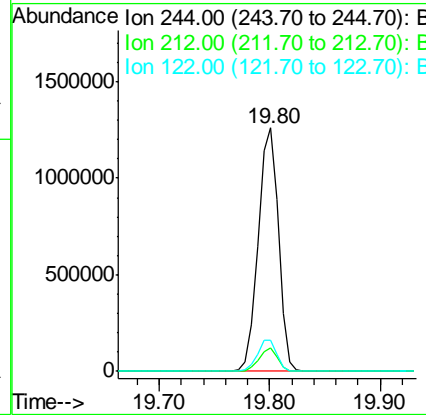
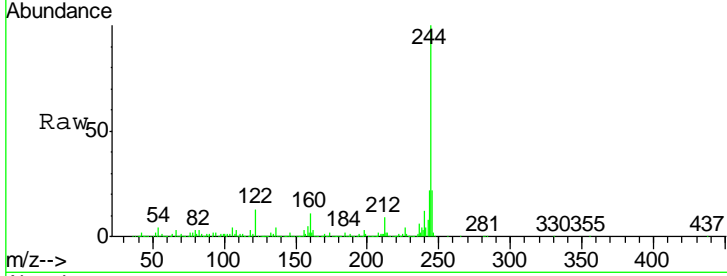




#78  
 Terphenyl-d14  
 Concen: 100.33 ng  
 RT: 19.80 min Scan# 2912  
 Delta R.T. -0.02 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

Instrument :  
 BNA\_G  
 ClientSampled :  
 MWHR3-14

Tgt Ion	Resp	Lower	Upper
244	100		
212	9.4	7.0	10.6
122	12.8	10.4	15.6



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.64 min Scan# 3566  
 Delta R.T. -0.03 min  
 Lab File: BG016978.D  
 Acq: 9 May 2015 5:54

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	18.5	27.7

