

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\  
 Data File : BG033938.D  
 Acq On : 24 Apr 2018 2:58  
 Operator : SJ/JU  
 Sample : J2490-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDP-WC-1

Quant Time: Apr 24 08:36:55 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 19 13:56:22 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	65323	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	286929	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	198462	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	536691	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	580663	20.00	ng	-0.02
86) Perylene-d12	24.52	264	541240	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	551852	134.88	ng	0.00
7) Phenol-d6	7.00	99	670888	112.42	ng	0.00
23) Nitrobenzene-d5	8.98	82	502093	99.59	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	328384	141.83	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1233380	91.30	ng	-0.02
78) Terphenyl-d14	19.85	244	2284449	88.39	ng	-0.02

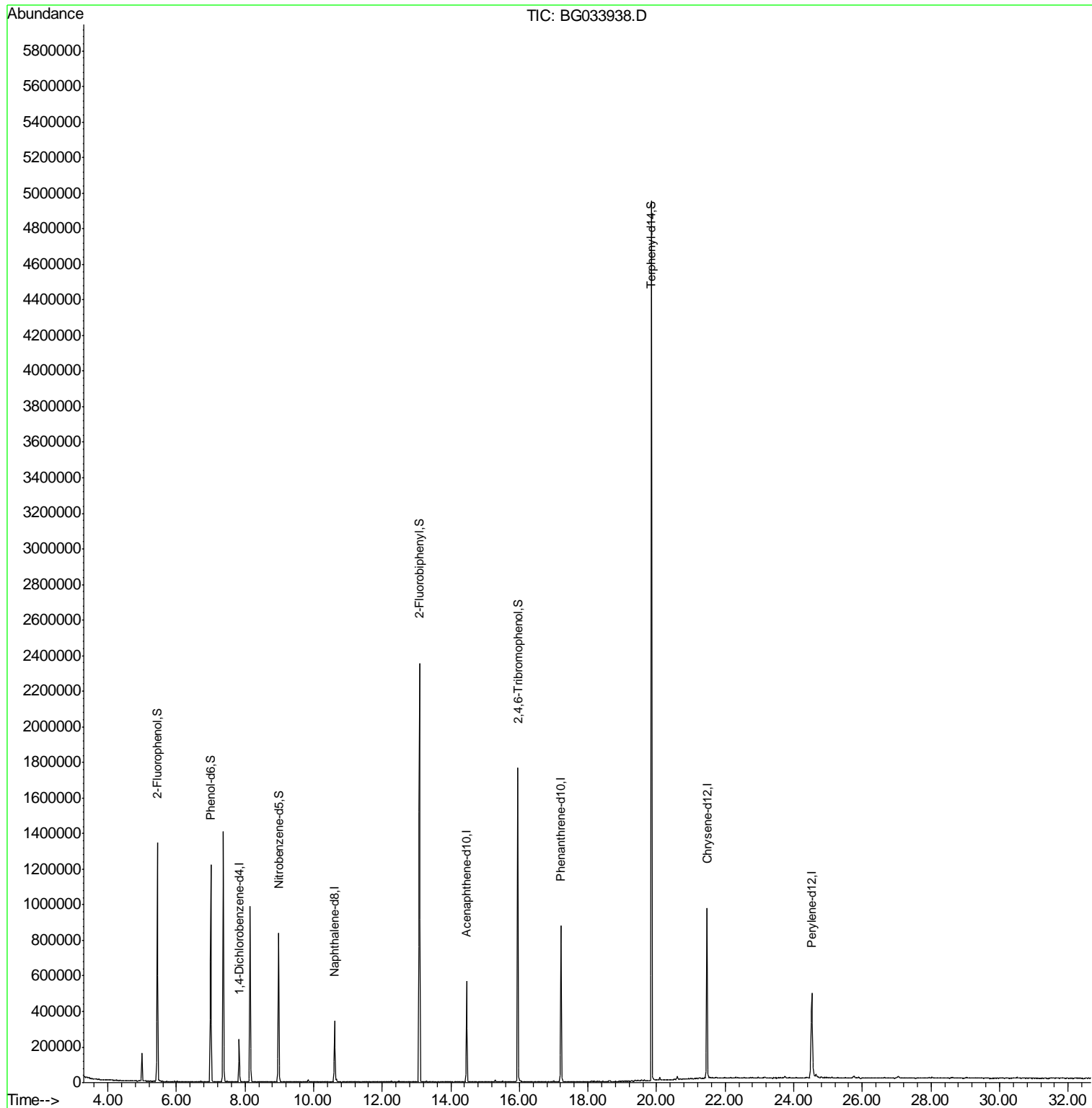
Target Compounds Qvalue

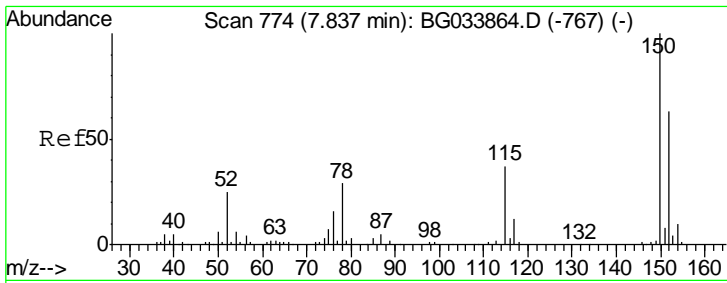
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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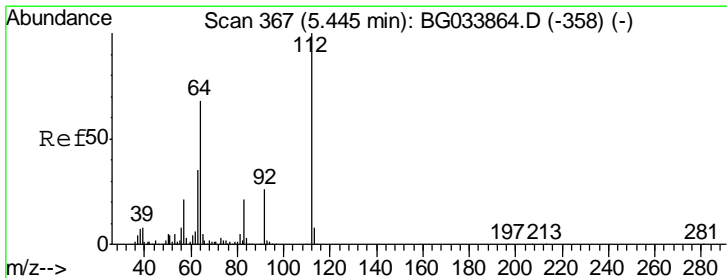
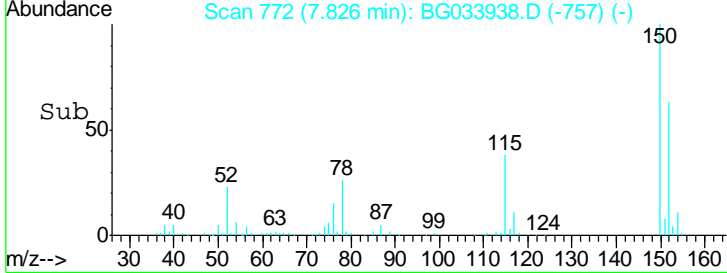
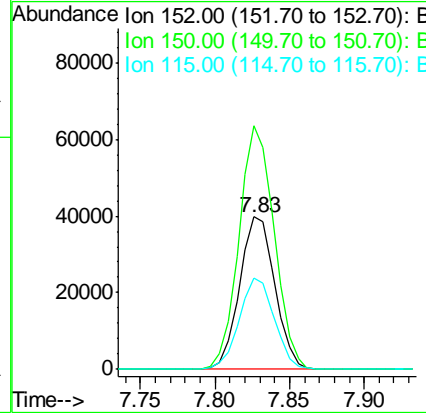
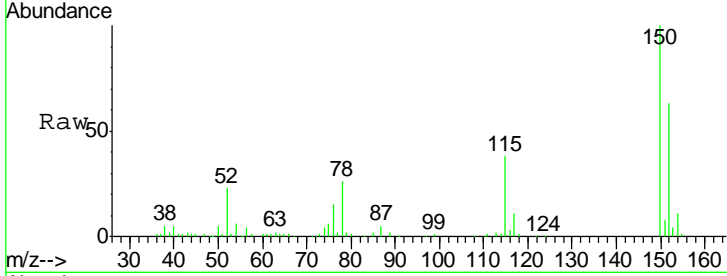




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.83 min Scan# 772  
 Delta R.T. -0.01 min  
 Lab File: BG033938.D  
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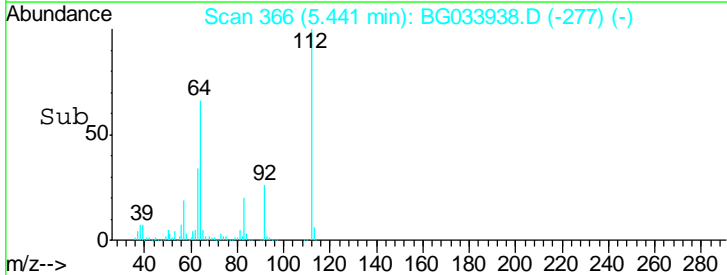
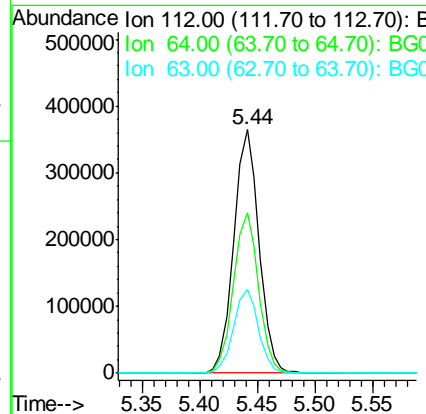
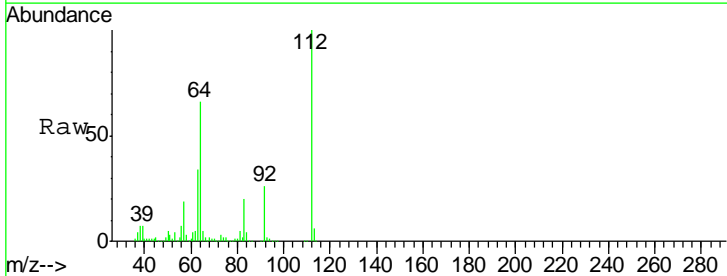
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 MDP-WC-1

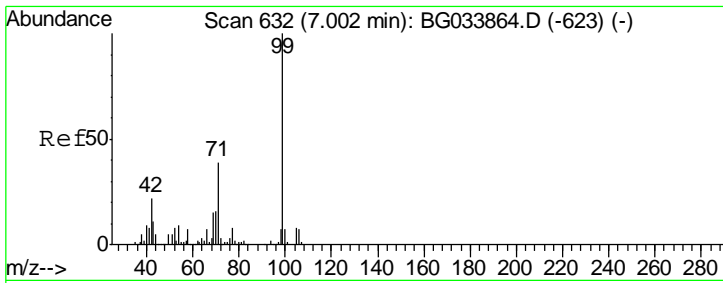
Tgt Ion	Resp	Lower	Upper
152	65323		
150	159.5	126.6	189.8
115	59.8	53.0	79.4



#5  
 2-Fluorophenol  
 Concen: 134.876 ng  
 RT: 5.44 min Scan# 366  
 Delta R.T. -0.00 min  
 Lab File: BG033938.D  
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Tgt Ion	Resp	Lower	Upper
112	551852		
64	65.6	56.3	84.5
63	34.4	30.1	45.1

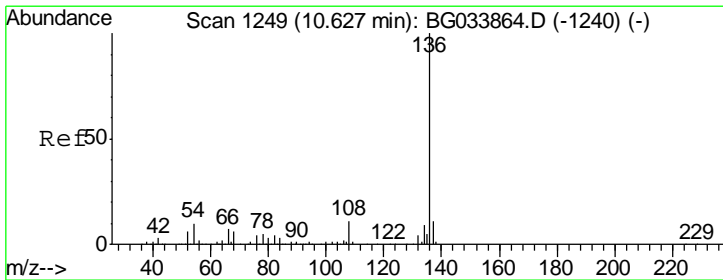
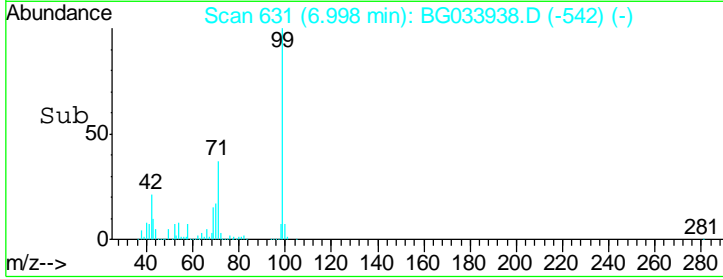
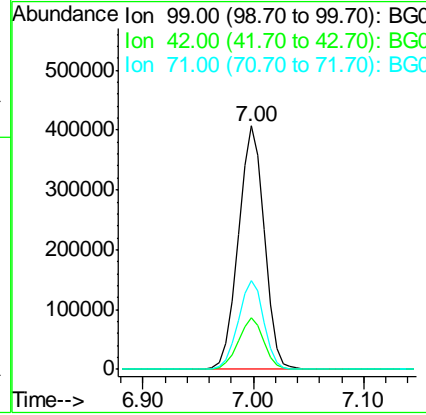
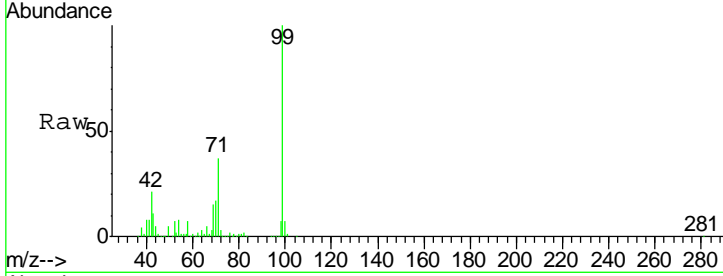




#7  
 Phenol-d6  
 Concen: 112.419 ng  
 RT: 7.00 min Scan# 631  
 Delta R.T. -0.00 min  
 Lab File: BG033938.D  
 Acq: 24 Apr 2018 2:58

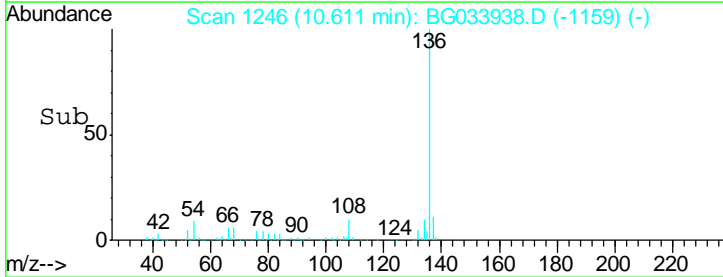
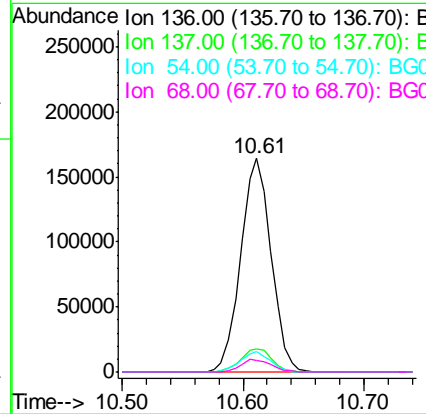
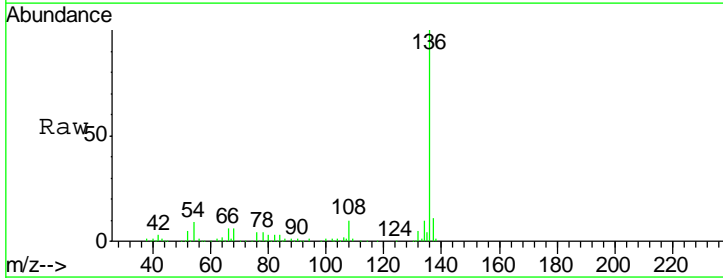
Instrument :  
 BNA\_G  
 ClientSampled :  
 MDP-WC-1

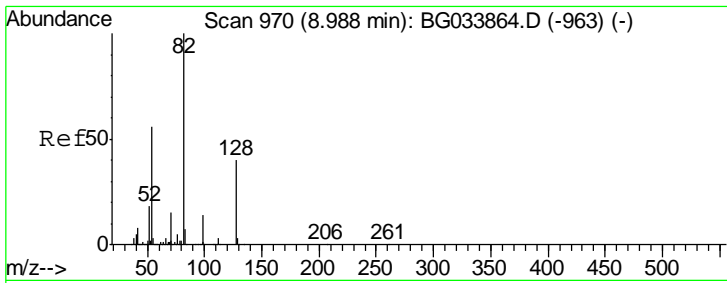
Tgt Ion	Resp	Lower	Upper
99	670888		
42	21.0	14.1	21.1
71	36.7	26.1	39.1



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.61 min Scan# 1246  
 Delta R.T. -0.02 min  
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Tgt Ion	Resp	Lower	Upper
136	286929		
137	10.9	9.2	13.8
54	9.4	10.3	15.5#
68	5.5	4.5	6.7

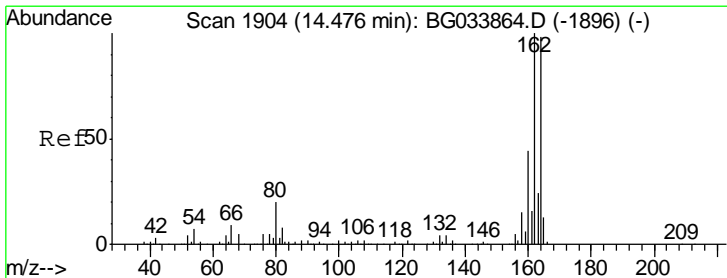
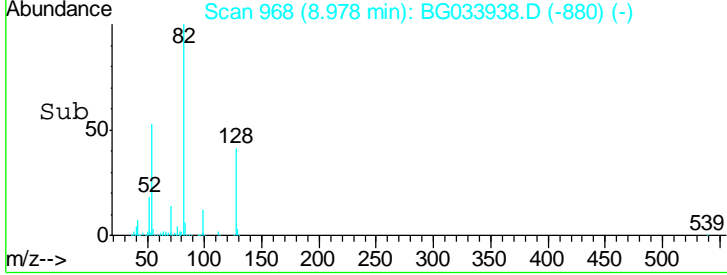
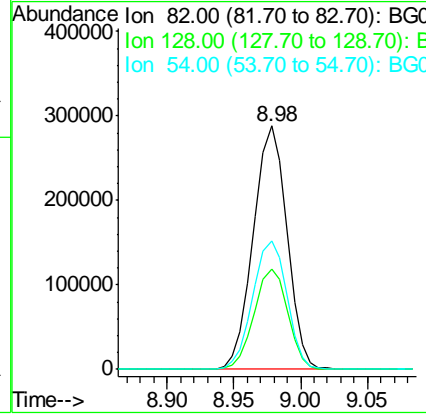
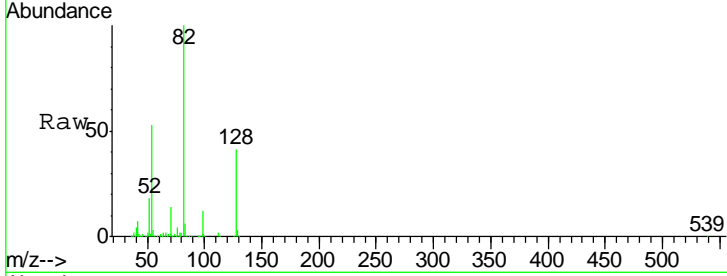




#23  
 Nitrobenzene-d5  
 Concen: 99.585 ng  
 RT: 8.98 min Scan# 968  
 Delta R.T. -0.01 min  
 Lab File: BG033938.D  
 Acq: 24 Apr 2018 2:58

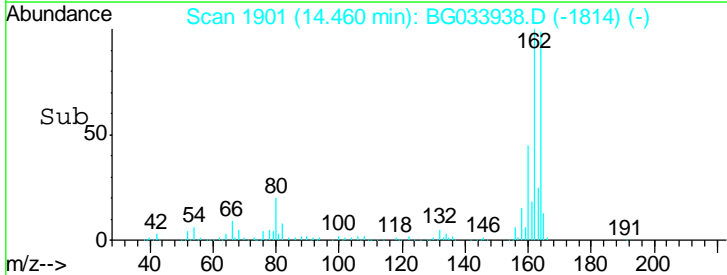
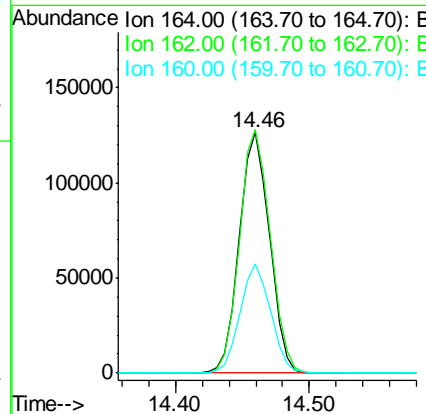
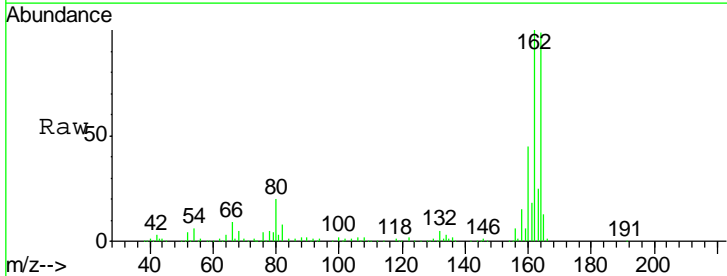
Instrument :  
 BNA\_G  
 ClientSampled :  
 MDP-WC-1

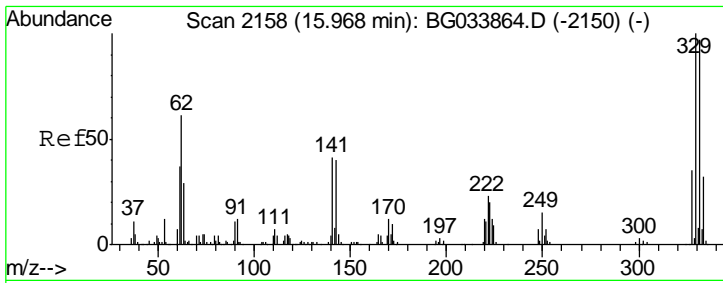
Tgt Ion	Resp	Lower	Upper
82	502093		
128	41.3	29.7	44.5
54	52.9	43.1	64.7



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.46 min Scan# 1901  
 Delta R.T. -0.02 min  
 Lab File: BG033938.D  
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Tgt Ion	Resp	Lower	Upper
164	198462		
162	101.2	78.8	118.2
160	45.2	35.4	53.0

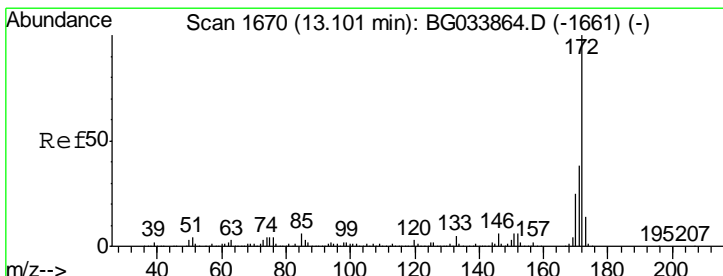
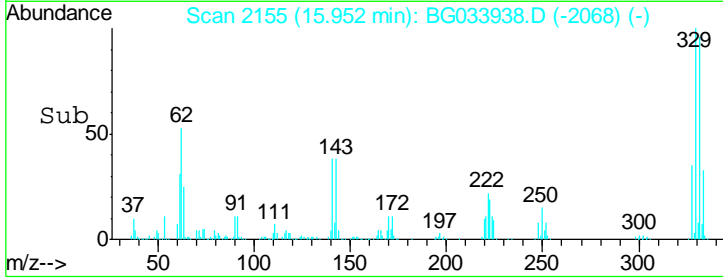
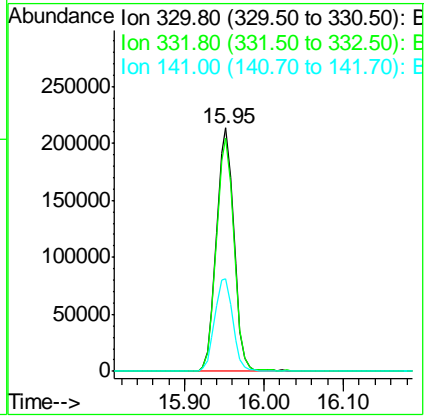
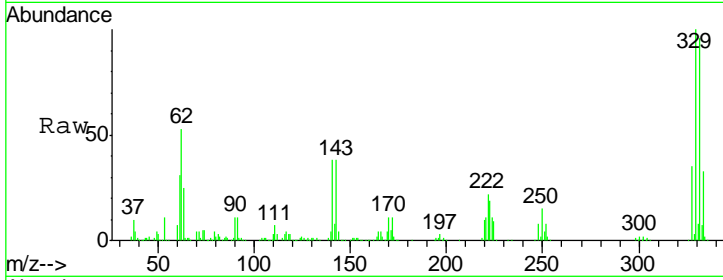




#41  
 2,4,6-Tribromophenol  
 Concen: 141.827 ng  
 RT: 15.95 min Scan# 2155  
 Delta R.T. -0.02 min  
 Lab File: BG033938.D  
 Acq: 24 Apr 2018 2:58

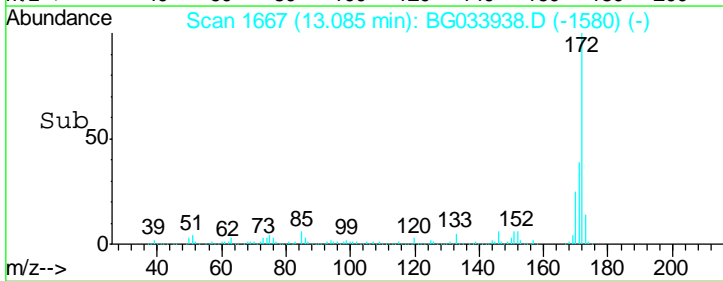
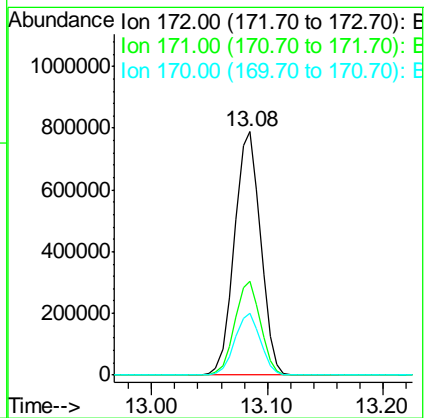
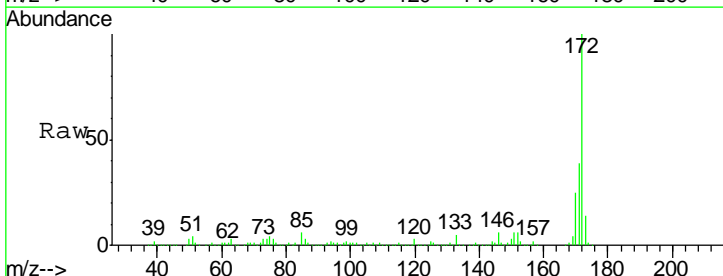
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 MDP-WC-1

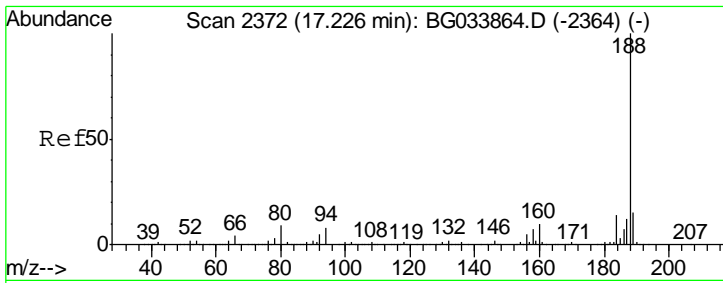
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	39.3	25.2	37.8#



#44  
 2-Fluorobiphenyl  
 Concen: 91.295 ng  
 RT: 13.08 min Scan# 1667  
 Delta R.T. -0.02 min  
 Lab File: BG033938.D  
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Tgt Ion	Resp	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.5	19.5	29.3

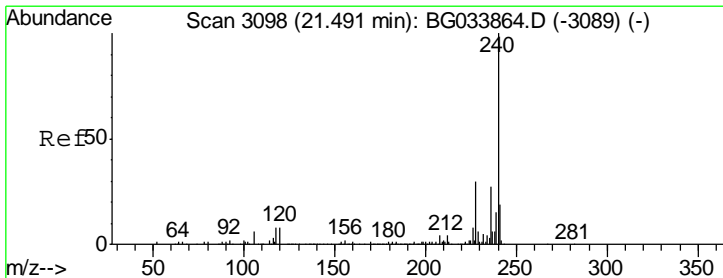
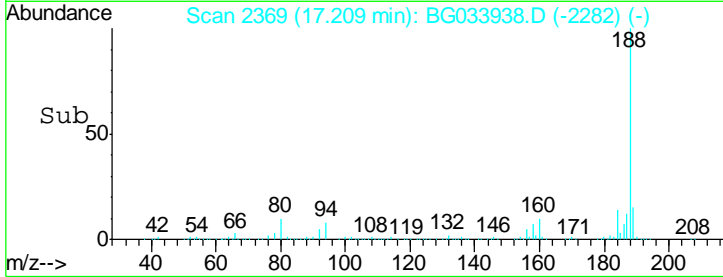
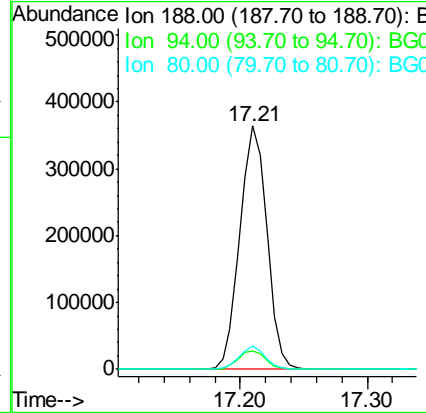
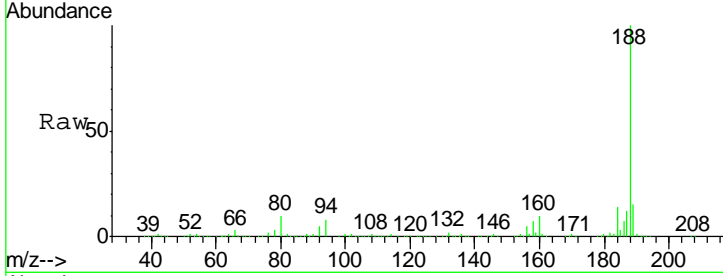




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.21 min Scan# 2369  
 Delta R.T. -0.02 min  
 Lab File: BG033938.D  
 Acq: 24 Apr 2018 2:58

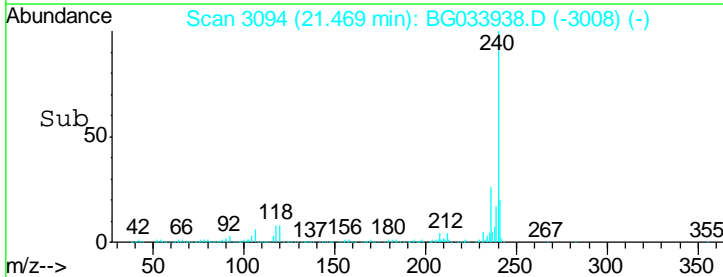
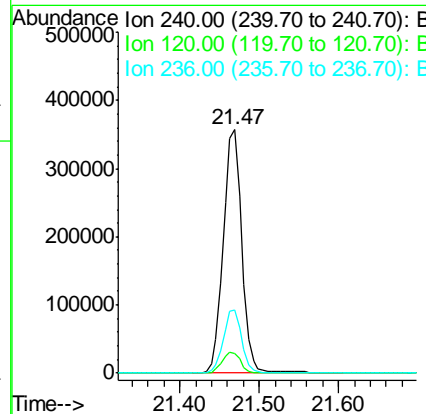
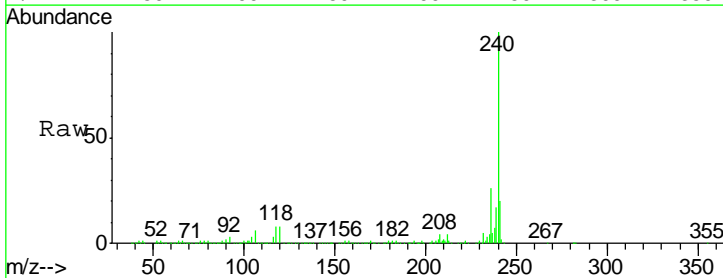
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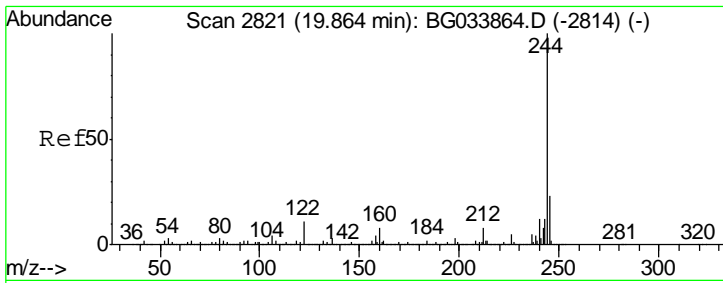
Tgt Ion	Resp	Lower	Upper
188	536691		
94	7.8	6.9	10.3
80	9.7	7.7	11.5



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.47 min Scan# 3094  
 Delta R.T. -0.02 min  
 Lab File: BG033938.D  
 Acq: 24 Apr 2018 2:58

Tgt Ion	Resp	Lower	Upper
240	580663		
120	7.9	6.8	10.2
236	25.7	20.9	31.3

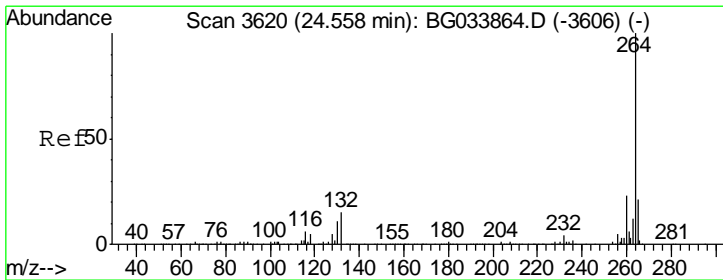
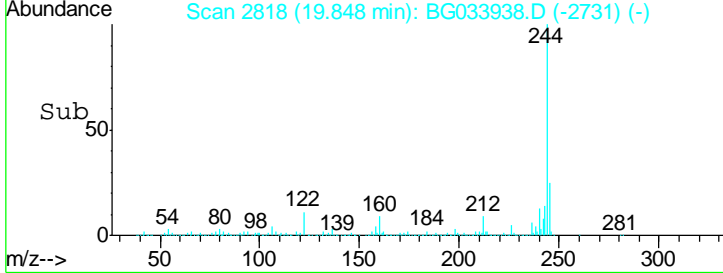
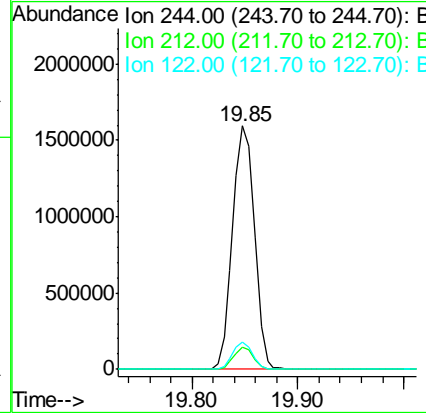
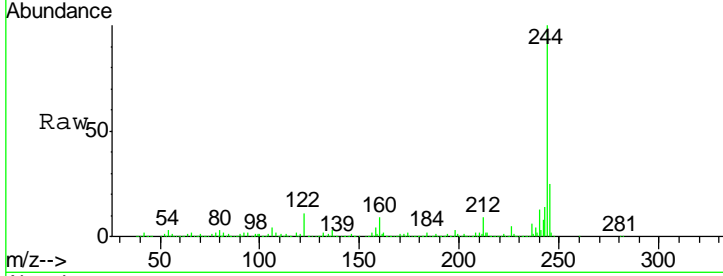




#78  
 Terphenyl-d14  
 Concen: 88.386 ng  
 RT: 19.85 min Scan# 2818  
 Delta R.T. -0.02 min  
 Lab File: BG033938.D  
 Acq: 24 Apr 2018 2:58

**Instrument :**  
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Tgt Ion	Resp	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	11.1	7.0	10.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.52 min Scan# 3614  
 Delta R.T. -0.03 min  
 Lab File: BG033938.D  
 Acq: 24 Apr 2018 2:58

Tgt Ion	Resp	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	22.8	17.7	26.5

