

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\  
 Data File : BG031394.D  
 Acq On : 7 Dec 2017 7:18  
 Operator : SJ/JU  
 Sample : I6685-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-06-120517-A

Quant Time: Dec 07 08:22:57 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 17:58:37 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	68541	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	283833	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	178996	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	459144	20.00	ng	0.00
75) Chrysene-d12	21.76	240	501946	20.00	ng	0.00
86) Perylene-d12	25.07	264	466973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	496213	124.14	ng	0.01
7) Phenol-d6	7.30	99	597581	110.97	ng	0.00
23) Nitrobenzene-d5	9.30	82	410509	85.70	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	274498	94.80	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1114932	89.50	ng	0.00
78) Terphenyl-d14	20.08	244	1977752	87.00	ng	0.00

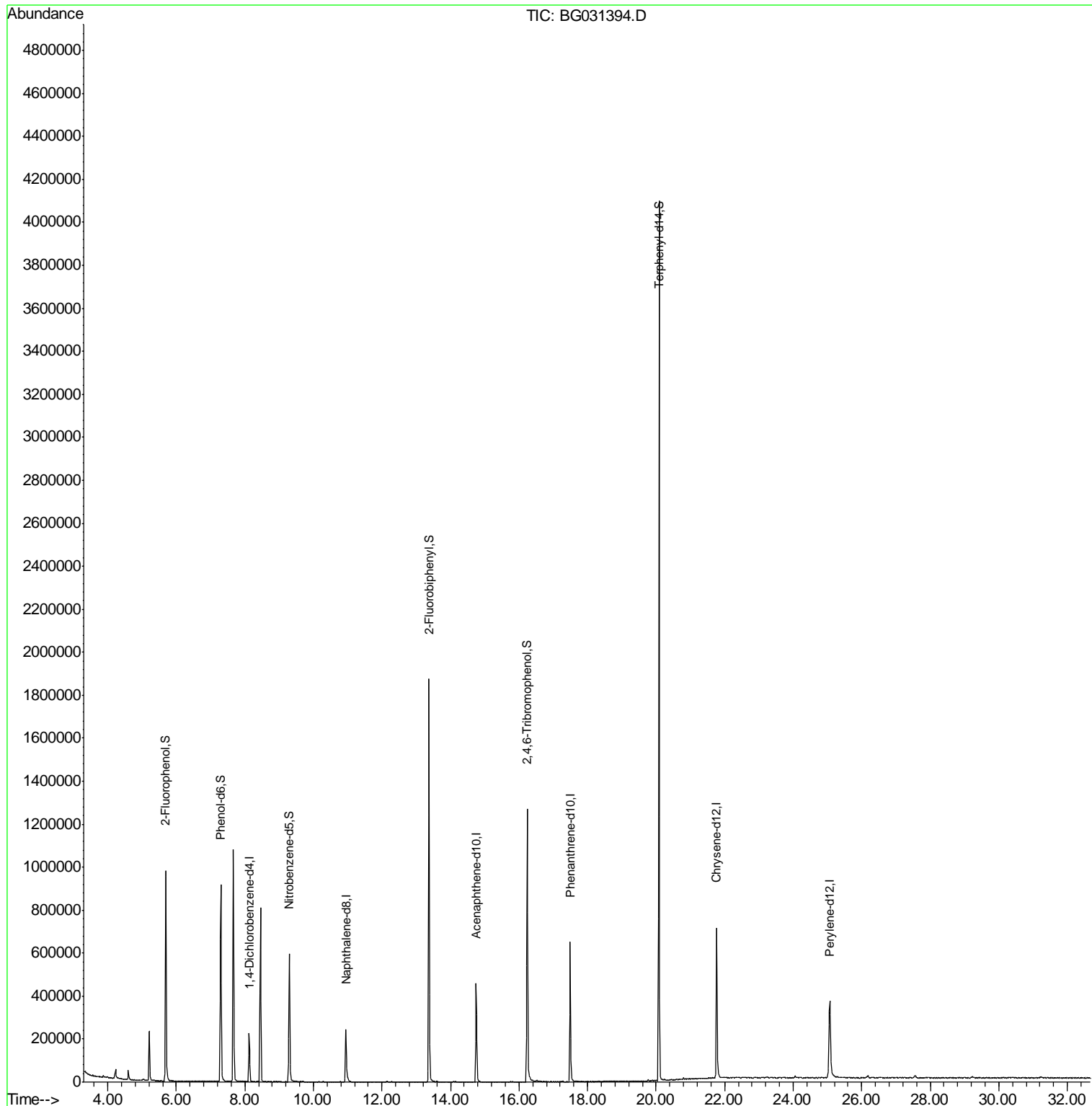
Target Compounds Qvalue

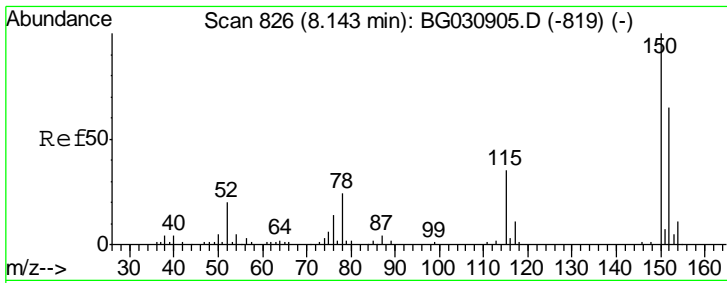
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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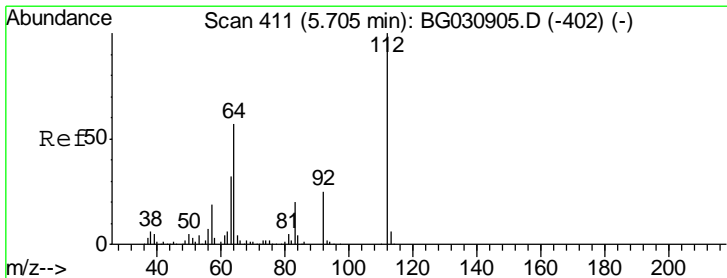
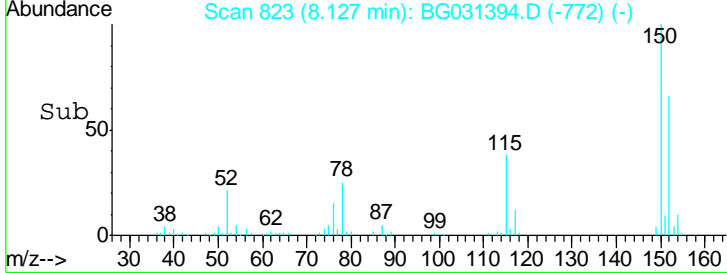
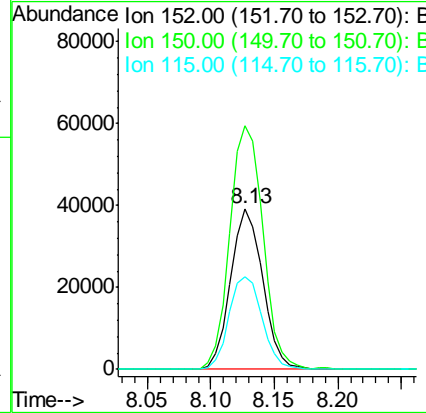
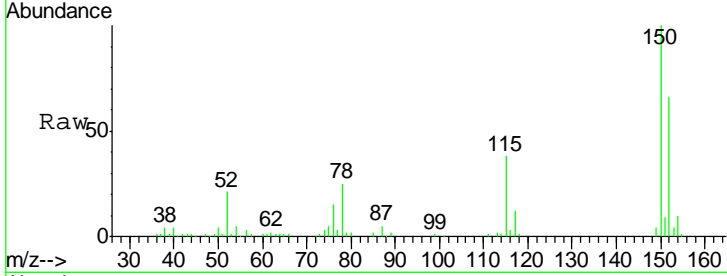




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.13 min Scan# 823  
 Delta R.T. -0.00 min  
 Lab File: BG031394.D  
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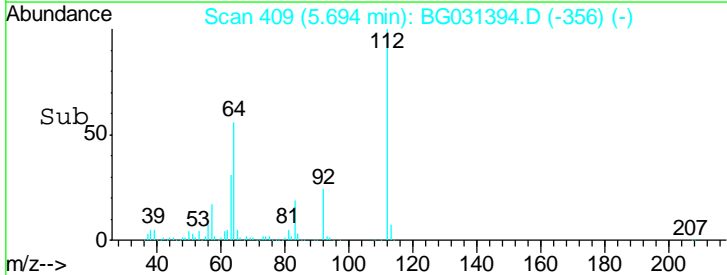
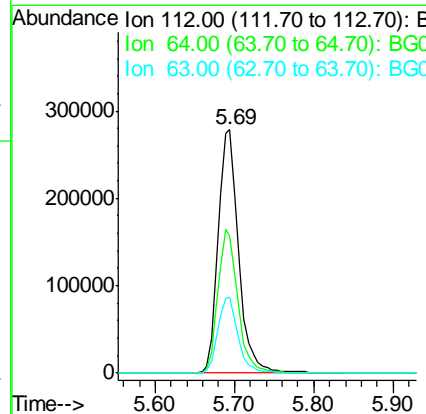
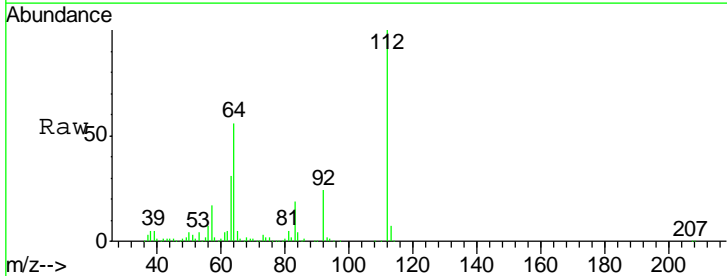
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 BNA\_G  
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 AU-06-120517-A

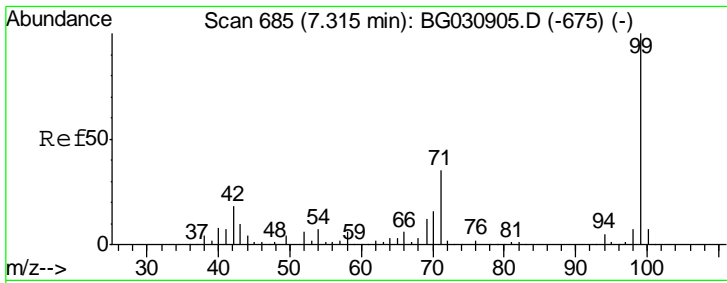
Tgt Ion	Resp	Lower	Upper
152	68541		
150	151.6	126.6	189.8
115	57.7	53.0	79.4



#5  
 2-Fluorophenol  
 Concen: 124.143 ng  
 RT: 5.69 min Scan# 409  
 Delta R.T. 0.01 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

Tgt Ion	Resp	Lower	Upper
112	496213		
64	56.2	56.3	84.5#
63	31.0	30.1	45.1

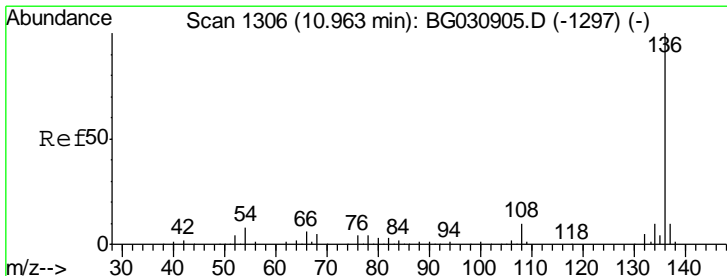
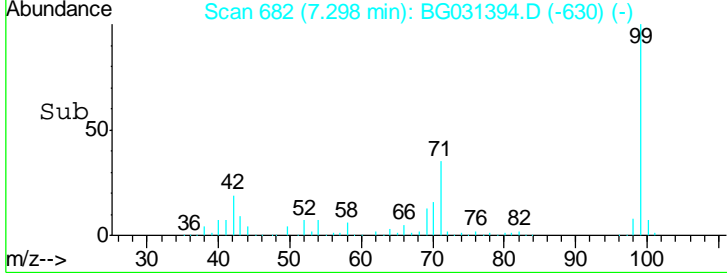
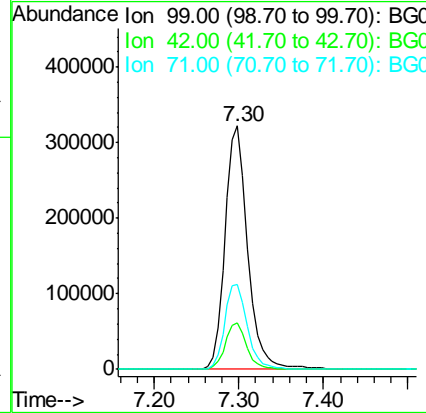
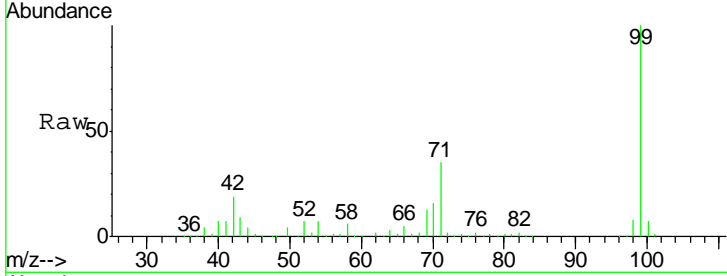




#7  
 Phenol-d6  
 Concen: 110.972 ng  
 RT: 7.30 min Scan# 682  
 Delta R.T. 0.00 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

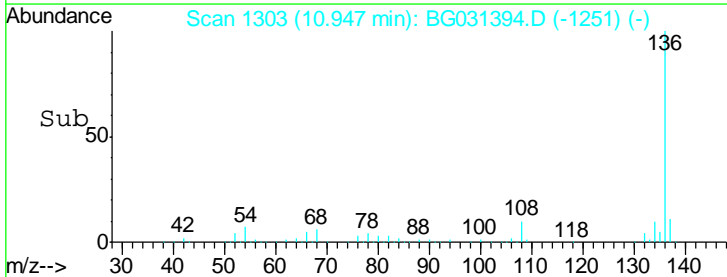
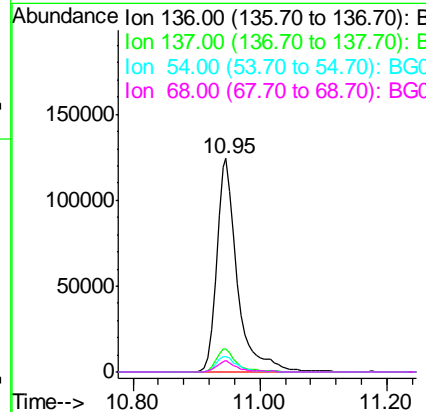
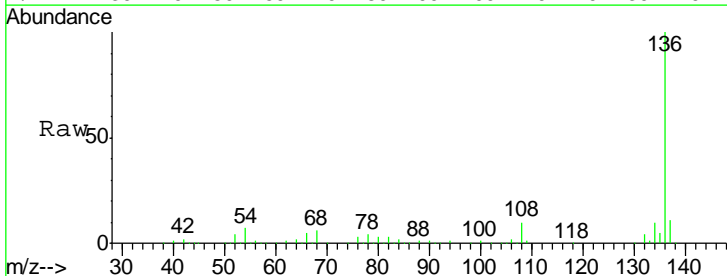
Instrument :  
 BNA\_G  
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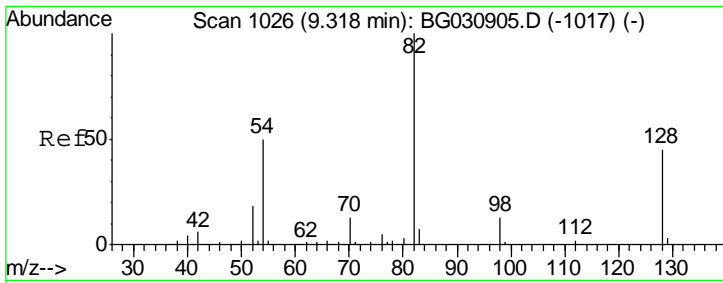
Tgt Ion	Resp	Lower	Upper
99	597581		
99	100		
42	18.9	14.1	21.1
71	34.7	26.1	39.1



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.95 min Scan# 1303  
 Delta R.T. 0.00 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

Tgt Ion	Resp	Lower	Upper
136	283833		
136	100		
137	11.0	9.2	13.8
54	7.3	10.3	15.5#
68	5.6	4.5	6.7

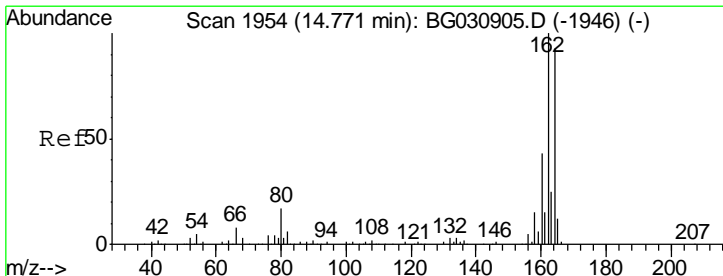
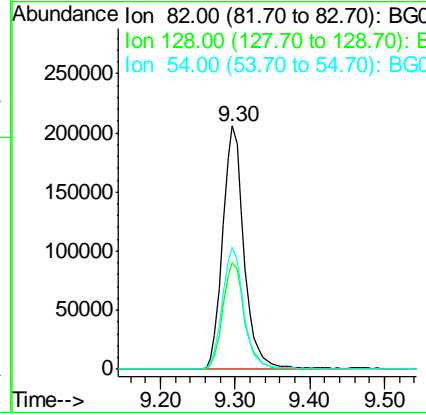
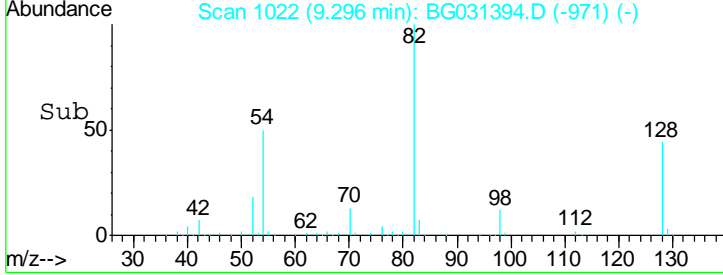
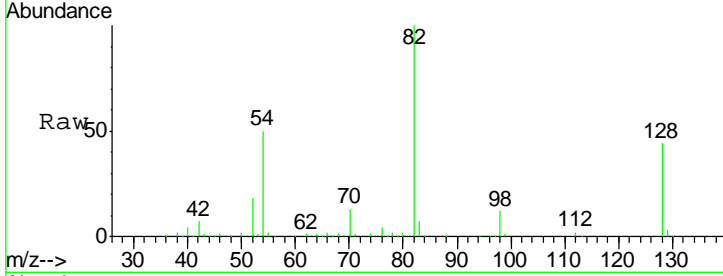




#23  
 Nitrobenzene-d5  
 Concen: 85.703 ng  
 RT: 9.30 min Scan# 1022  
 Delta R.T. -0.00 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

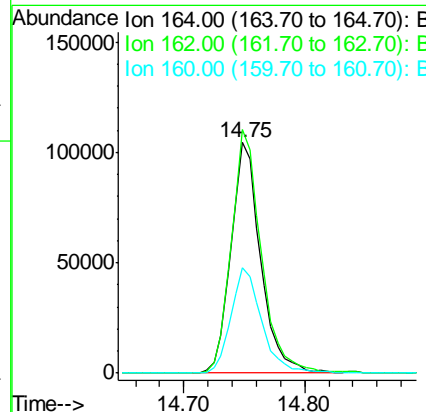
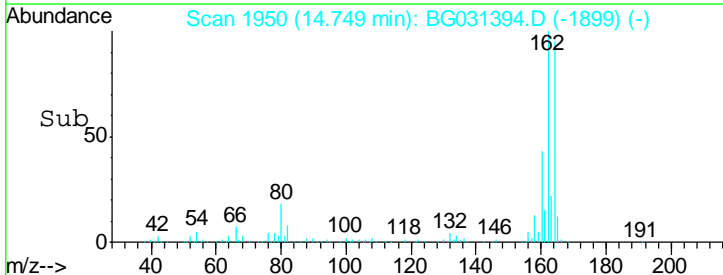
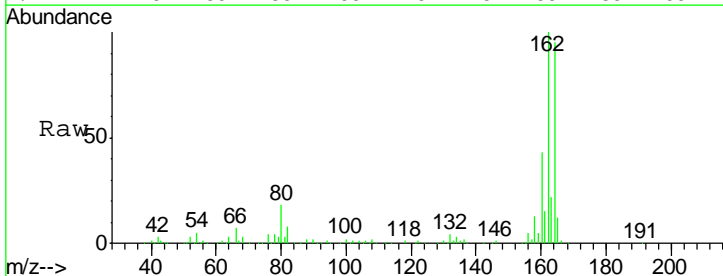
**Instrument :**  
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**ClientSampled :**  
 AU-06-120517-A

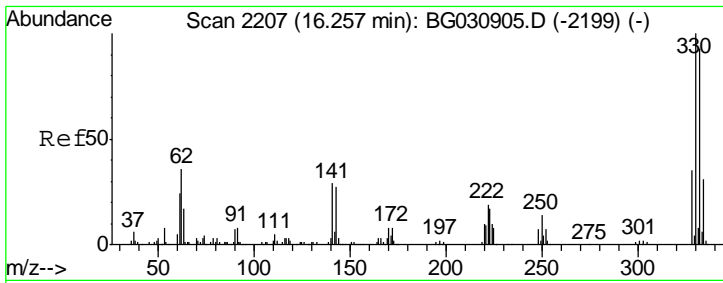
Tgt Ion	Resp	Lower	Upper
82	410509		
128	44.0	29.7	44.5
54	49.9	43.1	64.7



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.75 min Scan# 1950  
 Delta R.T. -0.00 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

Tgt Ion	Resp	Lower	Upper
164	178996		
162	105.7	78.8	118.2
160	45.6	35.4	53.0

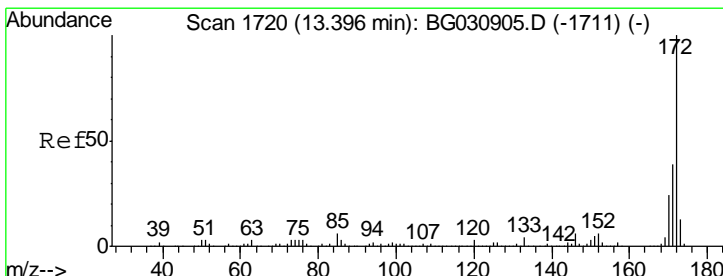
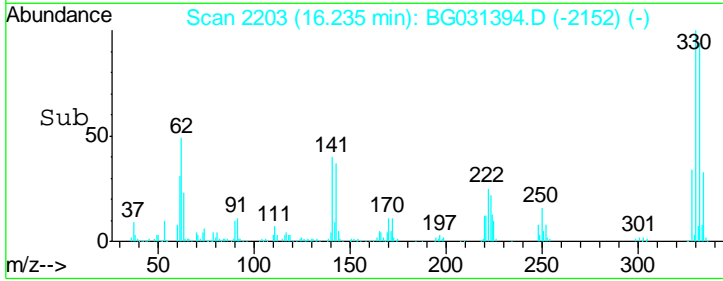
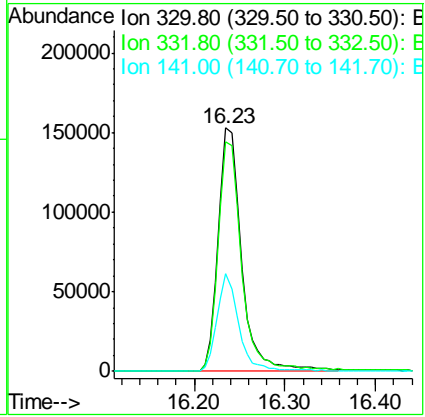
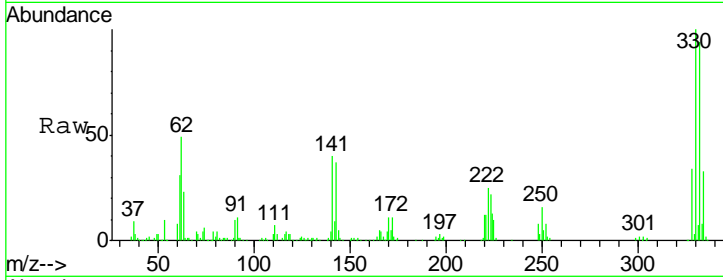




#41  
 2,4,6-Tribromophenol  
 Concen: 94.799 ng  
 RT: 16.23 min Scan# 2203  
 Delta R.T. -0.00 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

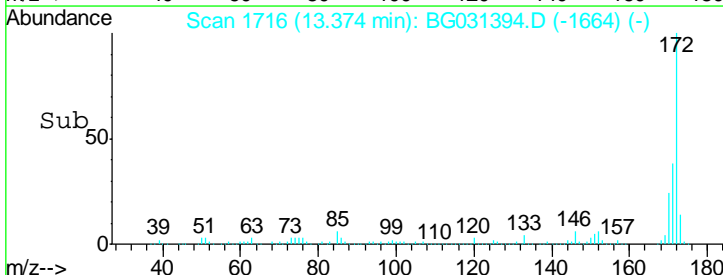
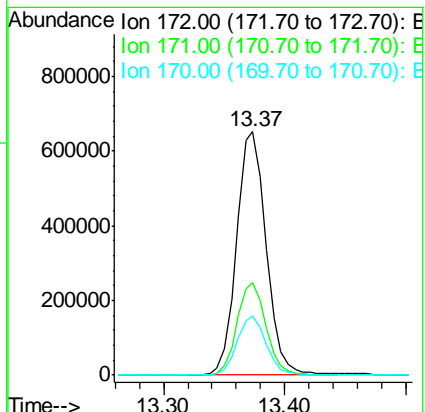
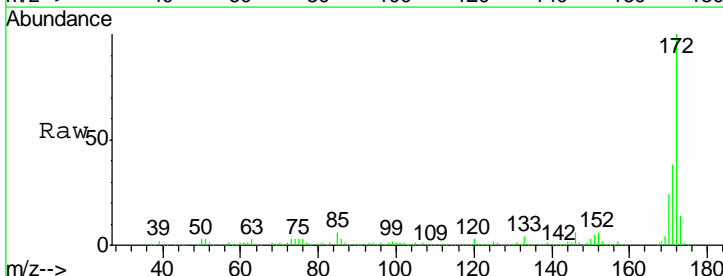
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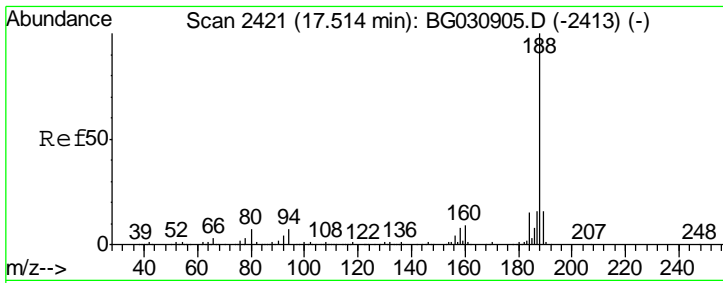
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.6	25.2	37.8



#44  
 2-Fluorobiphenyl  
 Concen: 89.501 ng  
 RT: 13.37 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.2	19.5	29.3

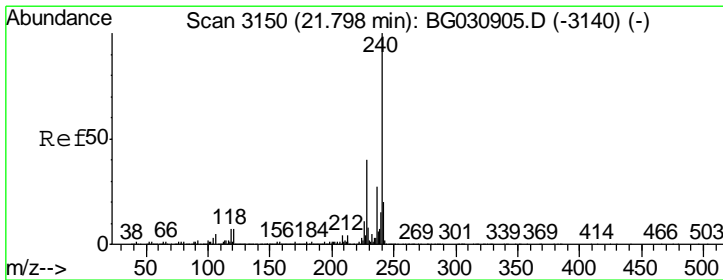
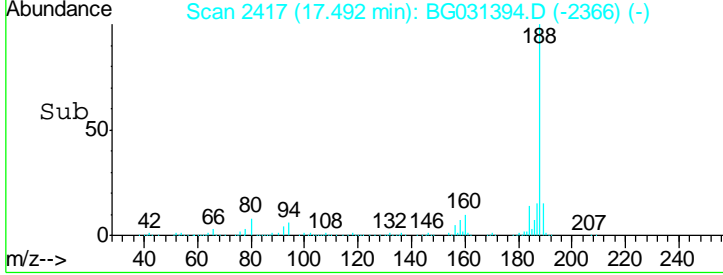
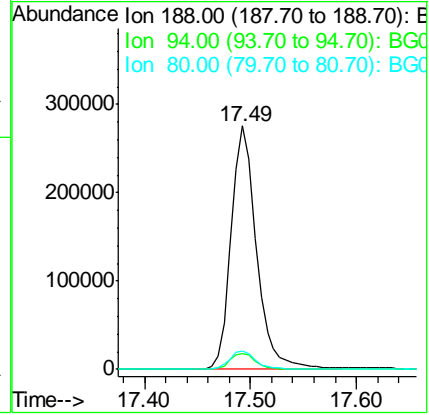
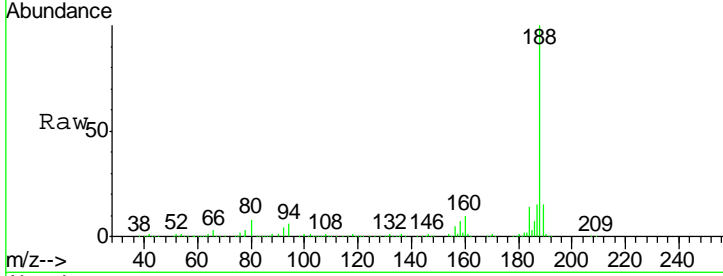




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.49 min Scan# 2417  
 Delta R.T. -0.00 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

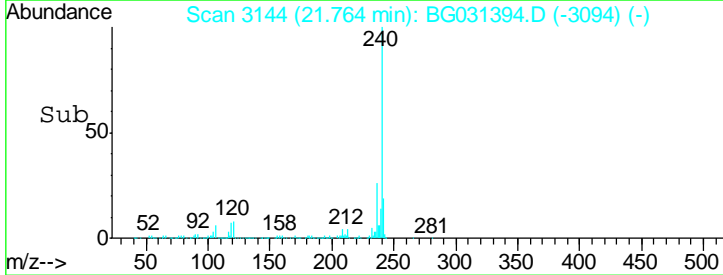
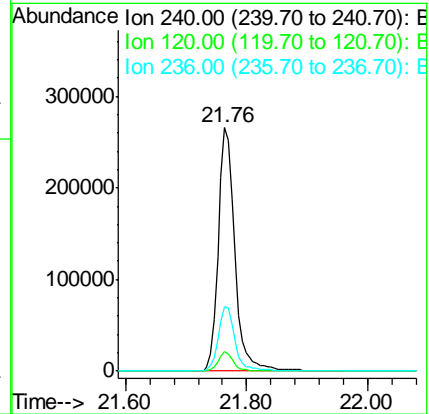
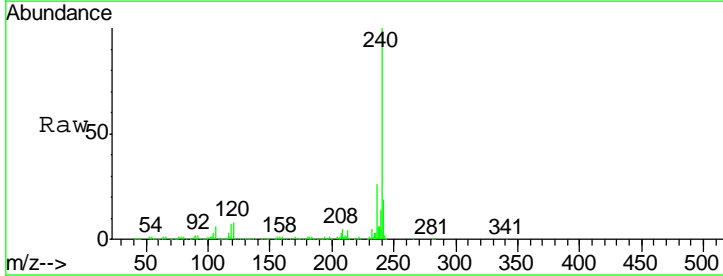
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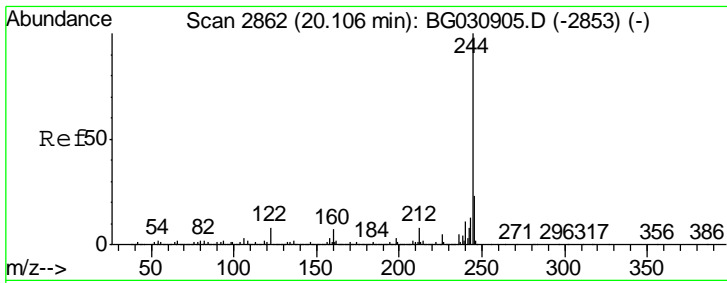
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.6	7.7	11.5#



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.76 min Scan# 3144  
 Delta R.T. -0.01 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

Tgt Ion	Resp	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	26.5	20.9	31.3

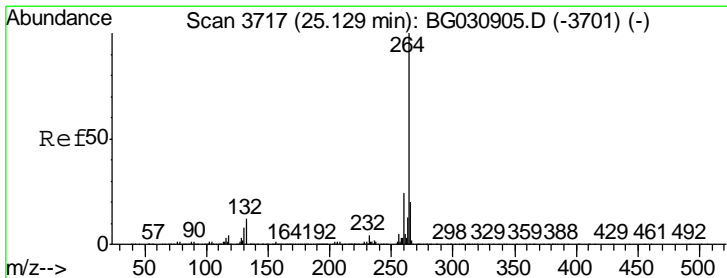
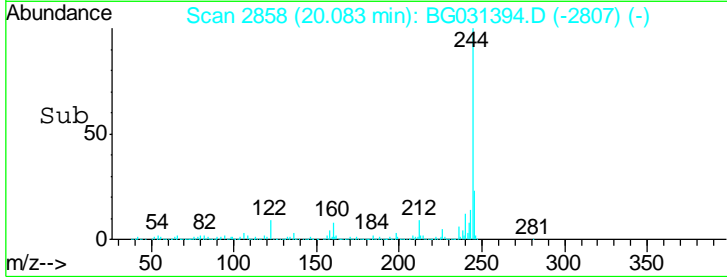
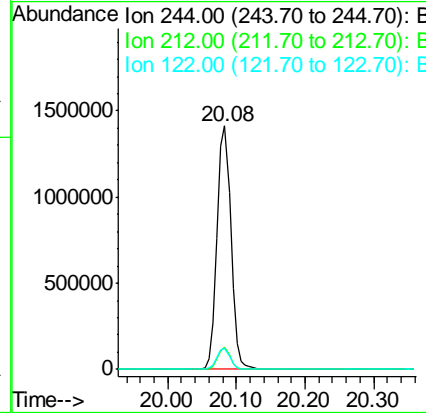
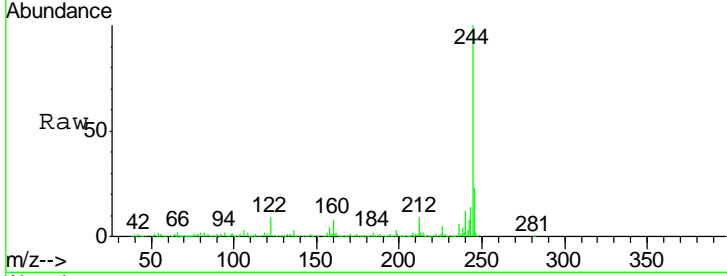




#78  
 Terphenyl-d14  
 Concen: 87.002 ng  
 RT: 20.08 min Scan# 2858  
 Delta R.T. -0.00 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

Instrument :  
 BNA\_G  
 ClientSampled :  
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	8.8	7.0	10.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.07 min Scan# 3706  
 Delta R.T. -0.00 min  
 Lab File: BG031394.D  
 Acq: 7 Dec 2017 7:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.3	17.7	26.5

