

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061118\  
 Data File : BG035048.D  
 Acq On : 12 Jun 2018 1:59  
 Operator : SJ/JU  
 Sample : J3343-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 12 05:58:57 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 08 17:16:28 2018  
 Response via : Initial Calibration

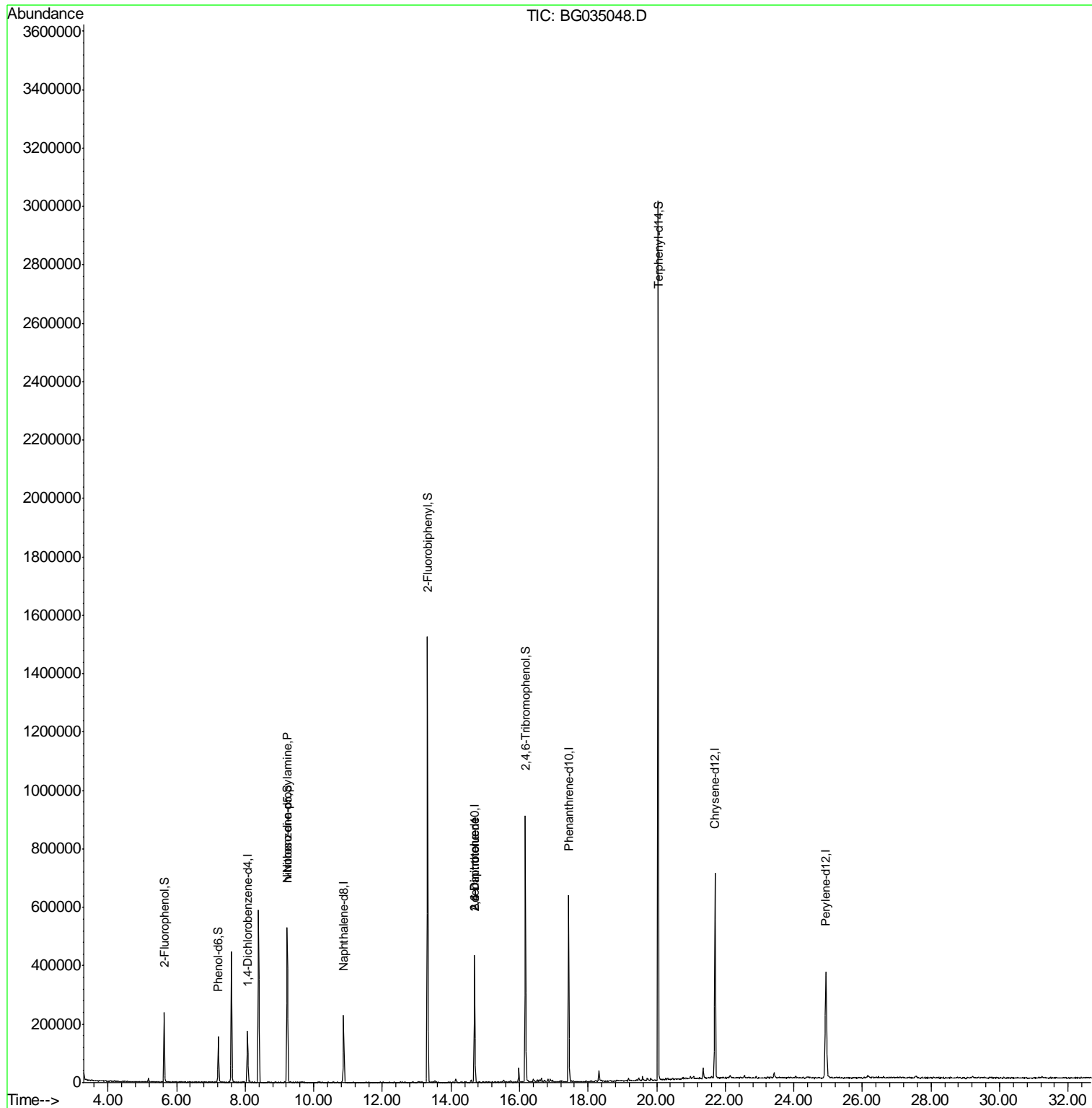
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	49715	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	190916	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	146661	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	394066	20.00	ng	0.00
75) Chrysene-d12	21.70	240	435574	20.00	ng	-0.01
86) Perylene-d12	24.93	264	424834	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	98612	33.47	ng	0.00
7) Phenol-d6	7.22	99	94636	21.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	353381	87.98	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	164095	87.40	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	830076	73.58	ng	0.00
78) Terphenyl-d14	20.04	244	1484884	71.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	48321	13.081	ng	# 69
50) 2,6-Dinitrotoluene	14.69	165	18924	8.111	ng	# 20
56) 2,4-Dinitrotoluene	14.69	165	18924	6.106	ng	# 17

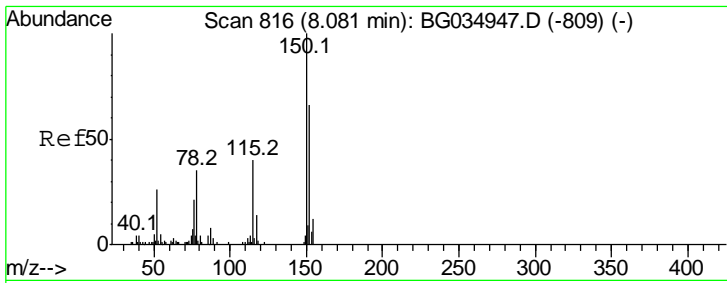
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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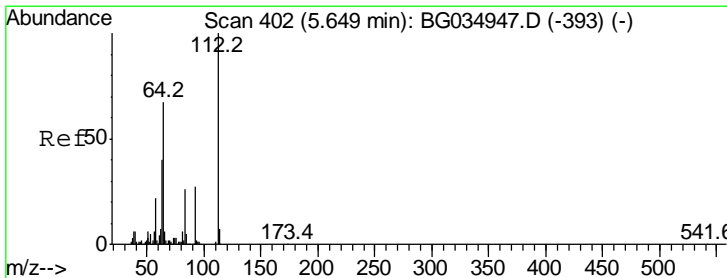
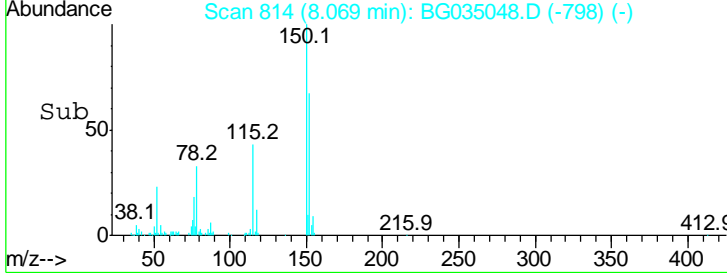
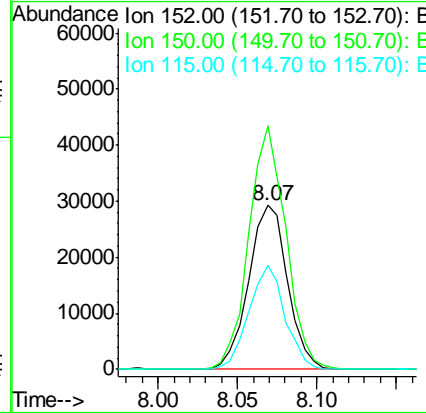
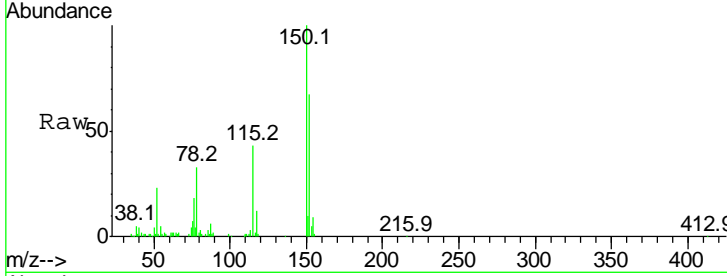




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.07 min Scan# 814  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

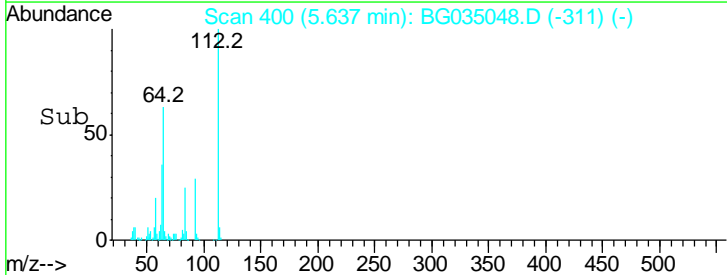
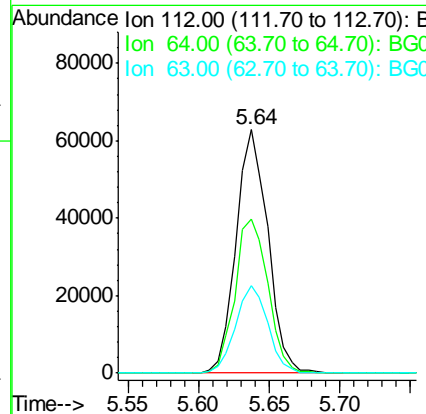
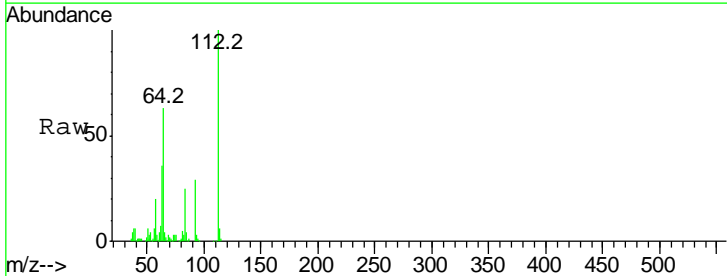
Instrument :  
 BNA\_M  
 ClientSampled :

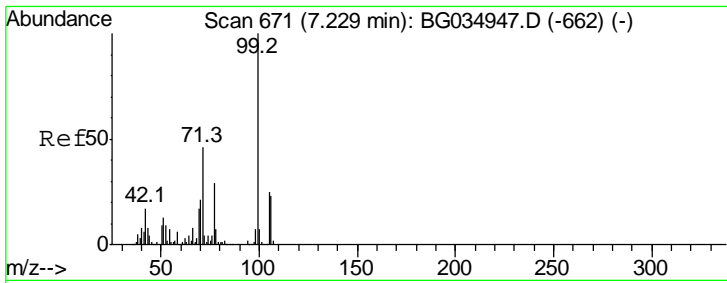
Tgt Ion	Resp	Lower	Upper
152	49715		
152	100		
150	148.5	126.6	189.8
115	63.2	53.0	79.4



#5  
 2-Fluorophenol  
 Concen: 33.474 ng  
 RT: 5.64 min Scan# 400  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

Tgt Ion	Resp	Lower	Upper
112	98612		
112	100		
64	63.2	56.3	84.5
63	35.7	30.1	45.1

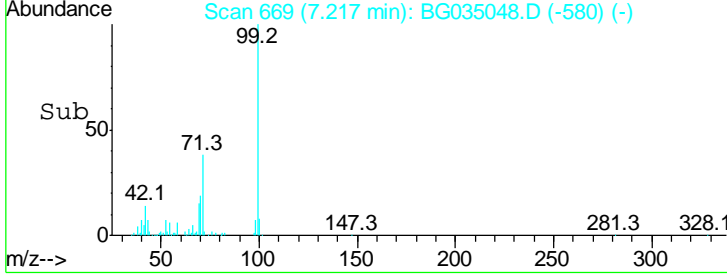
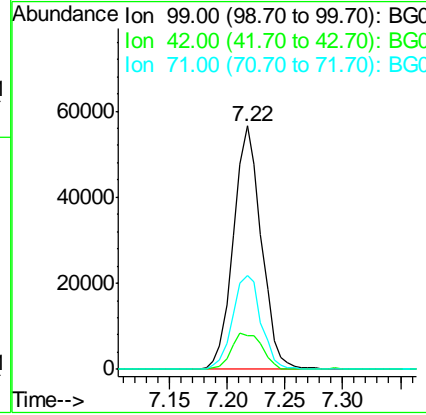
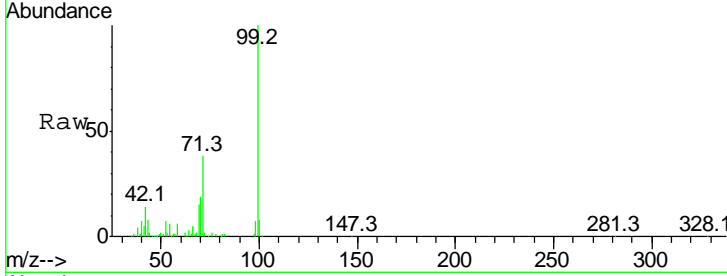




#7  
 Phenol-d6  
 Concen: 21.766 ng  
 RT: 7.22 min Scan# 669  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

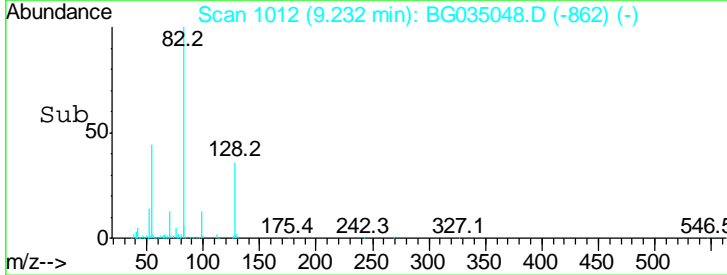
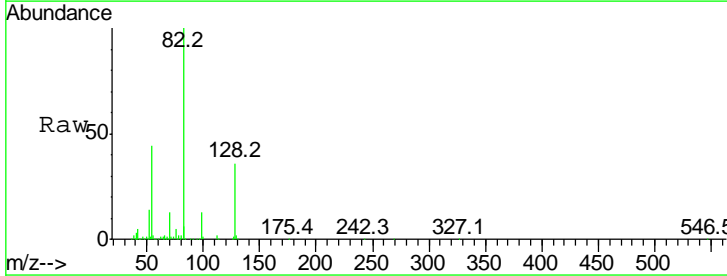
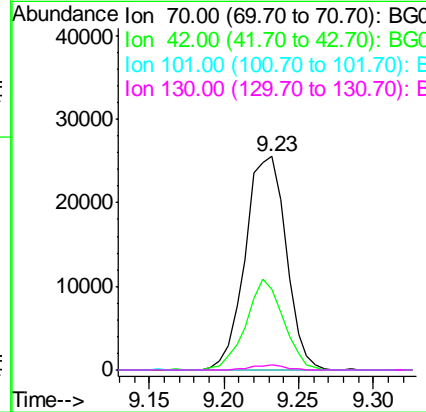
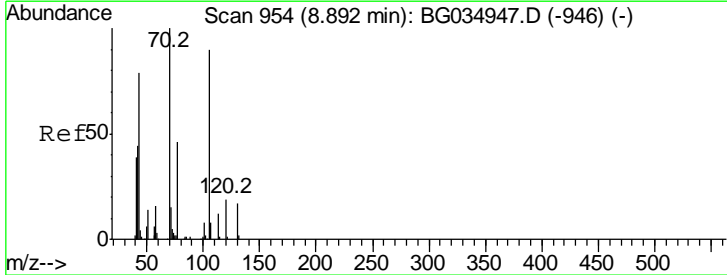
Instrument :  
 BNA\_M  
 ClientSampled :

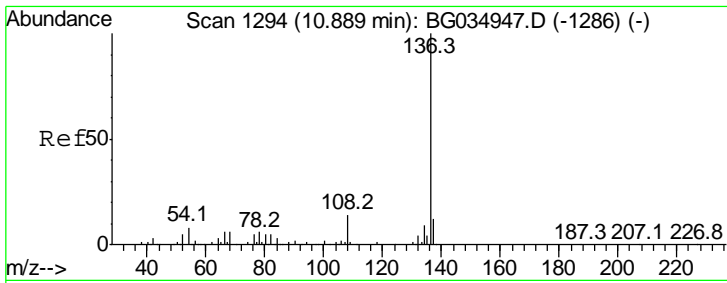
Tgt Ion	Resp	Lower	Upper
99	100		
42	13.8	14.1	21.1#
71	38.4	26.1	39.1



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 13.081 ng  
 RT: 9.23 min Scan# 1012  
 Delta R.T. 0.35 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

Tgt Ion	Resp	Lower	Upper
70	100		
42	38.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#

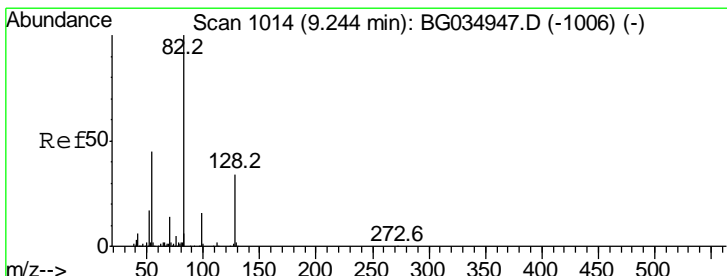
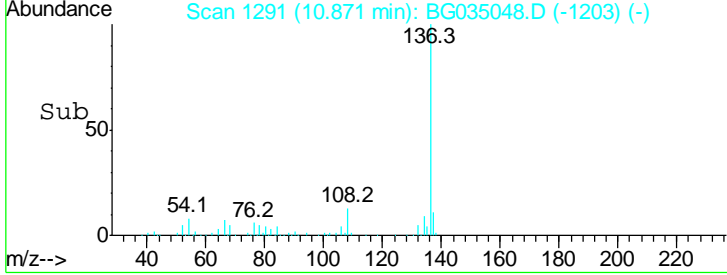
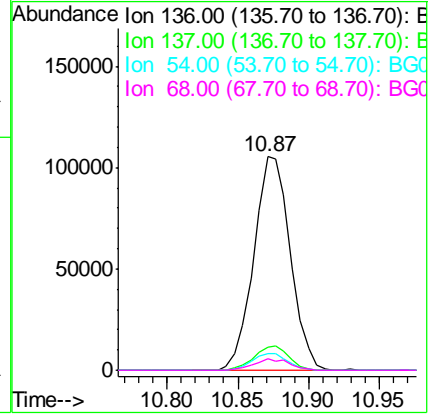
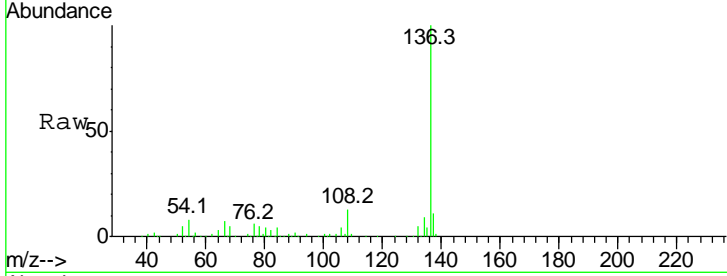




#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.87 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

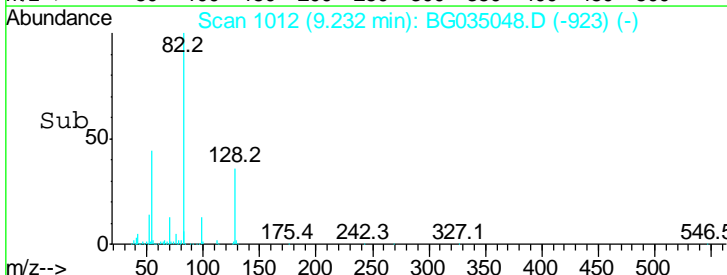
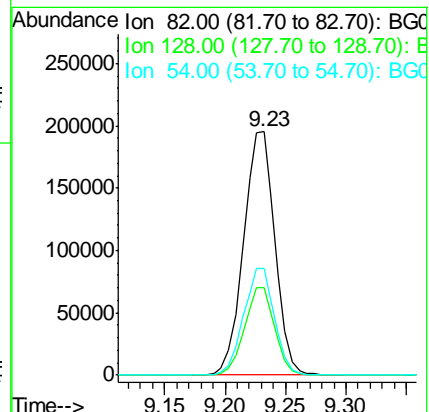
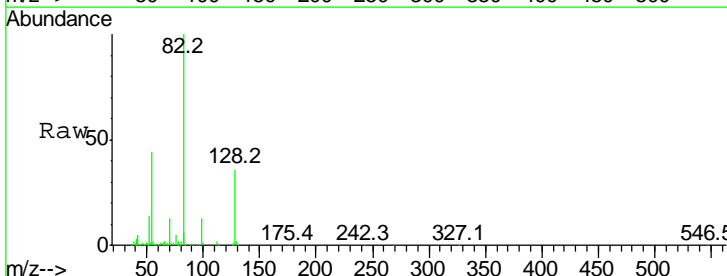
Instrument :  
 BNA\_M  
 ClientSampled :

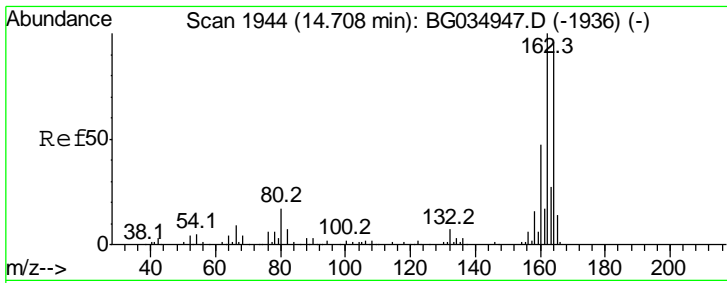
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.6	10.3	15.5#
68	5.5	4.5	6.7



#23  
 Nitrobenzene-d5  
 Concen: 87.985 ng  
 RT: 9.23 min Scan# 1012  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	44.1	43.1	64.7

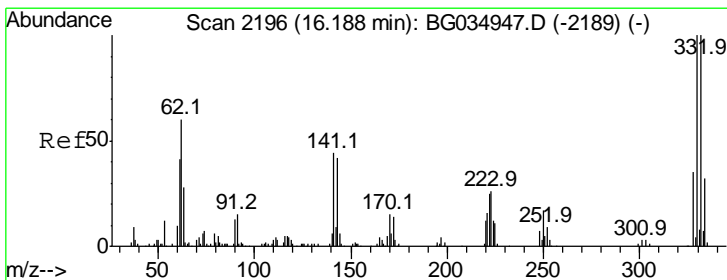
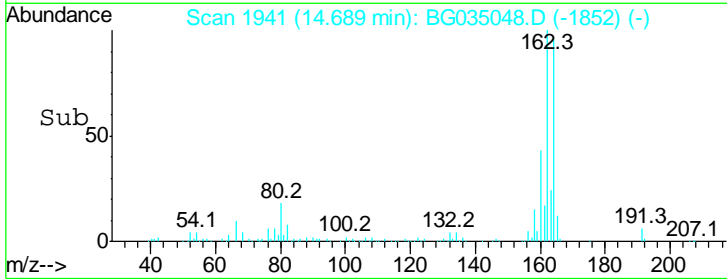
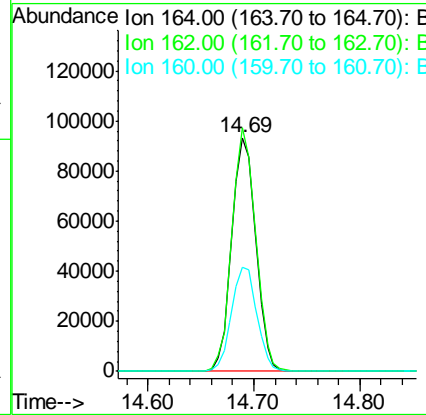
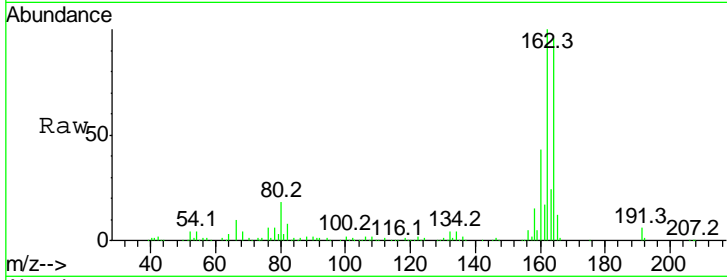




#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.69 min Scan# 1941  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

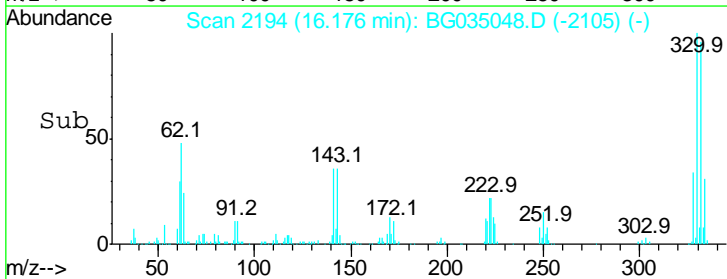
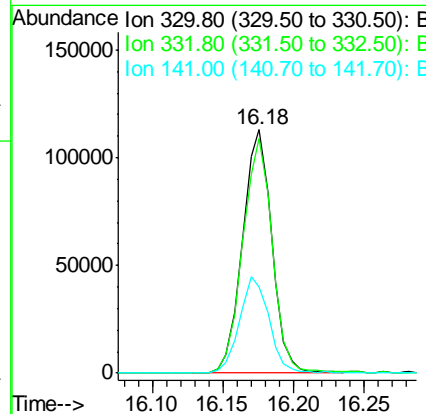
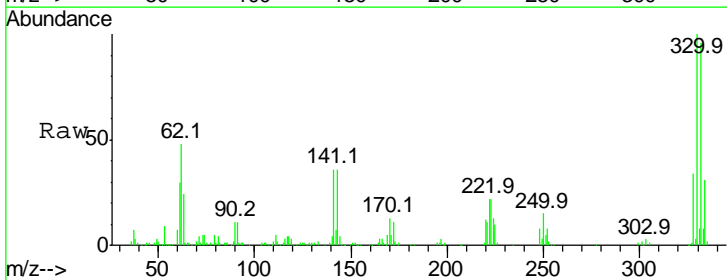
Instrument :  
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 ClientSampled :

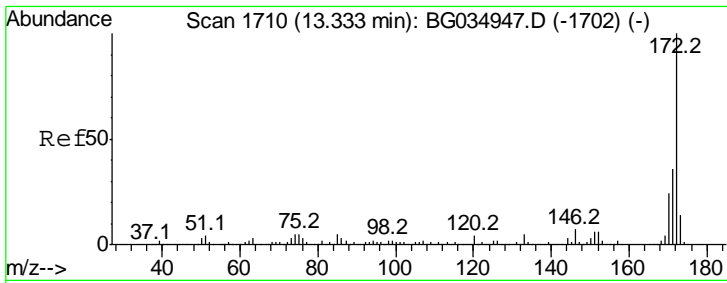
Tgt Ion	Resp	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	44.7	35.4	53.0



#41  
 2,4,6-Tribromophenol  
 Concen: 87.403 ng  
 RT: 16.18 min Scan# 2194  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

Tgt Ion	Resp	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	40.0	25.2	37.8#

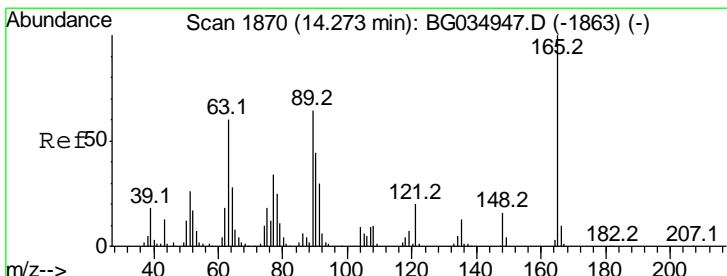
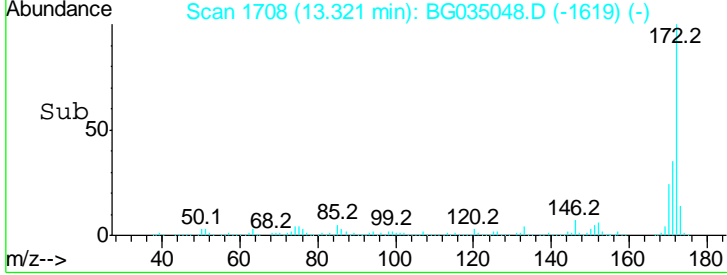
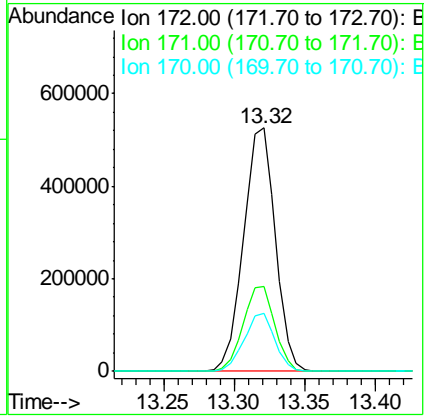
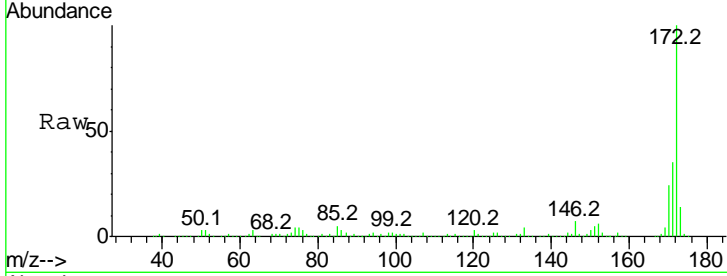




#44  
 2-Fluorobiphenyl  
 Concen: 73.578 ng  
 RT: 13.32 min Scan# 1708  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

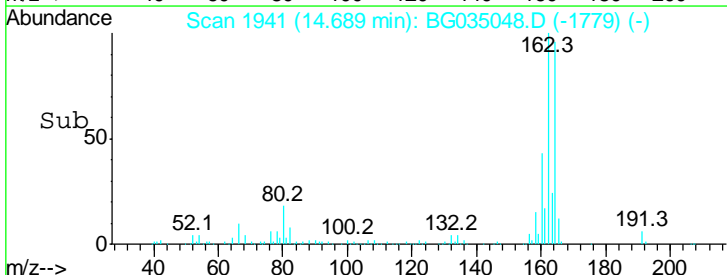
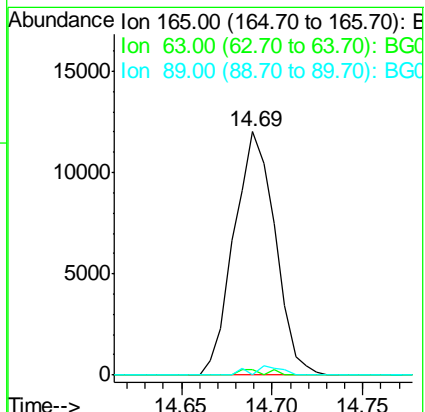
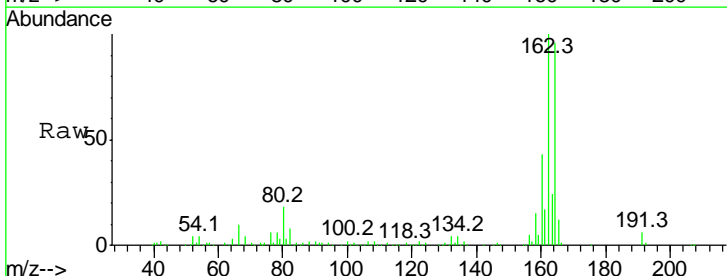
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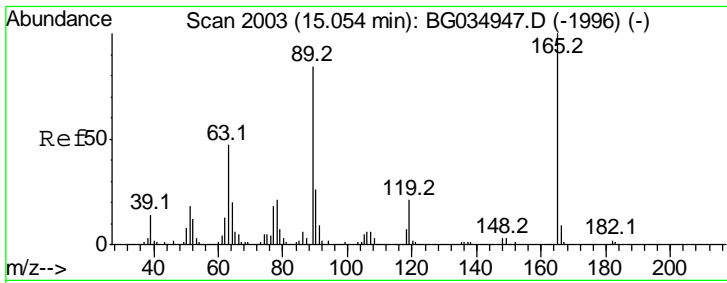
Tgt Ion	Resp	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	24.0	19.5	29.3



#50  
 2,6-Dinitrotoluene  
 Concen: 8.111 ng  
 RT: 14.69 min Scan# 1941  
 Delta R.T. 0.42 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

Tgt Ion	Resp	Lower	Upper
165	100		
63	2.2	52.7	79.1#
89	0.0	49.2	73.8#

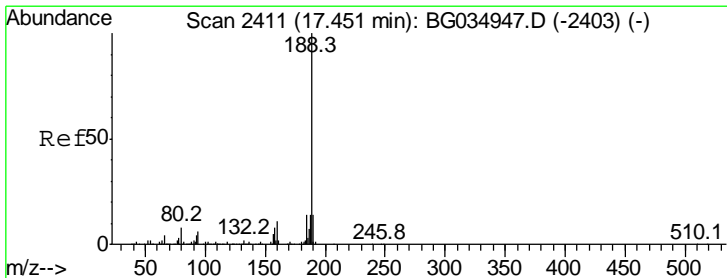
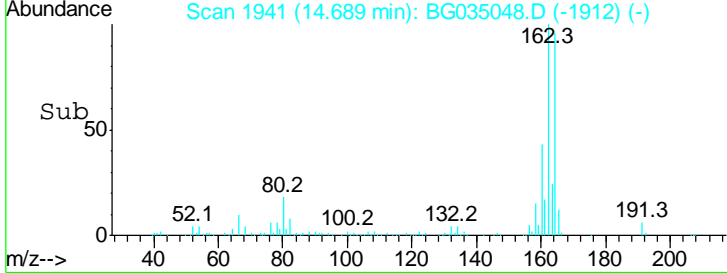
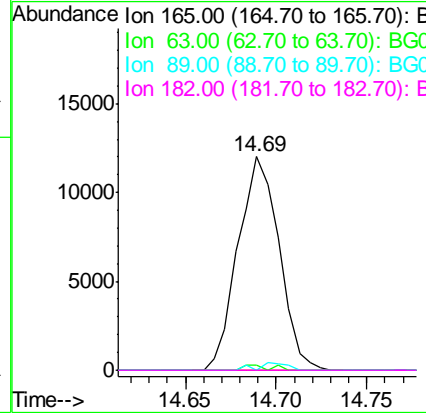
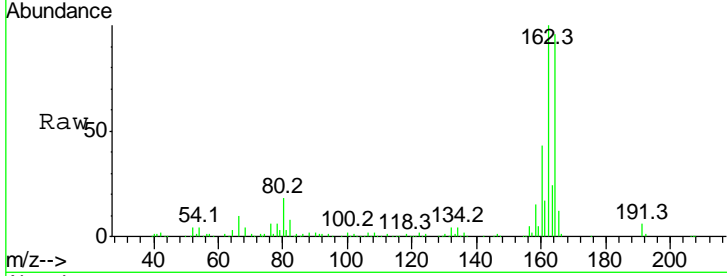




#56  
 2,4-Dinitrotoluene  
 Concen: 6.106 ng  
 RT: 14.69 min Scan# 1941  
 Delta R.T. -0.36 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

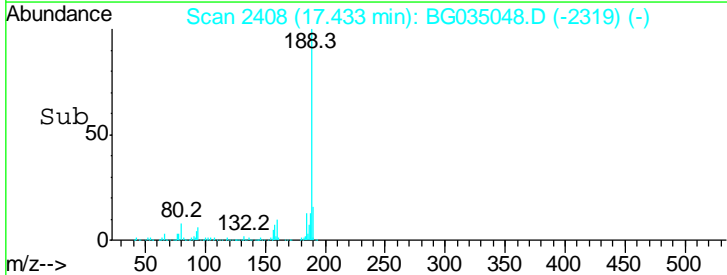
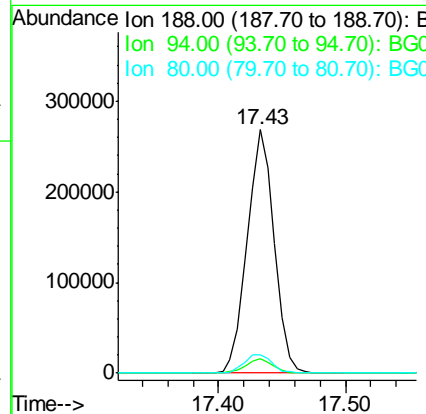
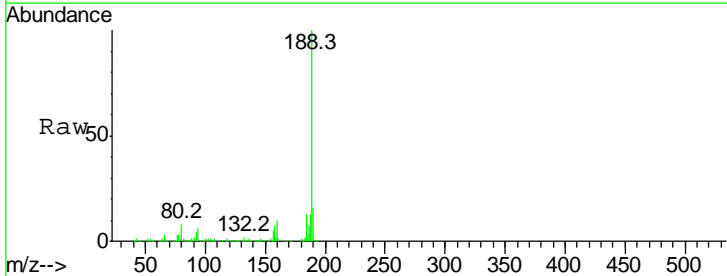
Instrument :  
 BNA\_M  
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

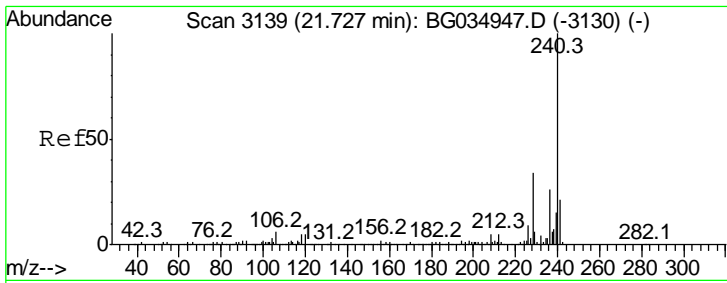


#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.43 min Scan# 2408  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.5	7.7	11.5#



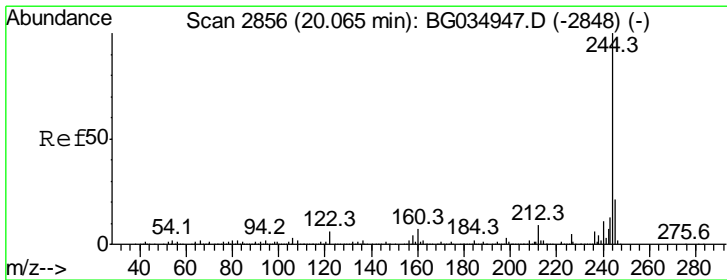
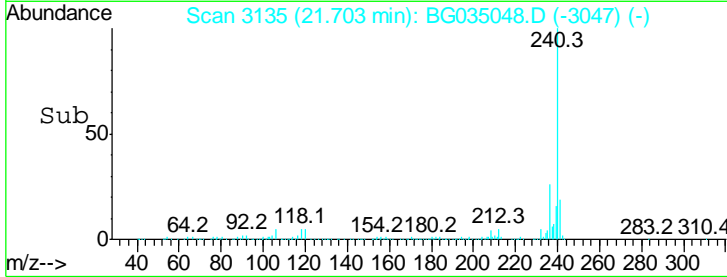
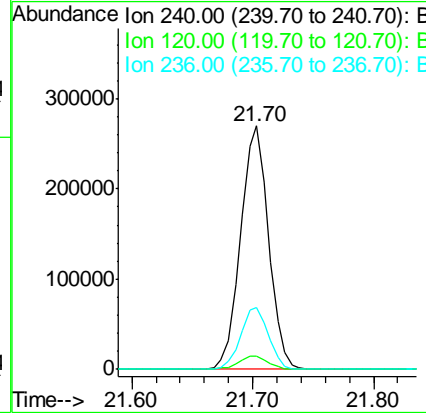
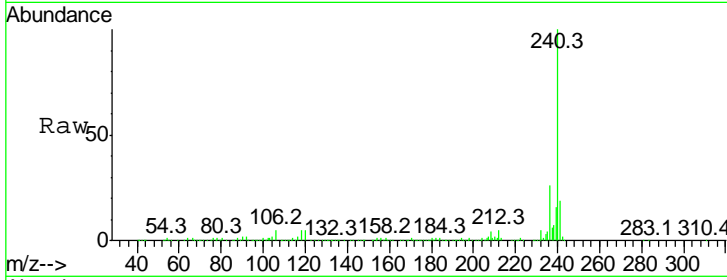




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.70 min Scan# 3135  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

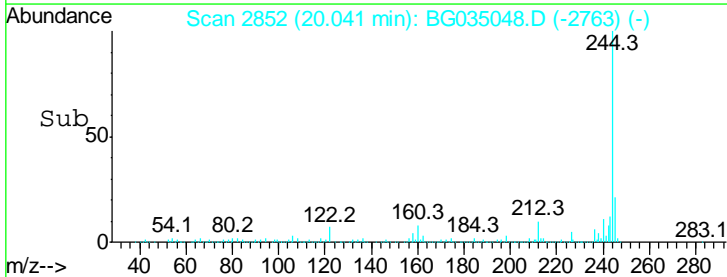
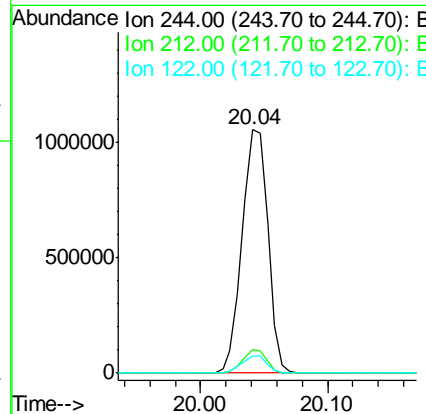
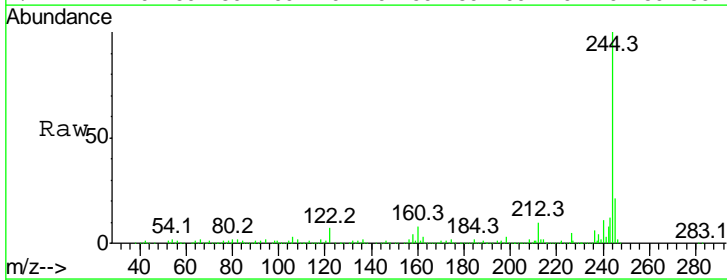
Instrument :  
 BNA\_M  
 ClientSampled :

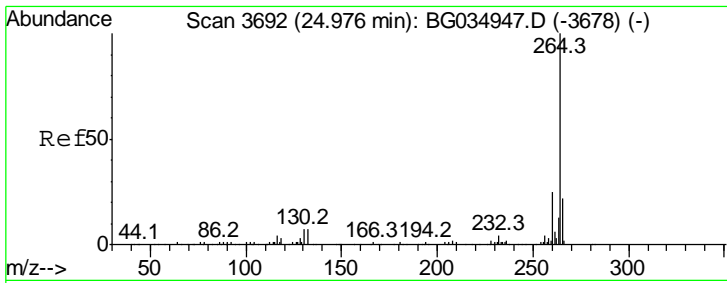
Tgt Ion	Resp	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.5	20.9	31.3



#78  
 Terphenyl-d14  
 Concen: 71.408 ng  
 RT: 20.04 min Scan# 2852  
 Delta R.T. -0.01 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

Tgt Ion	Resp	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	6.9	7.0	10.4#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.93 min Scan# 3685  
 Delta R.T. -0.02 min  
 Lab File: BG035048.D  
 Acq: 12 Jun 2018 1:59

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion: 264 Resp: 424834

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	21.4	17.7	26.5

