

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG081018\  
 Data File : BG036282.D  
 Acq On : 11 Aug 2018 00:38  
 Operator : JU/SJ  
 Sample : J4282-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-02-080918-B

Quant Time: Aug 11 04:37:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

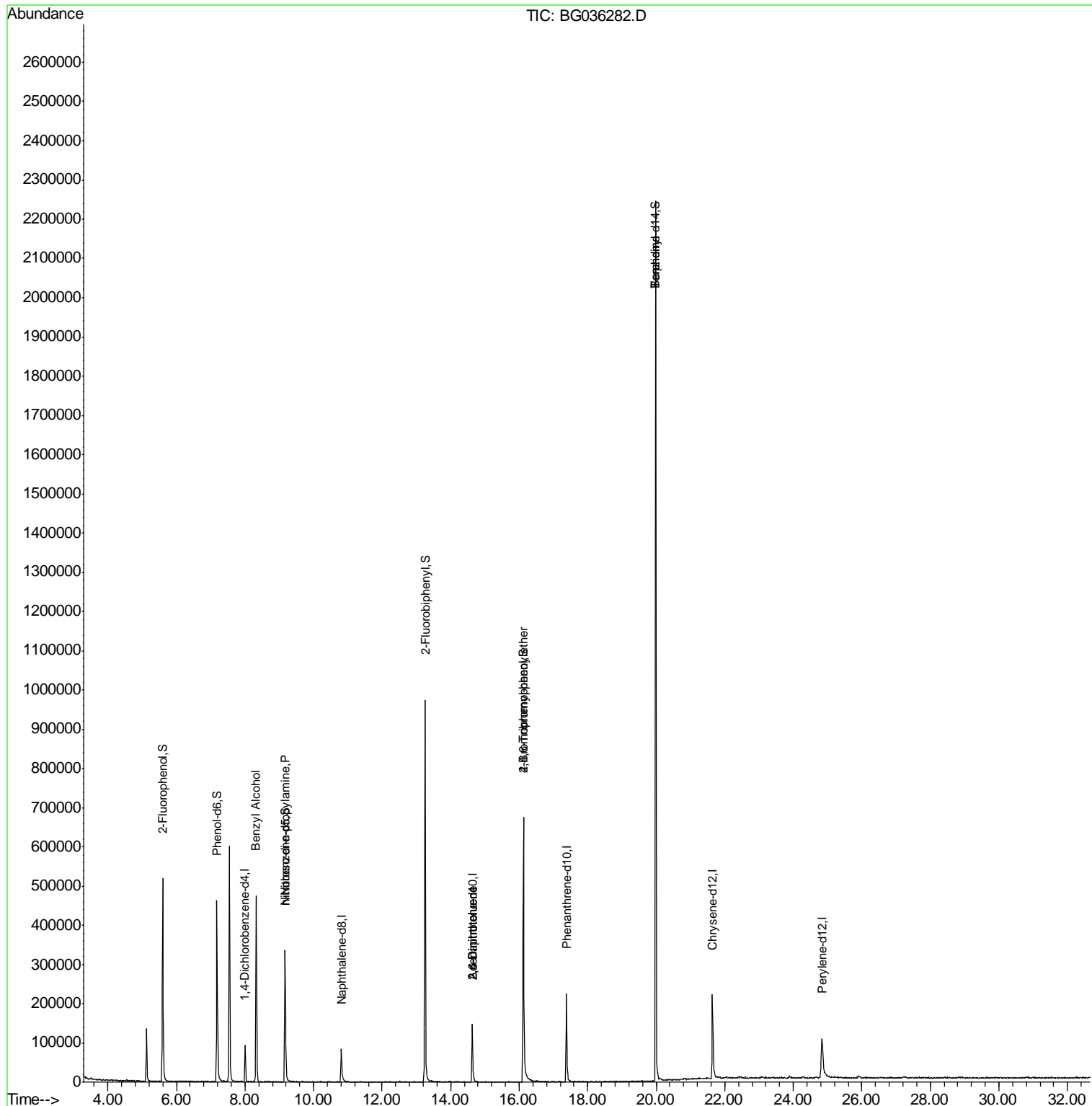
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26186	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	86787	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	64699	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	178816	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	192019	20.00	ng	-0.01
86) Perylene-d12	24.84	264	171168	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	232087	147.15	ng	0.00
7) Phenol-d6	7.18	99	296920	126.18	ng	-0.01
23) Nitrobenzene-d5	9.17	82	251949	121.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	152696	179.06	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	569065	117.84	ng	-0.02
78) Terphenyl-d14	19.98	244	1134352	130.22	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.33	79	4529	2.119	ng	# 50
19) n-Nitroso-di-n-propylamine	9.17	70	35678	18.004	ng	# 65
50) 2,6-Dinitrotoluene	14.63	165	8672	7.513	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	8671	5.236	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	11545	5.565	ng	# 1
76) Benzidine	19.99	184	20334	4.028	ng	# 95

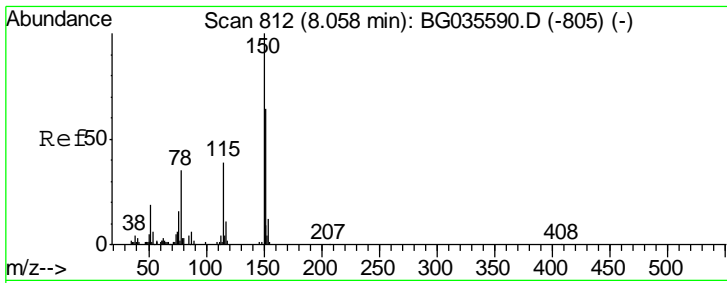
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 31 12:30:06 2018  
 Response via : Initial Calibration

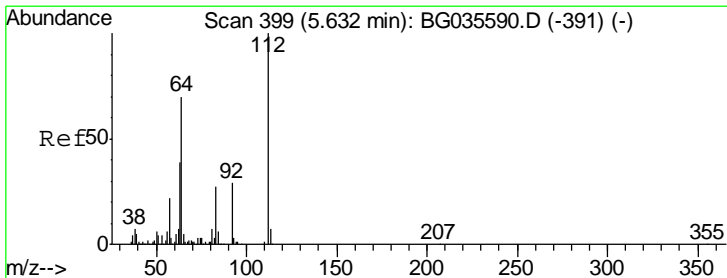
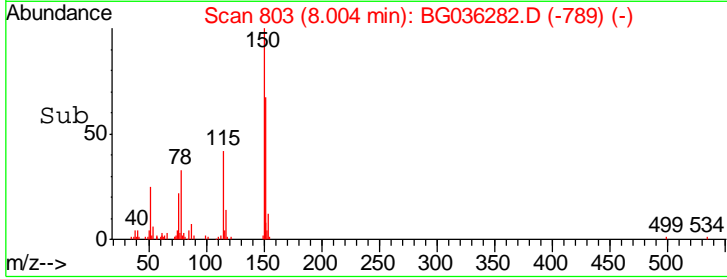
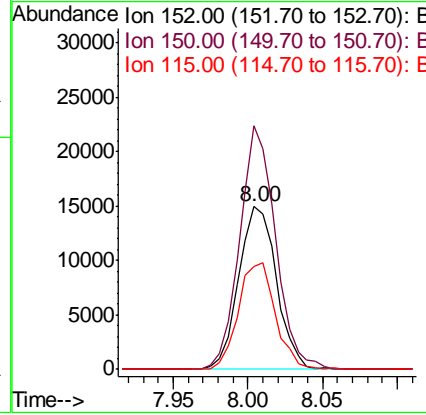
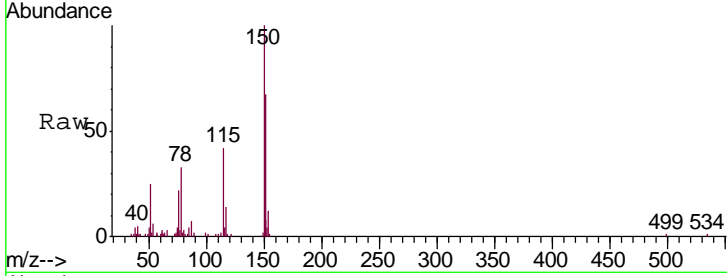




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.00 min Scan# 803  
 Delta R.T. -0.02 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

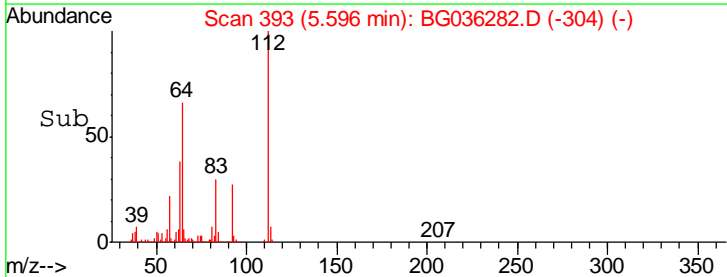
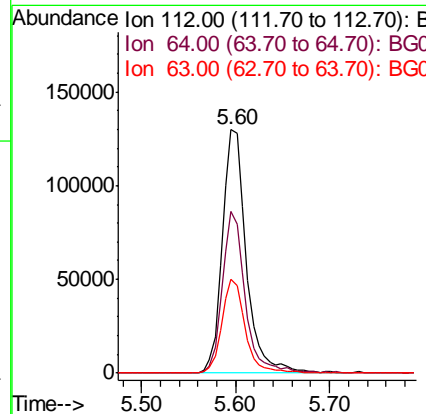
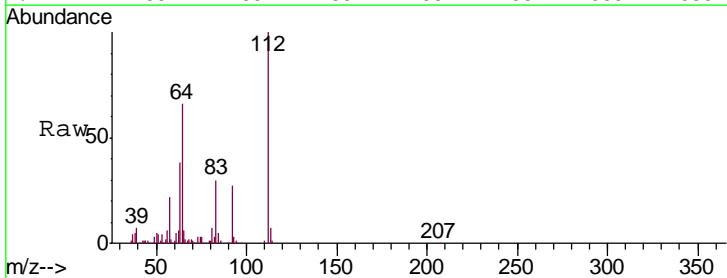
**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 SU-02-080918-B

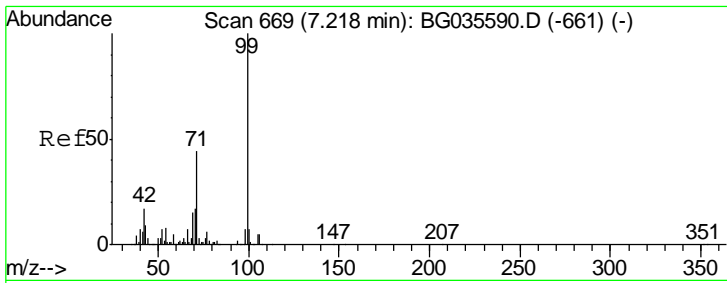
Tgt Ion	Resp	Lower	Upper
152	26186		
152	100		
150	149.8	126.6	189.8
115	63.1	53.0	79.4



#5  
 2-Fluorophenol  
 Concen: 147.147 ng  
 RT: 5.60 min Scan# 393  
 Delta R.T. -0.01 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Tgt Ion	Resp	Lower	Upper
112	232087		
112	100		
64	66.3	56.3	84.5
63	38.3	30.1	45.1

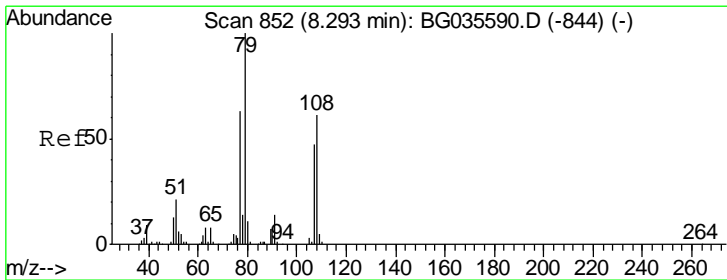
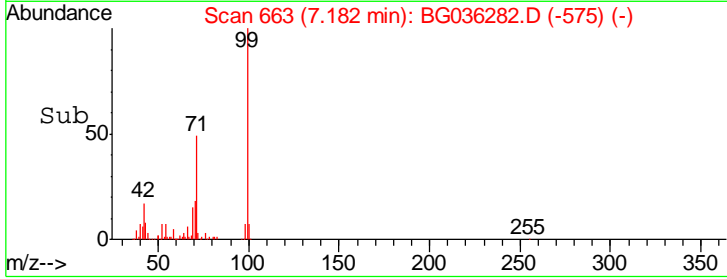
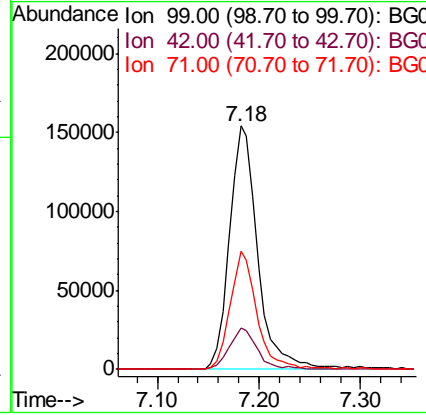
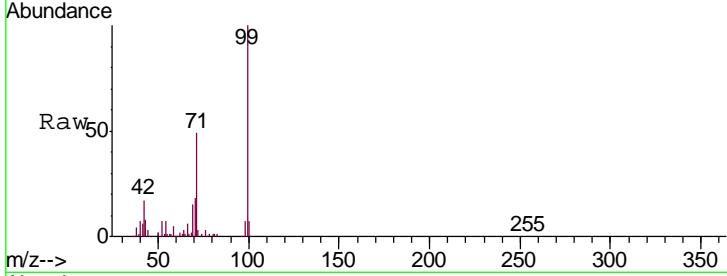




#7  
 Phenol-d6  
 Concen: 126.175 ng  
 RT: 7.18 min Scan# 663  
 Delta R.T. -0.01 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

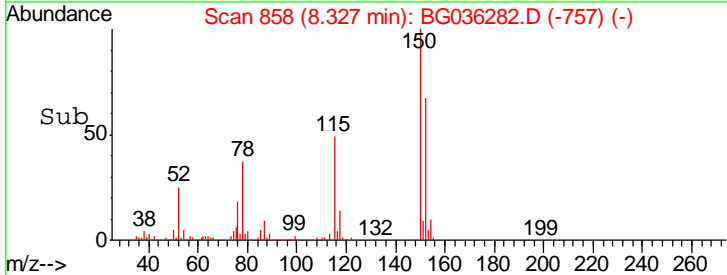
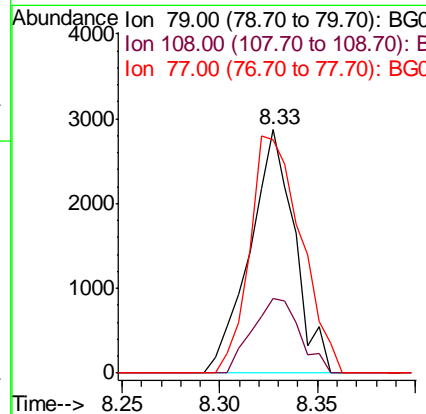
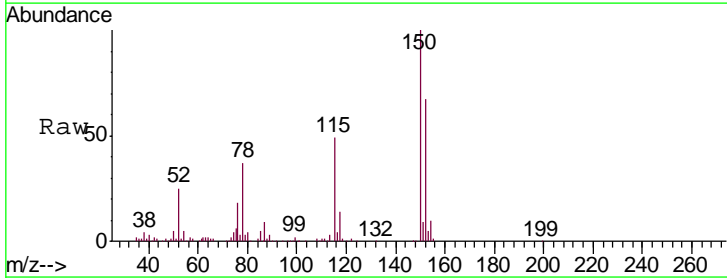
Instrument :  
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 ClientSampled :  
 SU-02-080918-B

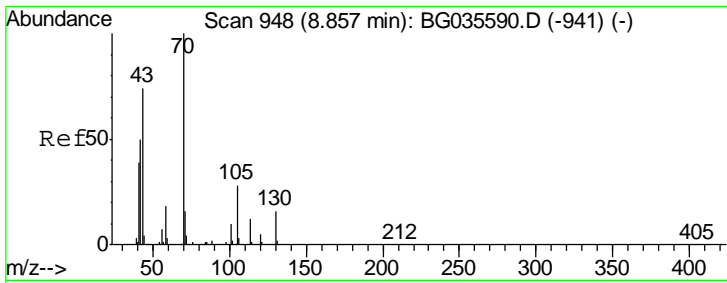
Tgt Ion	Resp	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	48.8	26.1	39.1#



#15  
 Benzyl Alcohol  
 Concen: 2.119 ng  
 RT: 8.33 min Scan# 858  
 Delta R.T. 0.06 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Tgt Ion	Resp	Lower	Upper
79	100		
108	30.7	57.2	85.8#
77	96.0	46.1	69.1#

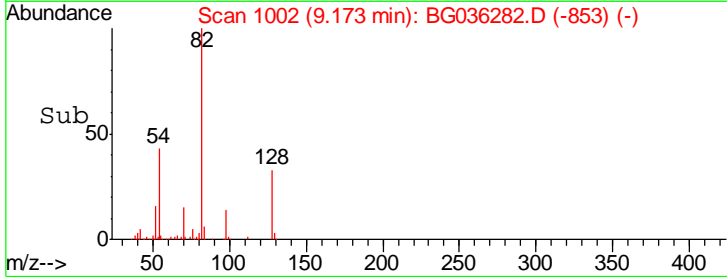
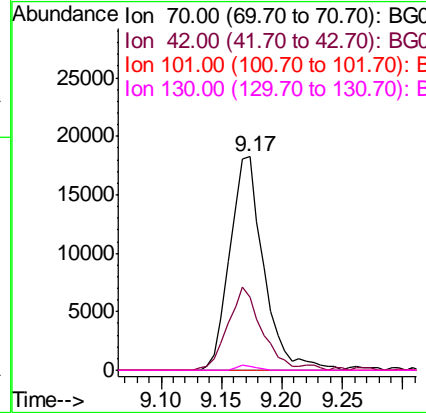
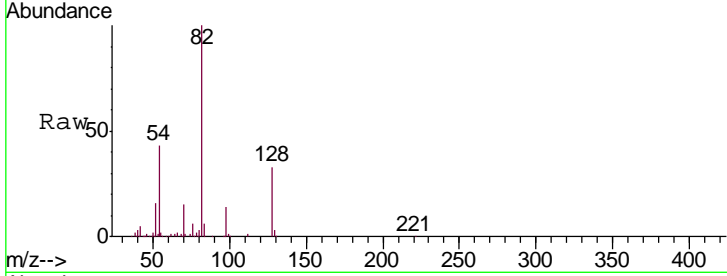




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 18.004 ng  
 RT: 9.17 min Scan# 1002  
 Delta R.T. 0.34 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

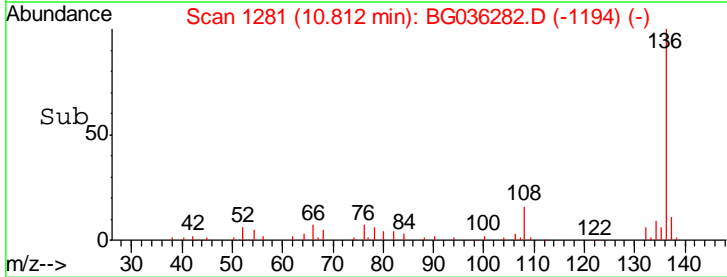
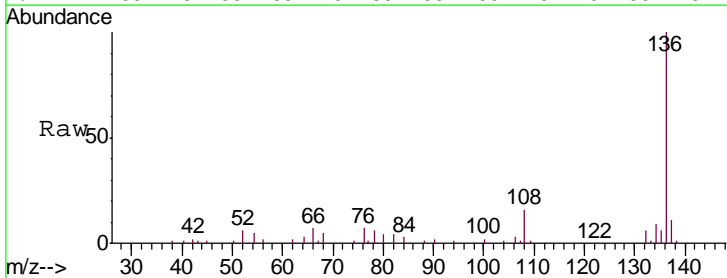
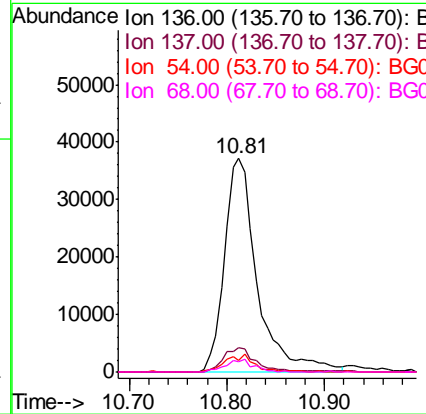
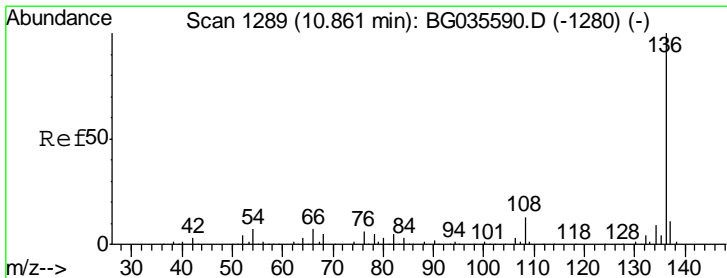
Instrument :  
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 ClientSampleId :  
 SU-02-080918-B

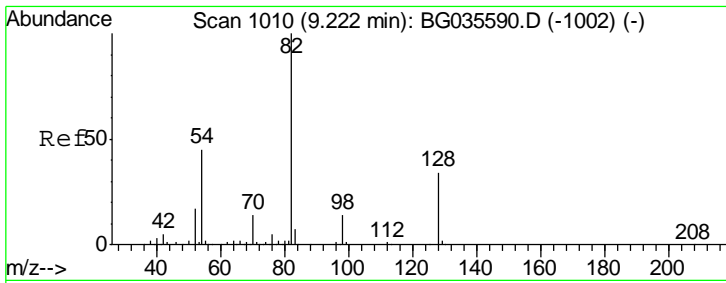
Tgt Ion	Resp	Lower	Upper
70	100		
42	34.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.81 min Scan# 1281  
 Delta R.T. -0.02 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.4	10.3	15.5#
68	5.0	4.5	6.7

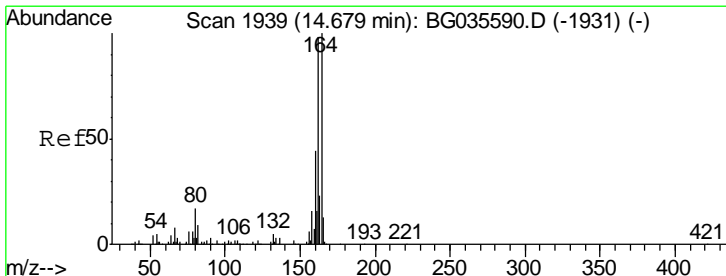
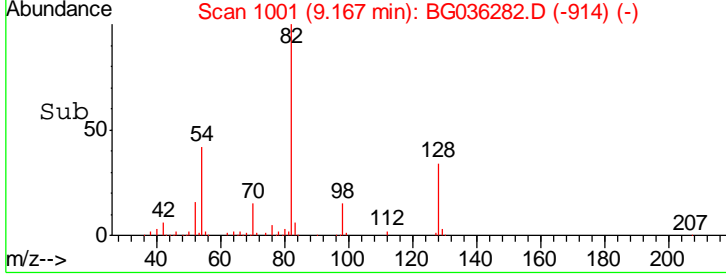
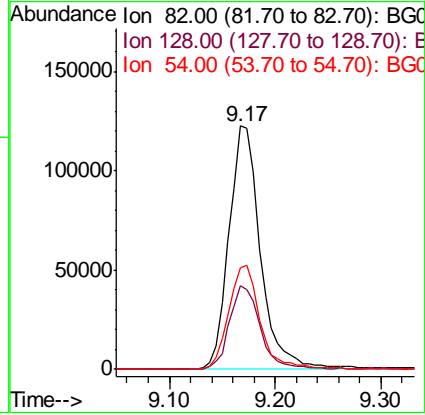
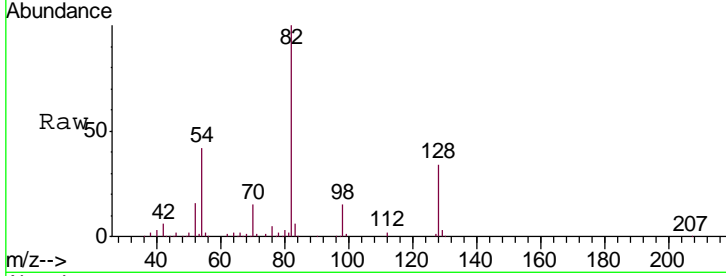




#23  
 Nitrobenzene-d5  
 Concen: 121.275 ng  
 RT: 9.17 min Scan# 1001  
 Delta R.T. -0.02 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

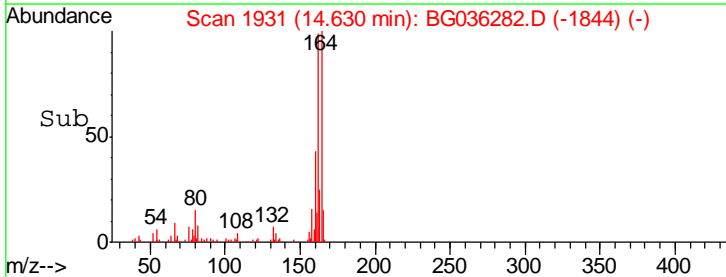
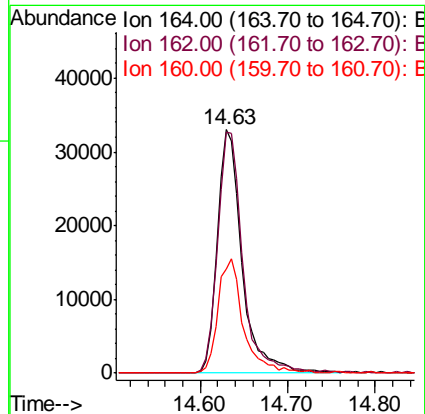
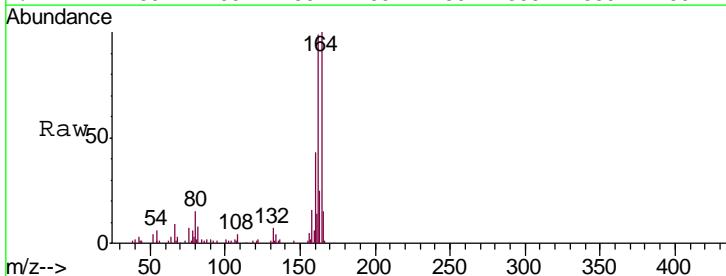
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 SU-02-080918-B

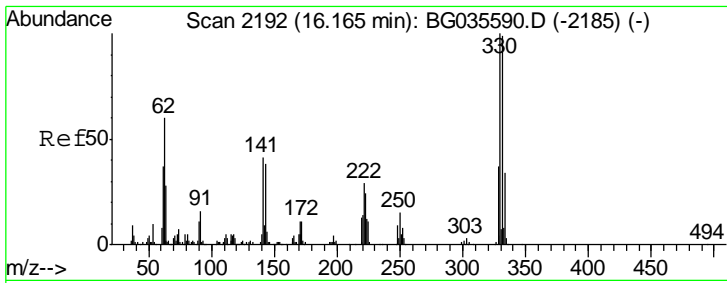
Tgt Ion	Resp	Lower	Upper
82	251949		
128	34.3	29.7	44.5
54	41.5	43.1	64.7#



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.63 min Scan# 1931  
 Delta R.T. -0.02 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Tgt Ion	Resp	Lower	Upper
164	64699		
162	99.0	78.8	118.2
160	42.7	35.4	53.0



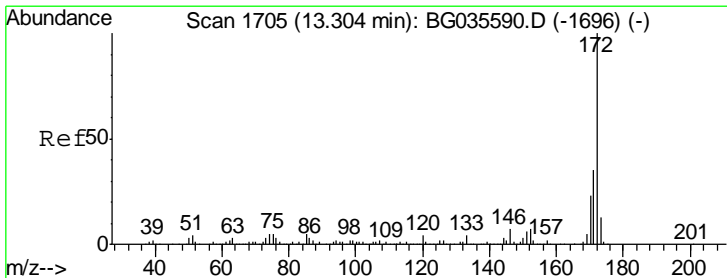
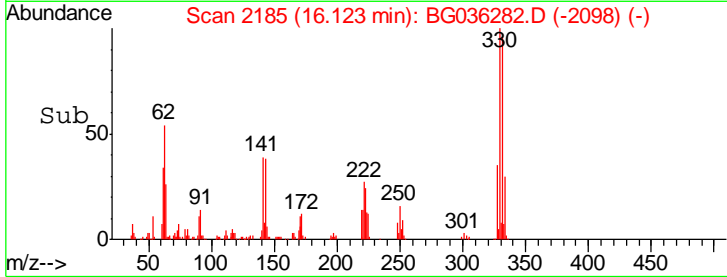
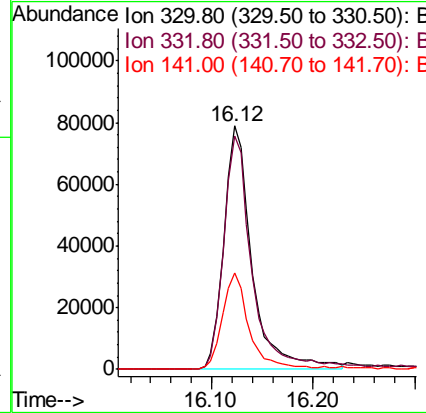
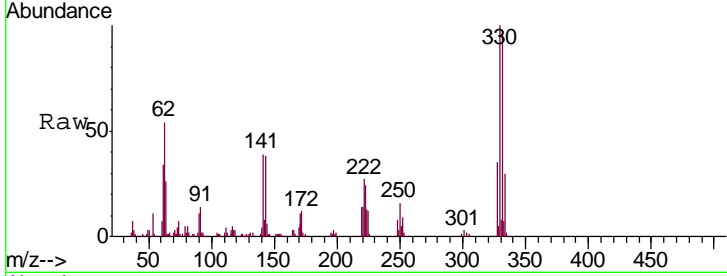


#41  
 2,4,6-Tribromophenol  
 Concen: 179.058 ng  
 RT: 16.12 min Scan# 2185  
 Delta R.T. -0.02 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-02-080918-B

Tgt Ion: 330 Resp: 152696

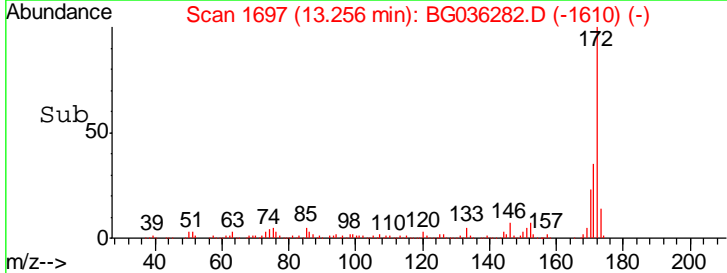
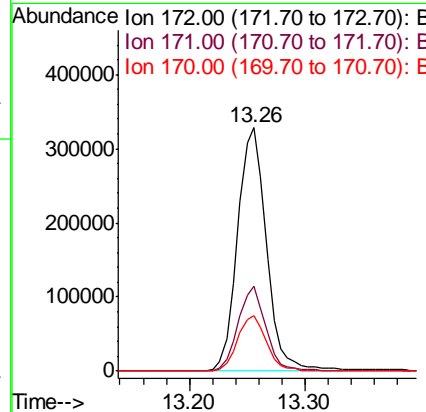
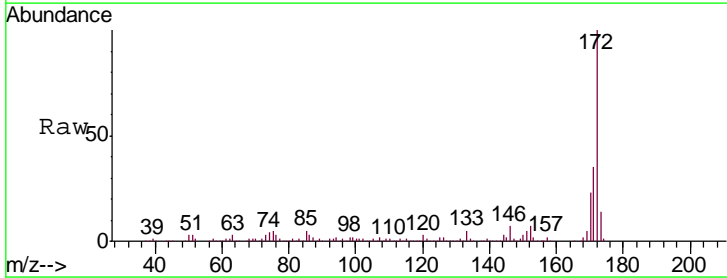
Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.7	25.2	37.8

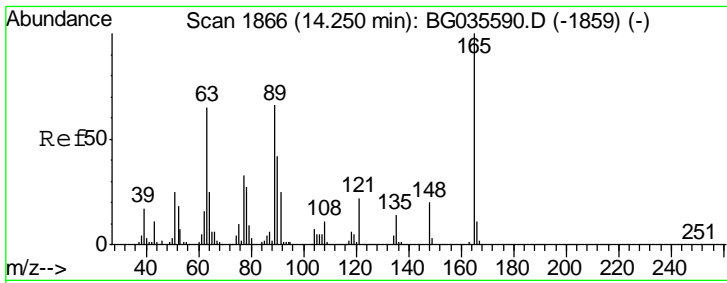


#44  
 2-Fluorobiphenyl  
 Concen: 117.838 ng  
 RT: 13.26 min Scan# 1697  
 Delta R.T. -0.02 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Tgt Ion: 172 Resp: 569065

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.8	19.5	29.3

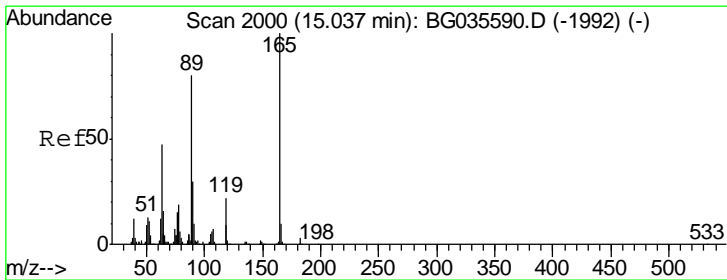
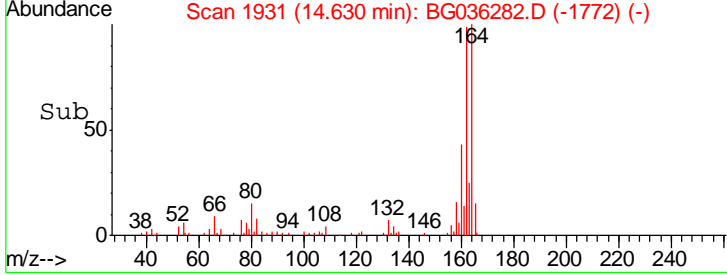
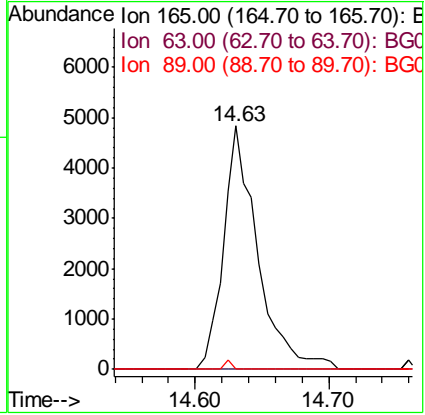
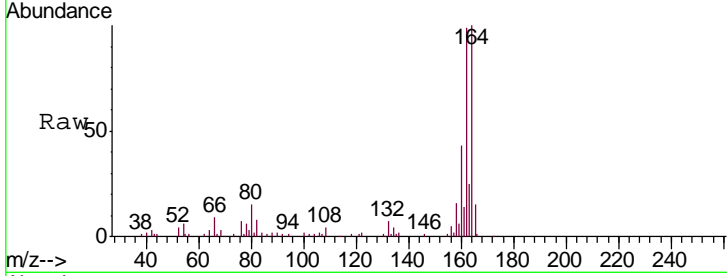




#50  
 2,6-Dinitrotoluene  
 Concen: 7.513 ng  
 RT: 14.63 min Scan# 1931  
 Delta R.T. 0.40 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

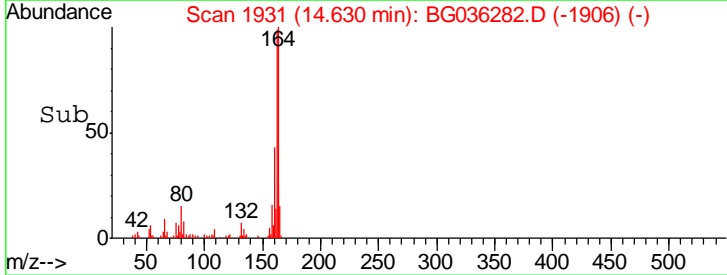
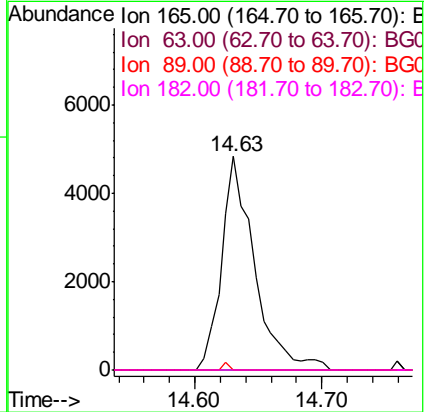
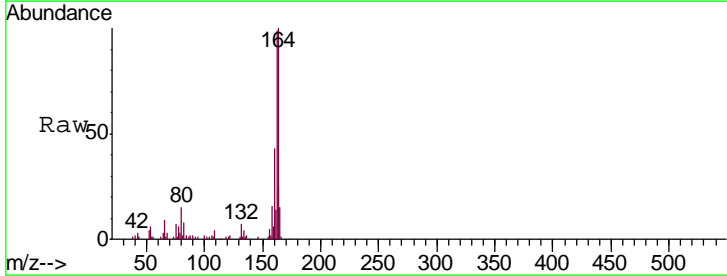
Instrument :  
 BNA\_G  
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 SU-02-080918-B

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

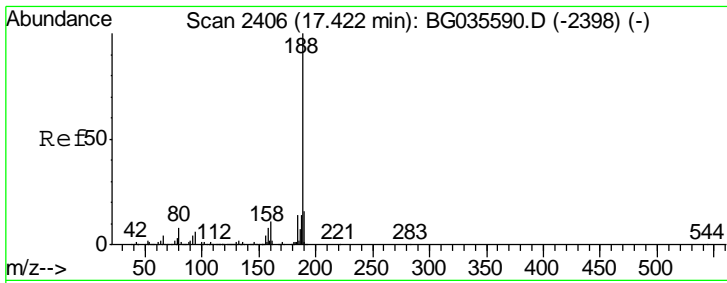


#56  
 2,4-Dinitrotoluene  
 Concen: 5.236 ng  
 RT: 14.63 min Scan# 1931  
 Delta R.T. -0.38 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

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



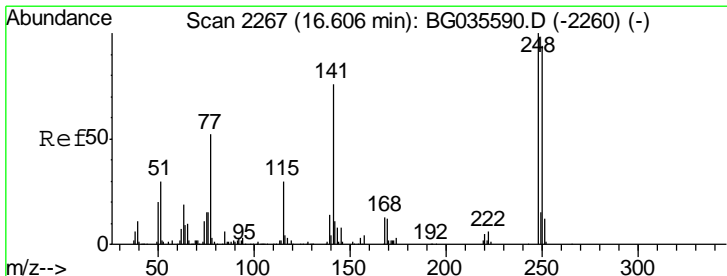
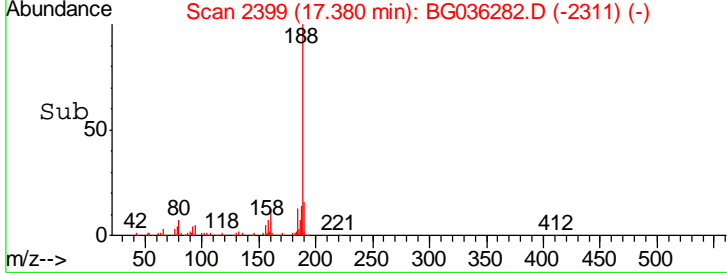
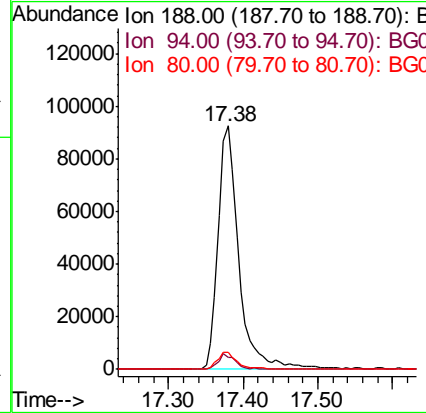
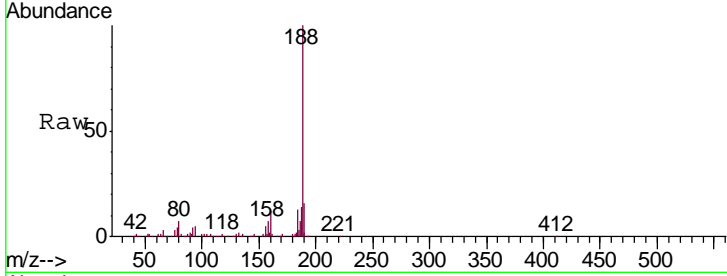




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.38 min Scan# 2399  
 Delta R.T. -0.01 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

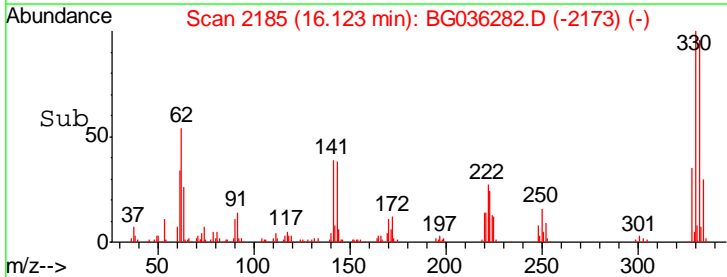
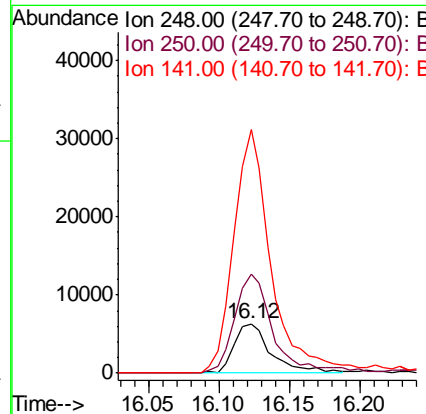
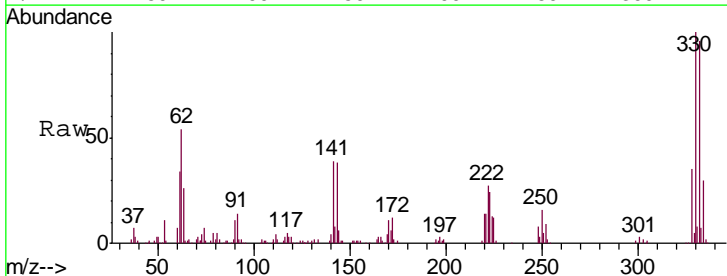
Instrument :  
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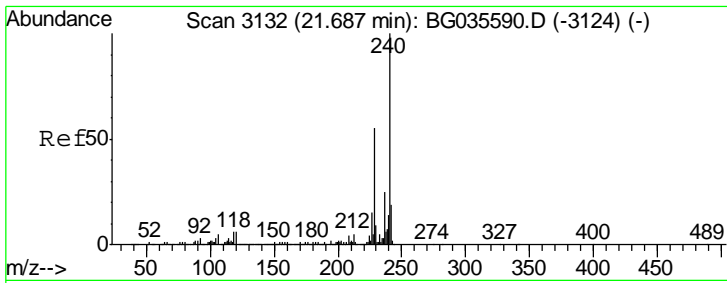
Tgt Ion	Resp	Lower	Upper
188	178816		
94	4.8	6.9	10.3#
80	6.9	7.7	11.5#



#66  
 4-Bromophenyl-phenylether  
 Concen: 5.565 ng  
 RT: 16.12 min Scan# 2185  
 Delta R.T. -0.46 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Tgt Ion	Resp	Lower	Upper
248	11545		
250	200.0	77.1	115.7#
141	491.9	50.8	76.2#

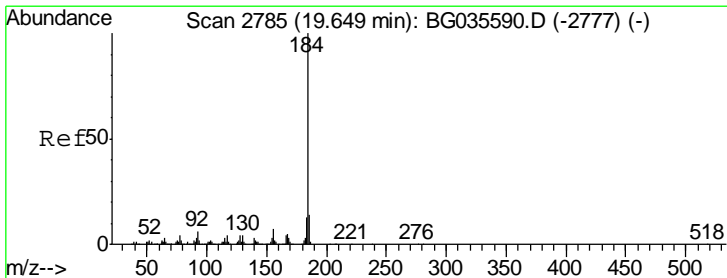
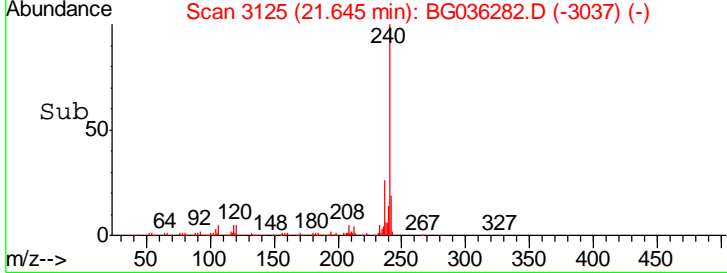
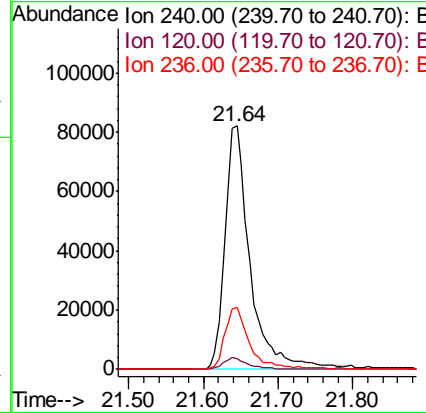
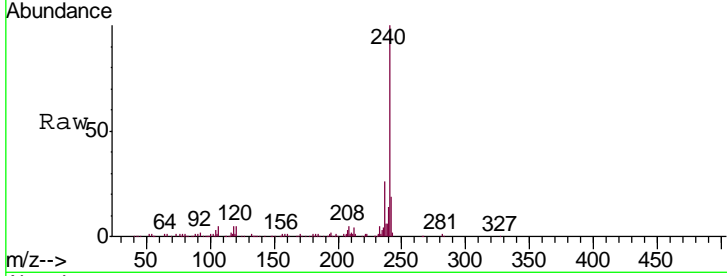




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.64 min Scan# 3125  
 Delta R.T. -0.01 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

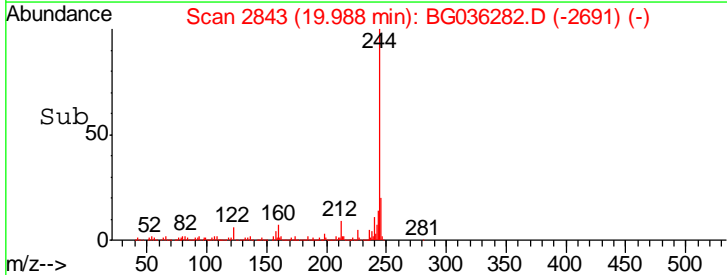
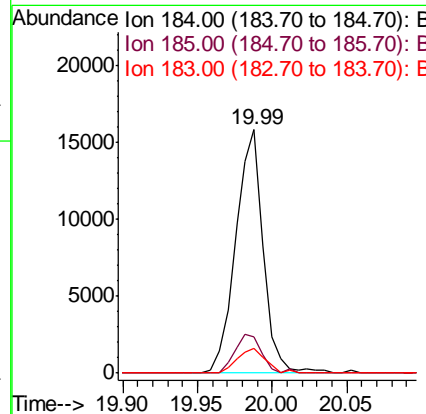
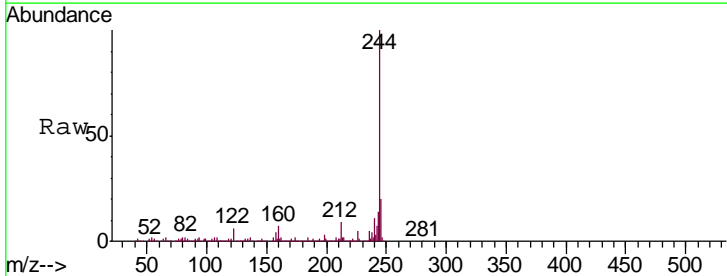
Instrument :  
 BNA\_G  
 ClientSampled :  
 SU-02-080918-B

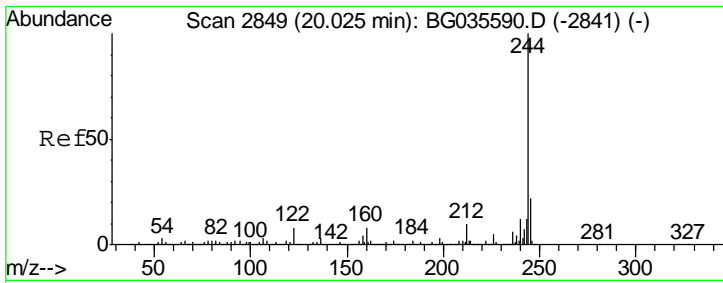
Tgt Ion	Resp	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	25.6	20.9	31.3



#76  
 Benzidine  
 Concen: 4.028 ng  
 RT: 19.99 min Scan# 2843  
 Delta R.T. 0.36 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Tgt Ion	Resp	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	9.9	10.6	16.0#



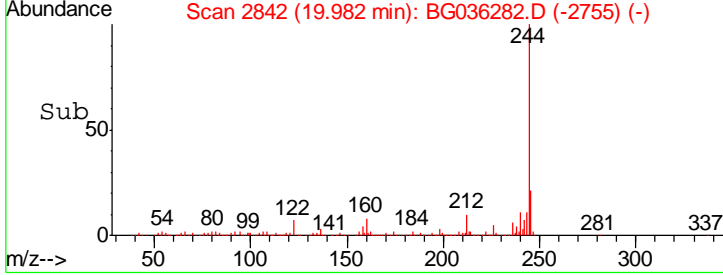
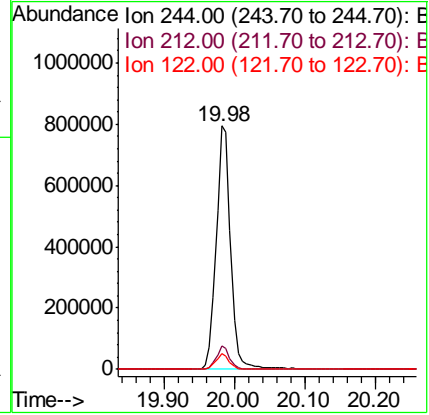
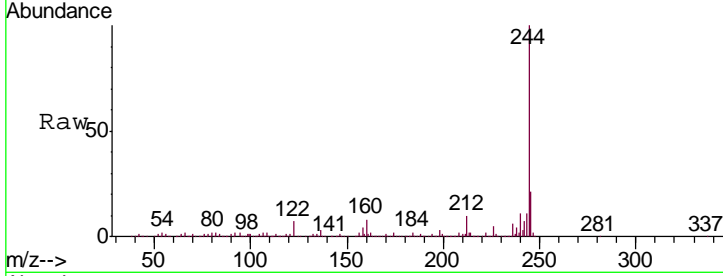


#78  
 Terphenyl-d14  
 Concen: 130.219 ng  
 RT: 19.98 min Scan# 2842  
 Delta R.T. -0.02 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-02-080918-B

Tgt Ion:244 Resp: 1134352

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	6.5	7.0	10.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.84 min Scan# 3669  
 Delta R.T. -0.02 min  
 Lab File: BG036282.D  
 Acq: 11 Aug 2018 00:38

Tgt Ion:264 Resp: 171168

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	20.9	17.7	26.5

