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 Data File : BG031469.D  
 Acq On : 12 Dec 2017 00:42  
 Operator : SJ/JU  
 Sample : I6762-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 120417-TIDO-F-D-B

Quant Time: Dec 12 04:57:48 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 11 17:25:55 2017  
 Response via : Initial Calibration

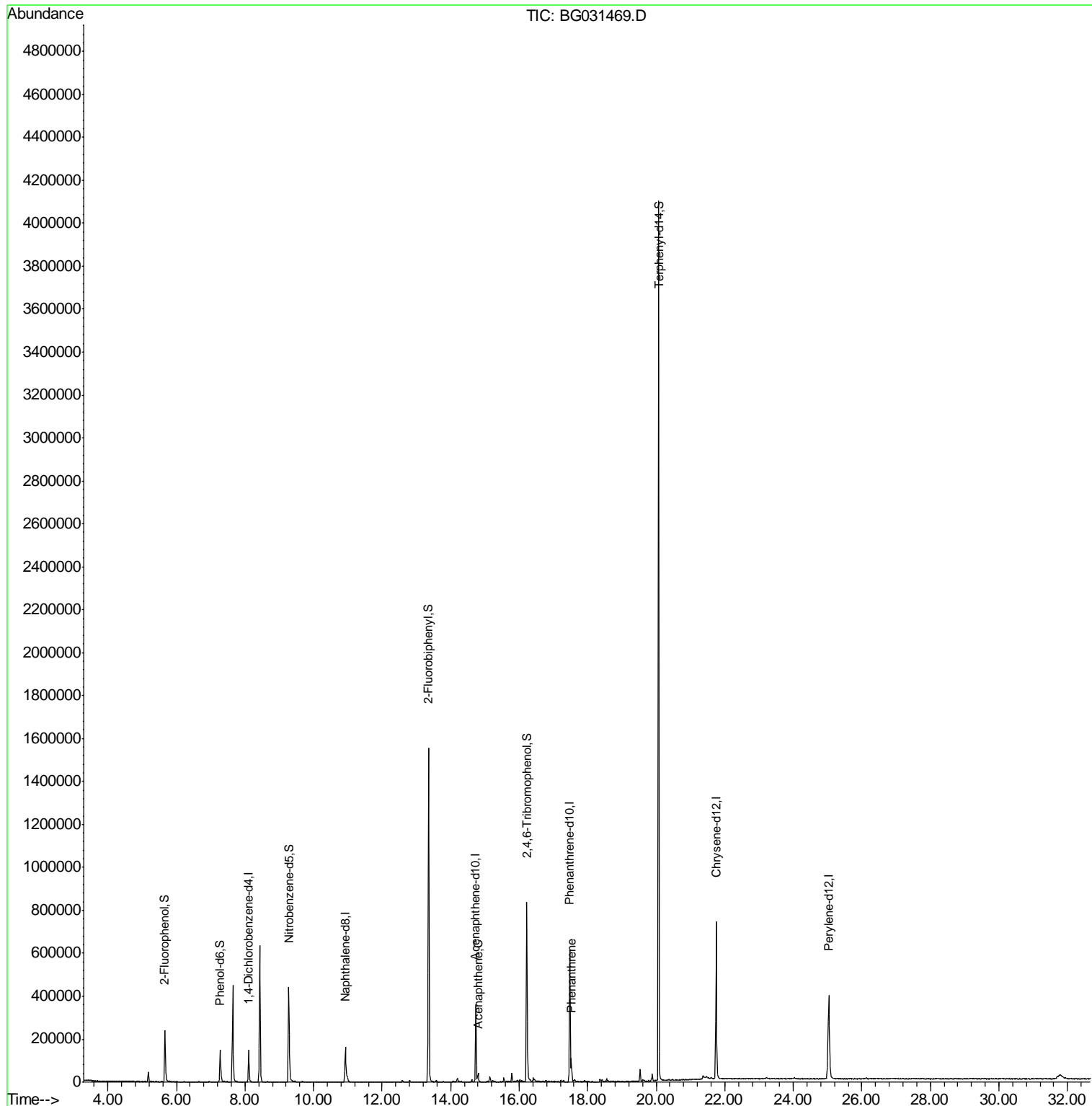
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48235	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	196071	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	138038	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	397494	20.00	ng	0.00
75) Chrysene-d12	21.75	240	491854	20.00	ng	0.00
86) Perylene-d12	25.03	264	463136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	133473	49.05	ng	0.00
7) Phenol-d6	7.27	99	112607	29.81	ng	0.00
23) Nitrobenzene-d5	9.27	82	318796	100.22	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	179358	110.91	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	931673	99.07	ng	0.00
78) Terphenyl-d14	20.07	244	1865375	86.29	ng	0.00
Target Compounds						
51) Acenaphthene	14.80	154	17812	2.110	ng	# 91
70) Phenanthrene	17.52	178	78556	3.784	ng	98

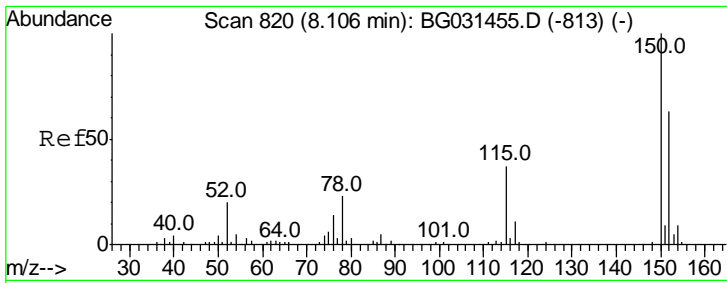
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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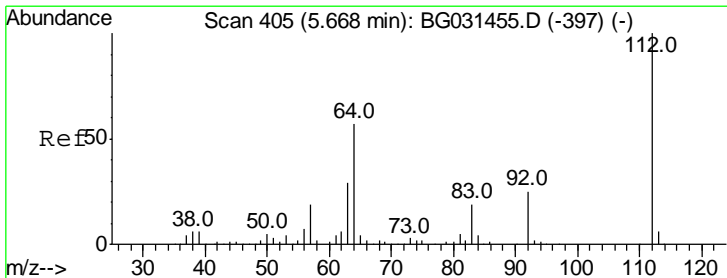
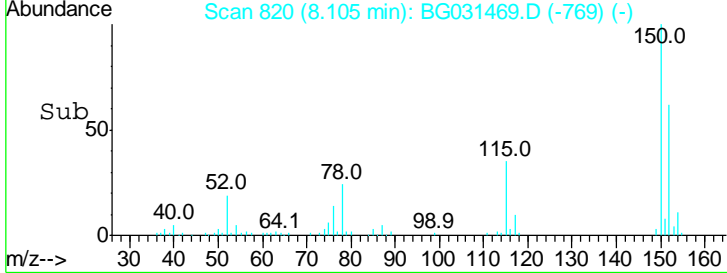
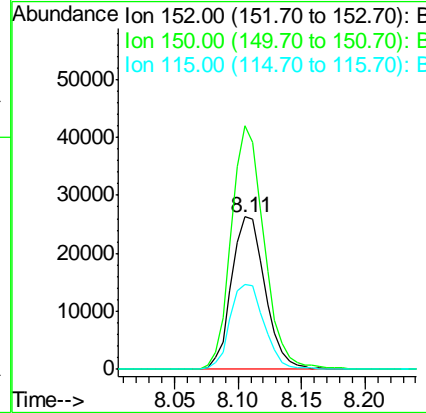
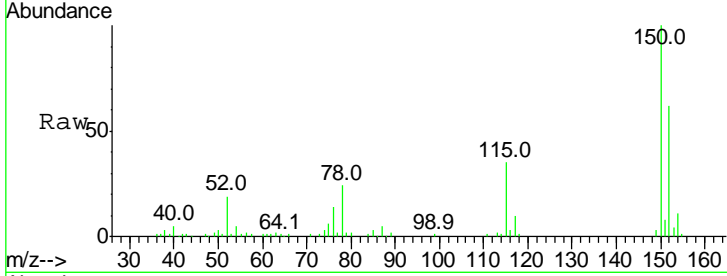




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.11 min Scan# 820  
 Delta R.T. -0.00 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

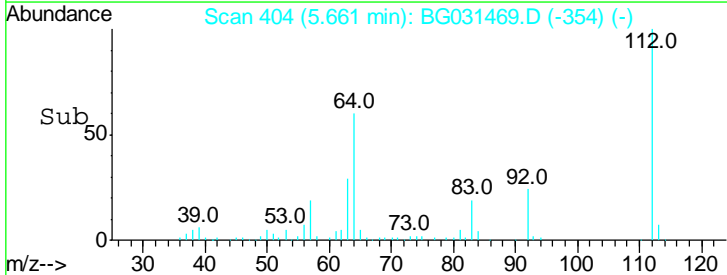
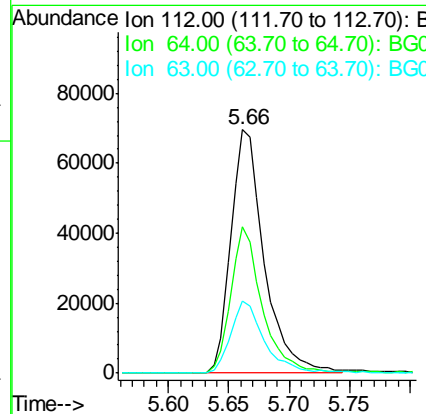
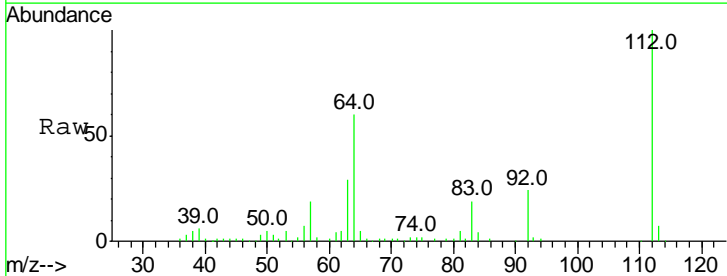
Instrument :  
 BNA\_G  
 ClientSampleId :  
 120417-TIDO-F-D-B

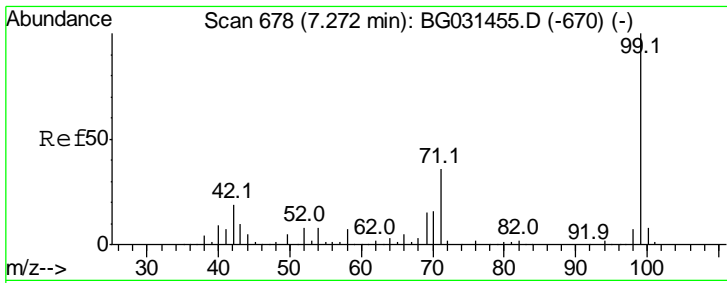
Tgt Ion	Resp	Lower	Upper
152	48235		
152	100		
150	160.0	126.6	189.8
115	55.9	53.0	79.4



#5  
 2-Fluorophenol  
 Concen: 49.048 ng  
 RT: 5.66 min Scan# 404  
 Delta R.T. -0.01 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

Tgt Ion	Resp	Lower	Upper
112	133473		
112	100		
64	60.1	56.3	84.5
63	29.4	30.1	45.1#

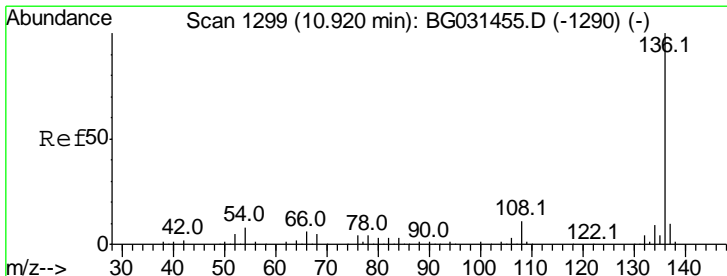
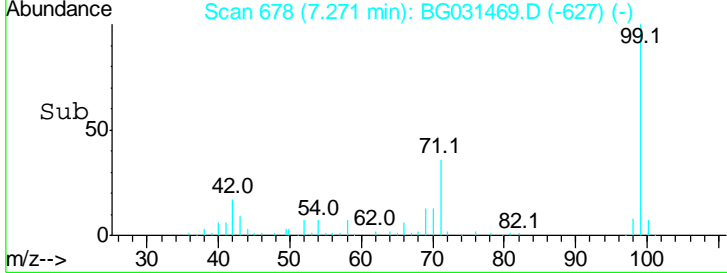
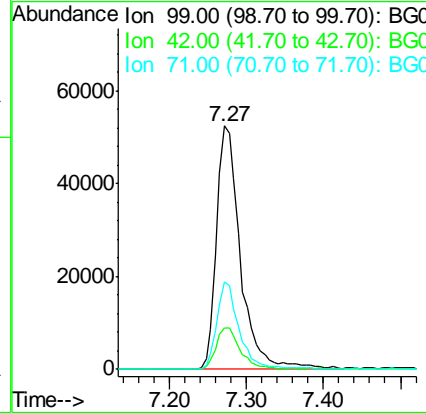
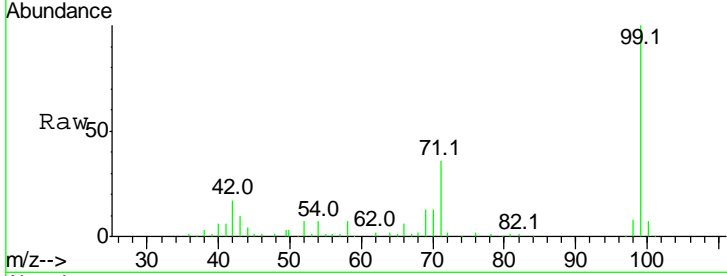




#7  
 Phenol-d6  
 Concen: 29.808 ng  
 RT: 7.27 min Scan# 678  
 Delta R.T. -0.00 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

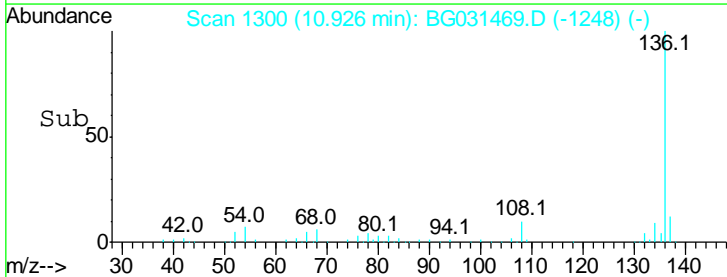
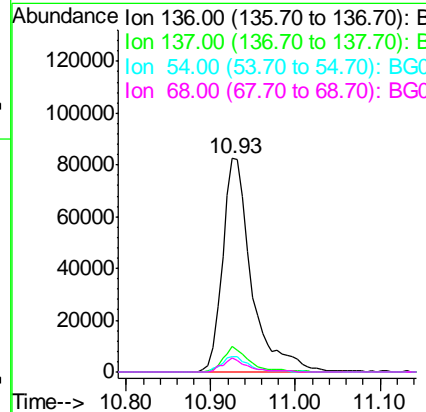
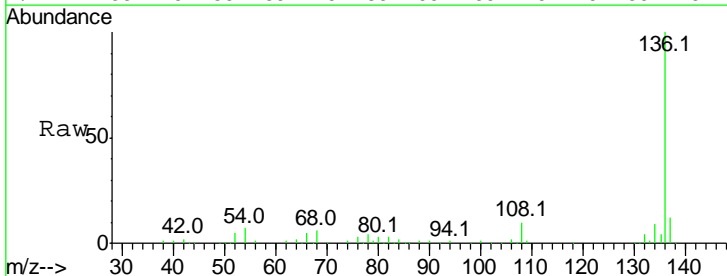
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 120417-TIDO-F-D-B

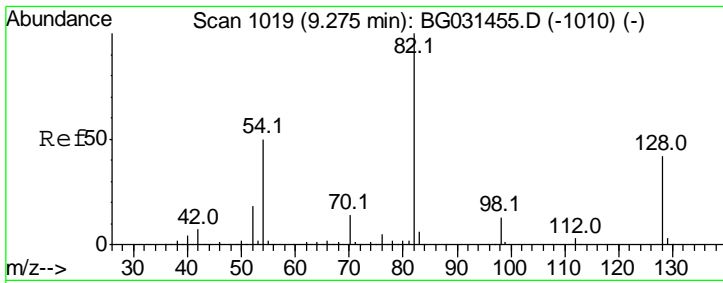
Tgt Ion	Resp	Lower	Upper
99	112607		
99	100		
42	17.2	14.1	21.1
71	36.0	26.1	39.1



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.93 min Scan# 1300  
 Delta R.T. 0.01 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

Tgt Ion	Resp	Lower	Upper
136	196071		
136	100		
137	11.9	9.2	13.8
54	7.3	10.3	15.5#
68	6.4	4.5	6.7

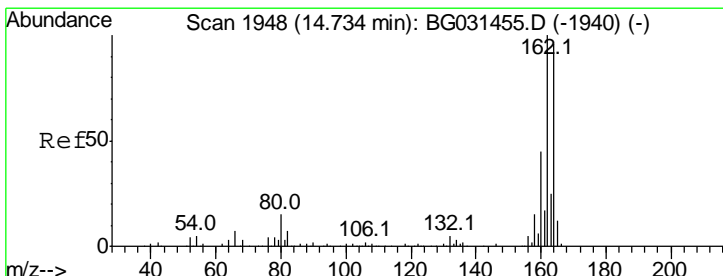
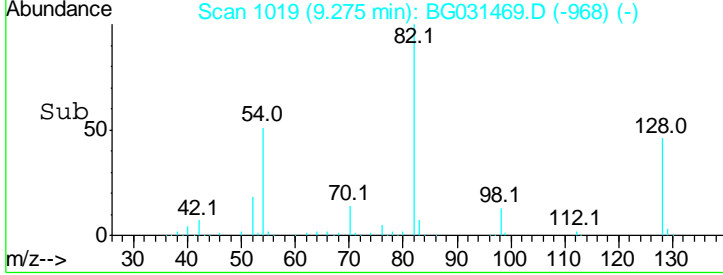
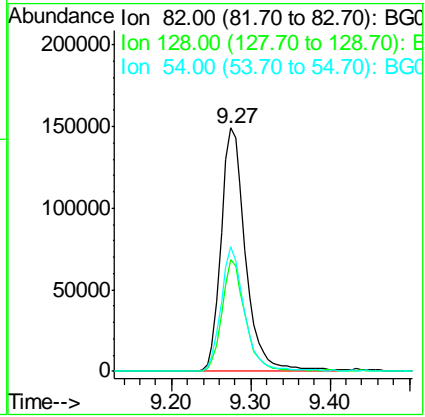
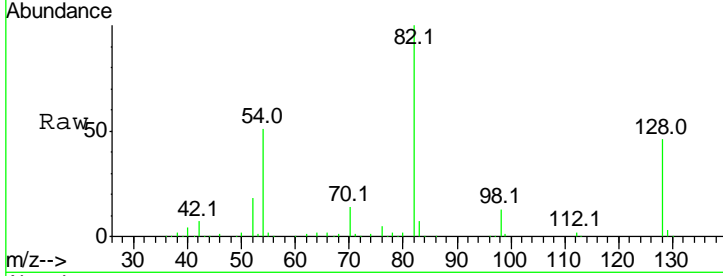




#23  
 Nitrobenzene-d5  
 Concen: 100.216 ng  
 RT: 9.27 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

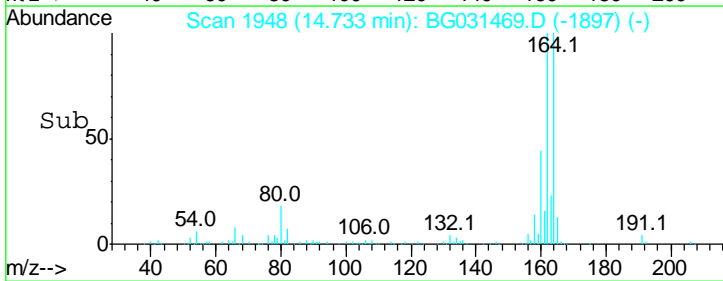
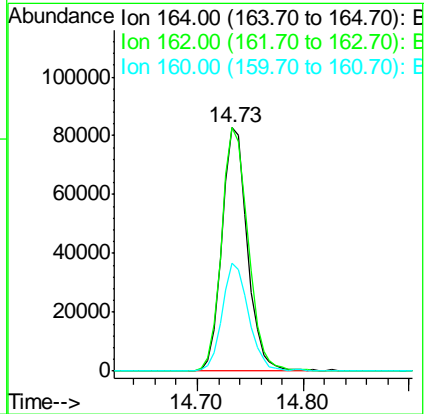
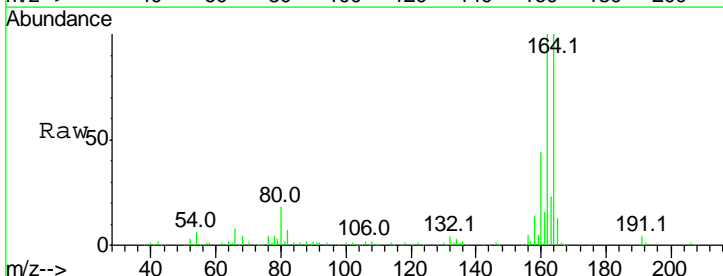
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 120417-TIDO-F-D-B

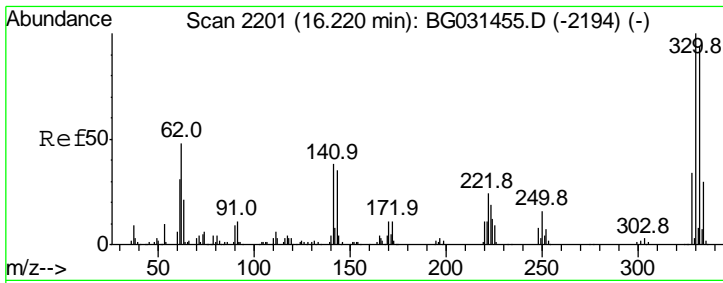
Tgt Ion	Resp	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	51.1	43.1	64.7



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.73 min Scan# 1948  
 Delta R.T. -0.00 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

Tgt Ion	Resp	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	44.3	35.4	53.0

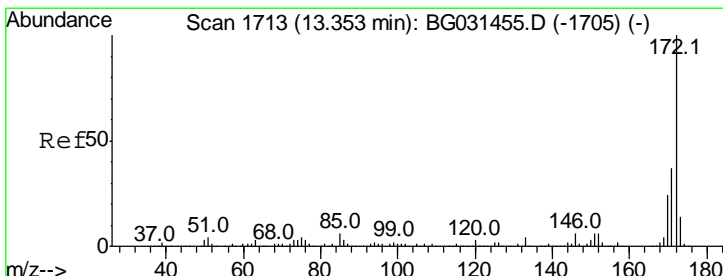
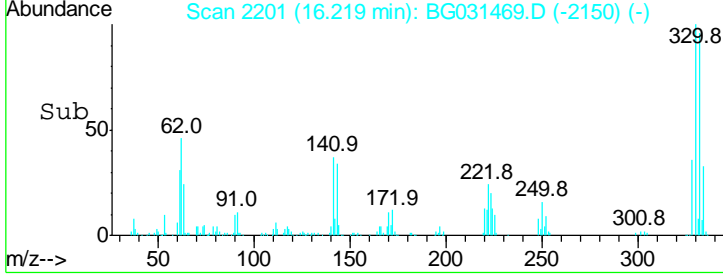
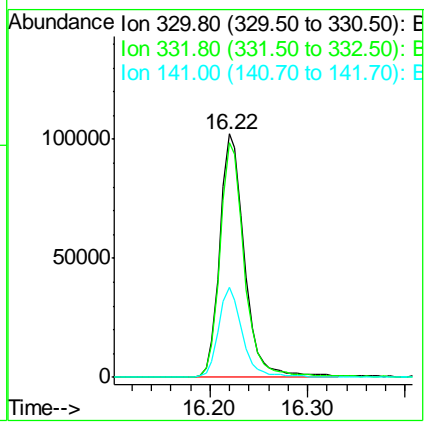
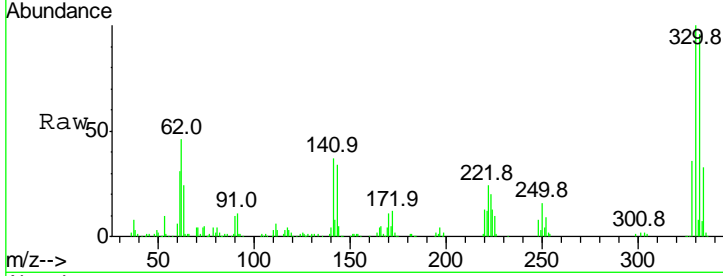




#41  
 2,4,6-Tribromophenol  
 Concen: 110.908 ng  
 RT: 16.22 min Scan# 2201  
 Delta R.T. -0.00 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

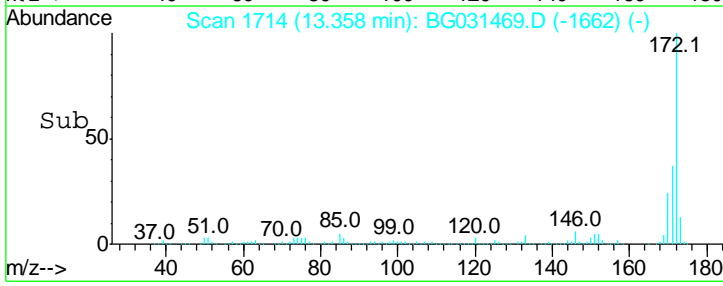
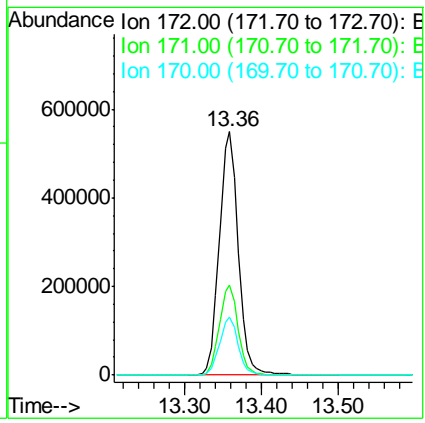
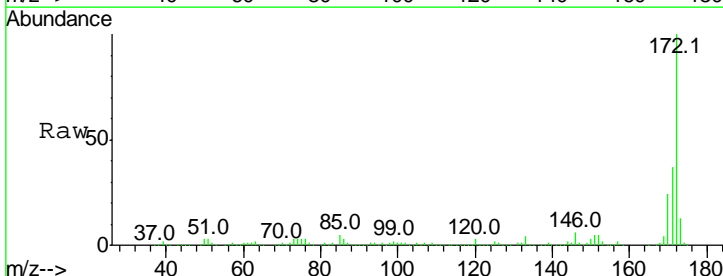
Instrument :  
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 ClientSampleId :  
 120417-TIDO-F-D-B

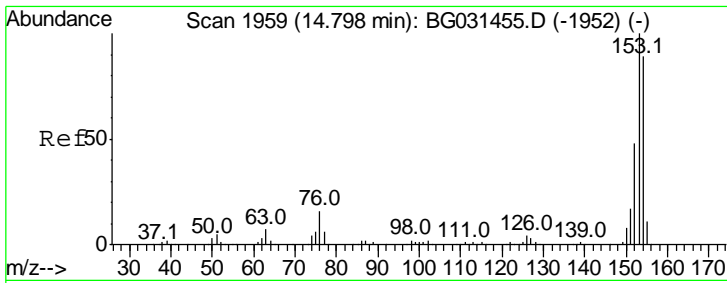
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.7	25.2	37.8



#44  
 2-Fluorobiphenyl  
 Concen: 99.072 ng  
 RT: 13.36 min Scan# 1714  
 Delta R.T. 0.01 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.9	19.5	29.3

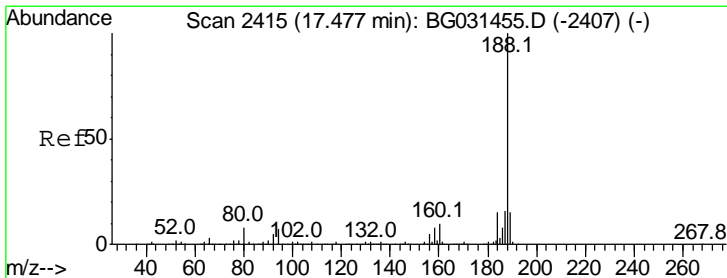
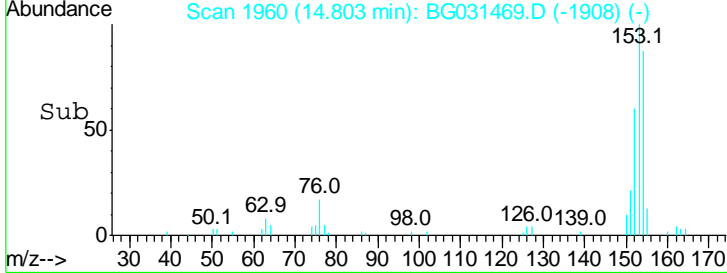
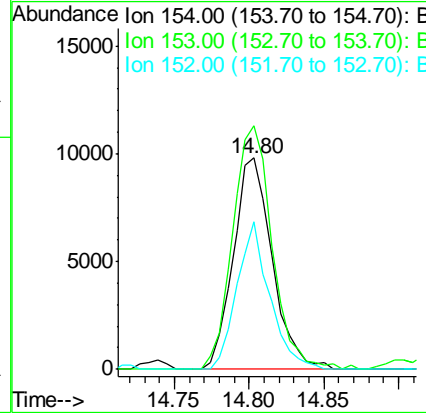
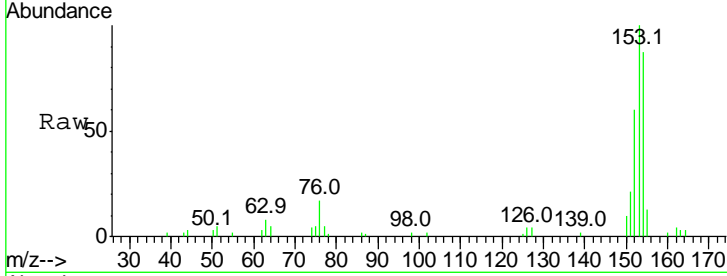




#51  
 Acenaphthene  
 Concen: 2.110 ng  
 RT: 14.80 min Scan# 1960  
 Delta R.T. 0.01 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

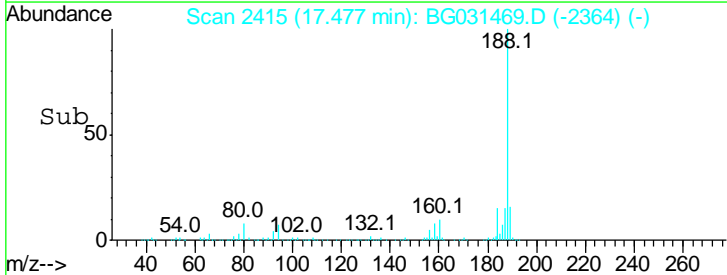
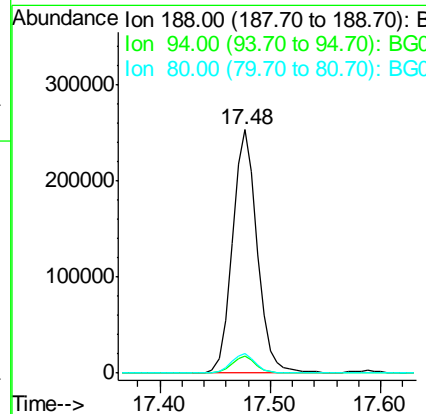
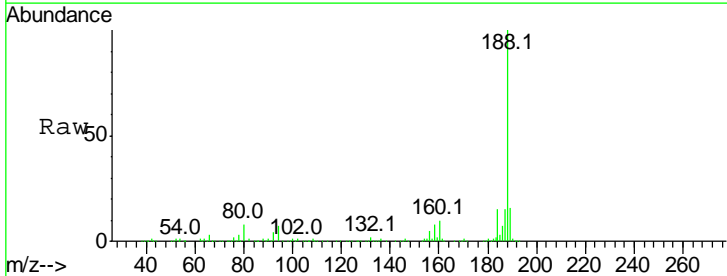
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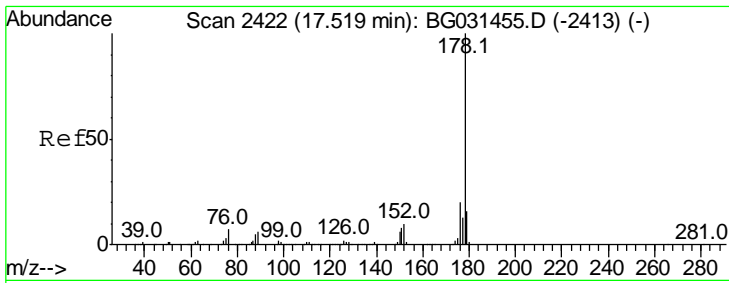
Tgt Ion	Resp	Lower	Upper
154	17812		
153	115.2	90.4	135.6
152	69.5	41.6	62.4



#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.48 min Scan# 2415  
 Delta R.T. -0.00 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

Tgt Ion	Resp	Lower	Upper
188	397494		
94	7.0	6.9	10.3
80	8.1	7.7	11.5

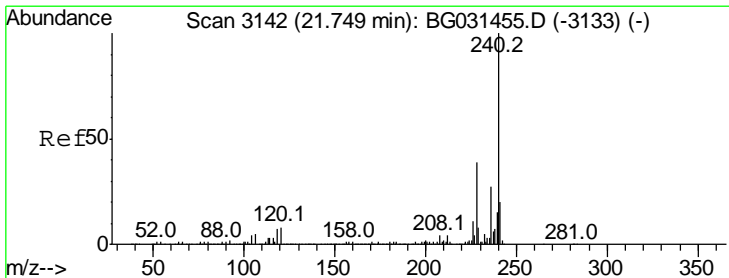
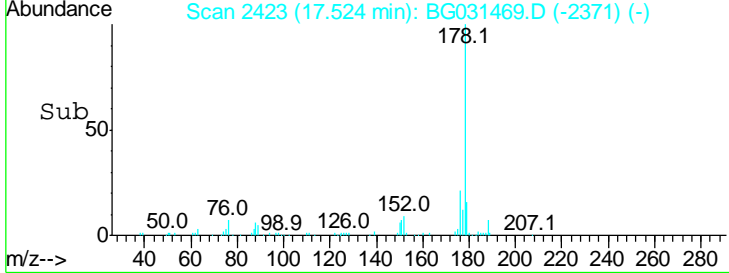
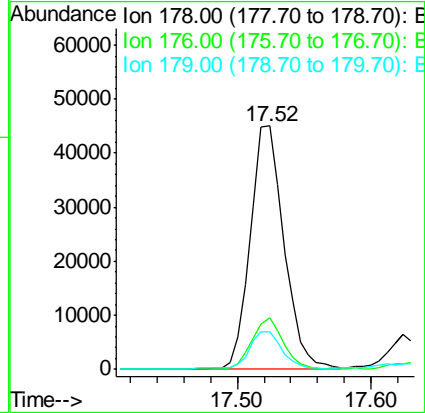
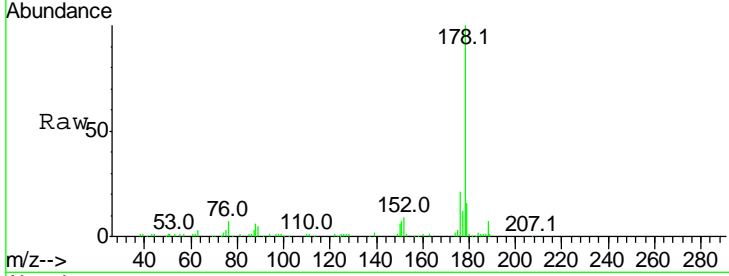




#70  
 Phenanthrene  
 Concen: 3.784 ng  
 RT: 17.52 min Scan# 2423  
 Delta R.T. 0.01 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

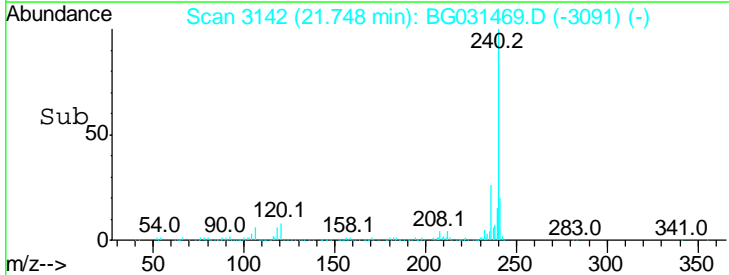
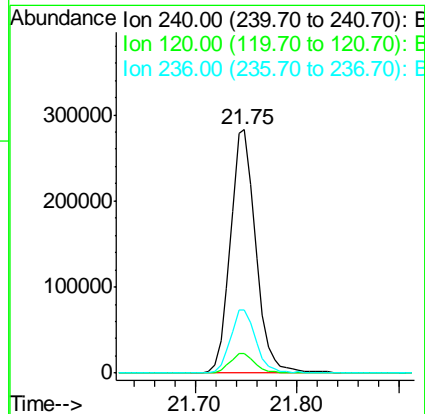
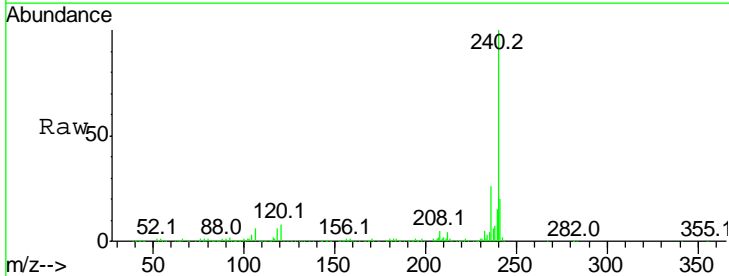
Instrument :  
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 120417-TIDO-F-D-B

Tgt Ion	Resp	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	15.6	12.5	18.7

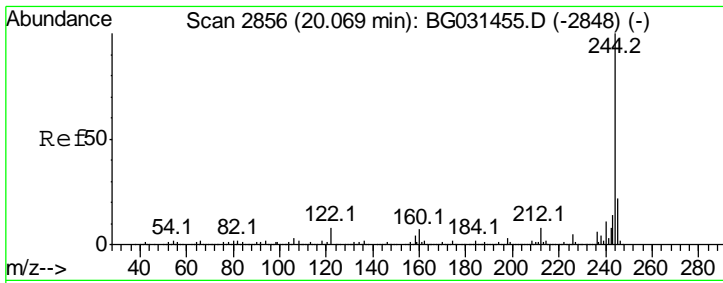


#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.75 min Scan# 3142  
 Delta R.T. -0.00 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

Tgt Ion	Resp	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	25.8	20.9	31.3





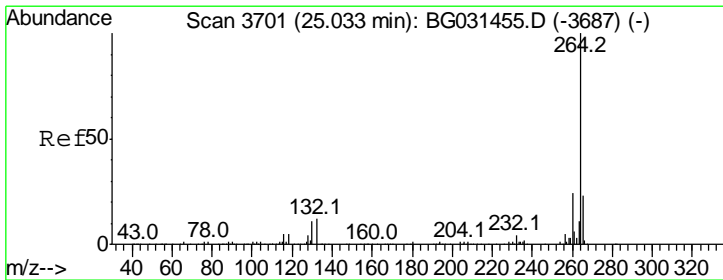
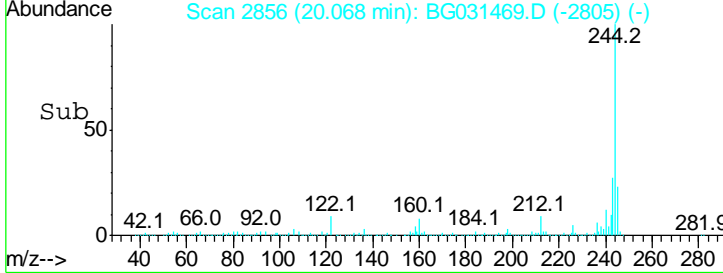
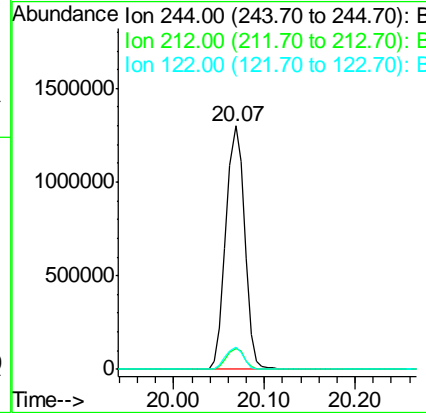
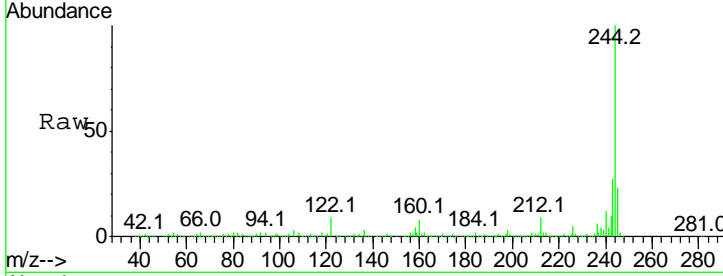


#78  
 Terphenyl-d14  
 Concen: 86.286 ng  
 RT: 20.07 min Scan# 2856  
 Delta R.T. -0.00 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

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Tgt Ion: 244 Resp: 1865375

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	9.1	7.0	10.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.03 min Scan# 3701  
 Delta R.T. -0.00 min  
 Lab File: BG031469.D  
 Acq: 12 Dec 2017 00:42

Tgt Ion: 264 Resp: 463136

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.6	17.7	26.5

