

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG070317\  
 Data File : BG027834.D  
 Acq On : 3 Jul 2017 16:15  
 Operator : SJ/JU  
 Sample : I4025-05RE  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 TP6-MH2098-COMP

Quant Time: Jul 04 07:08:08 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 19:26:37 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	26821	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	114788	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	16958	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	70629	20.00	ng	-0.02
75) Chrysene-d12	22.15	240	945	20.00	ng	-0.02
86) Perylene-d12	0.00	264	0	0.00	ng	-25.79
<b>System Monitoring Compounds</b>						
5) 2-Fluorophenol	6.03	112	118773	68.19	ng	-0.02
7) Phenol-d6	7.60	99	52713	19.81	ng	-0.02
23) Nitrobenzene-d5	9.62	82	123758	60.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	118594	509.87	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	322593	271.68	ng	-0.02
78) Terphenyl-d14	20.36	244	139114	3451.16	ng	-0.02

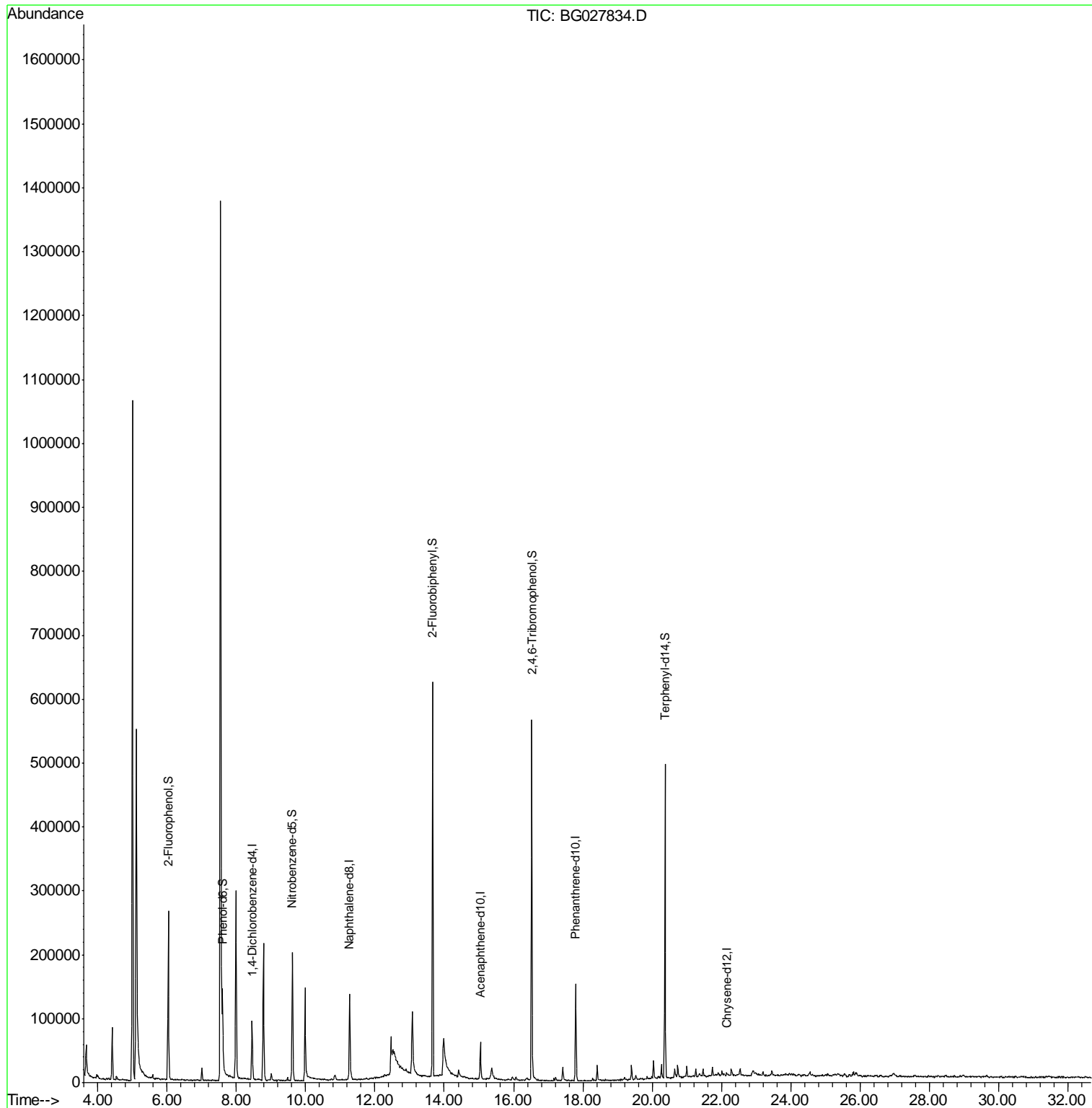
Target Compounds Qvalue  
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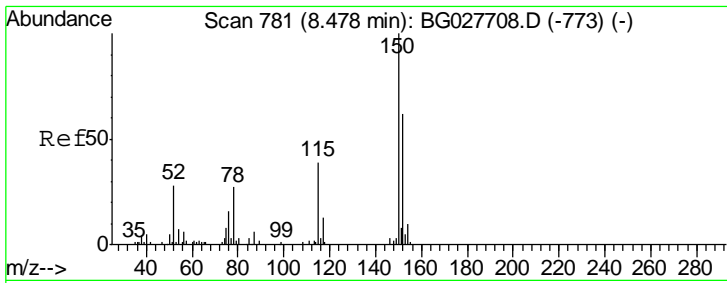
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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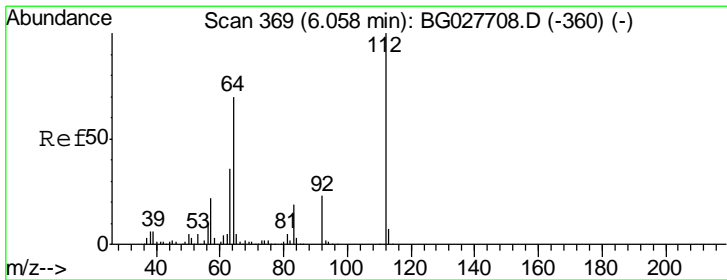
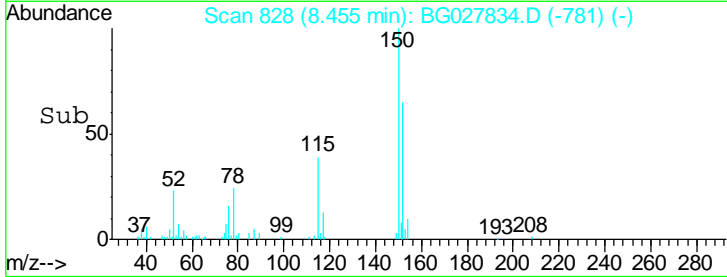
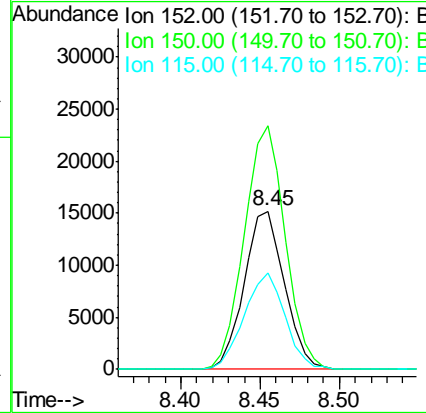
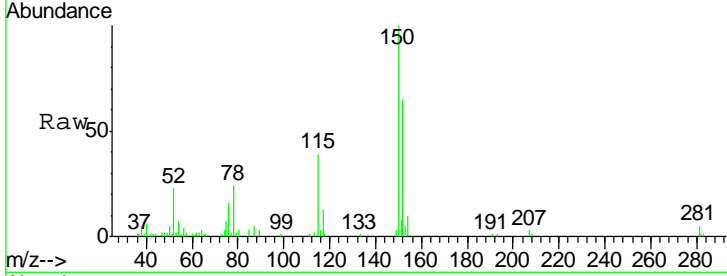




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.45 min Scan# 828  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

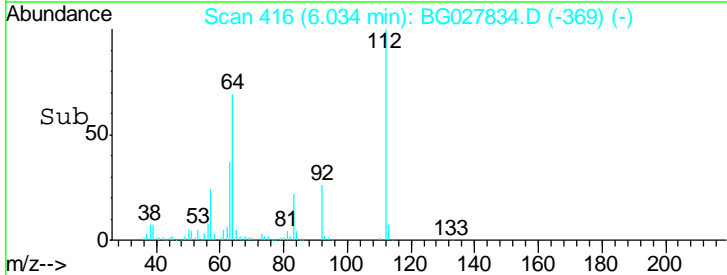
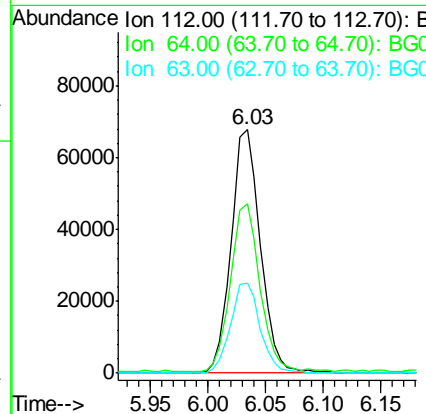
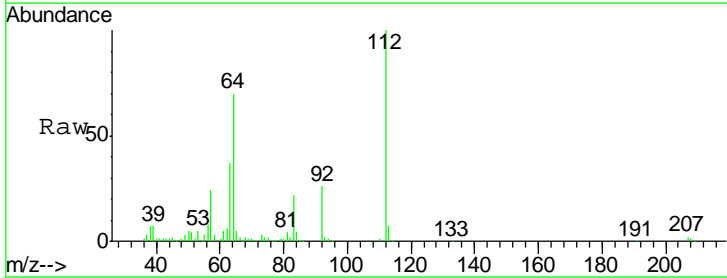
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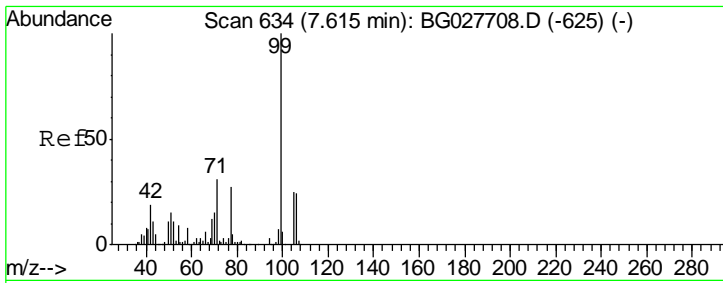
Tgt Ion	Resp	Lower	Upper
152	26821		
152	100		
150	154.1	114.0	171.0
115	60.7	48.1	72.1



#5  
 2-Fluorophenol  
 Concen: 68.193 ng  
 RT: 6.03 min Scan# 416  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

Tgt Ion	Resp	Lower	Upper
112	118773		
112	100		
64	69.8	61.8	92.6
63	37.0	37.2	55.8#

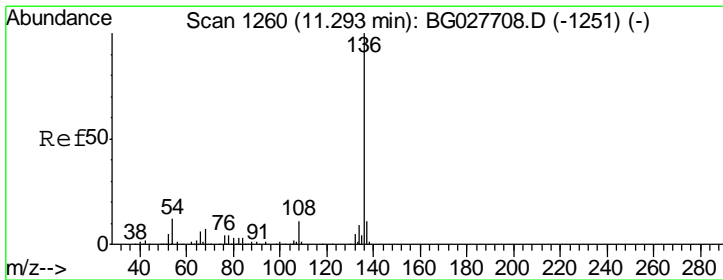
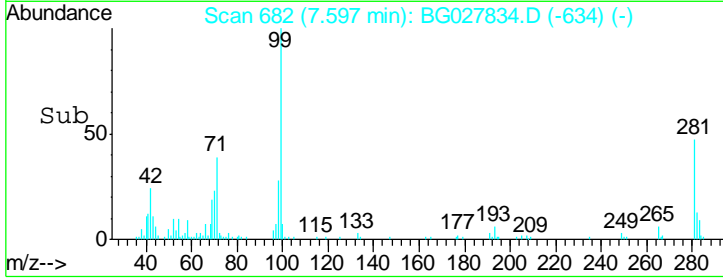
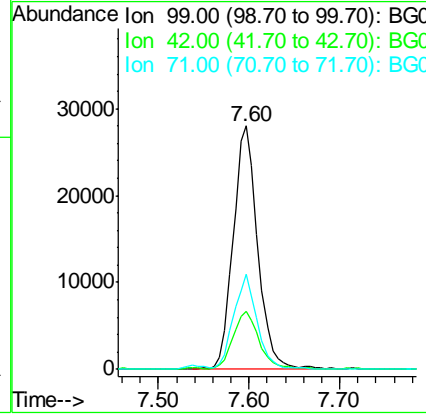
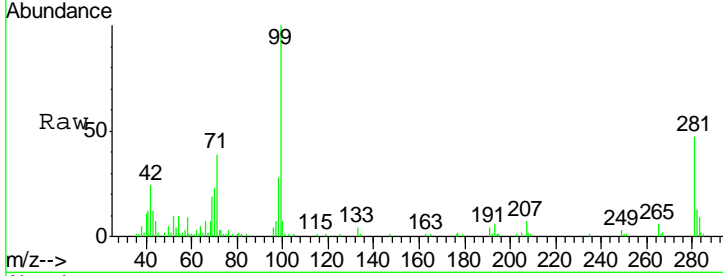




#7  
 Phenol-d6  
 Concen: 19.811 ng  
 RT: 7.60 min Scan# 682  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

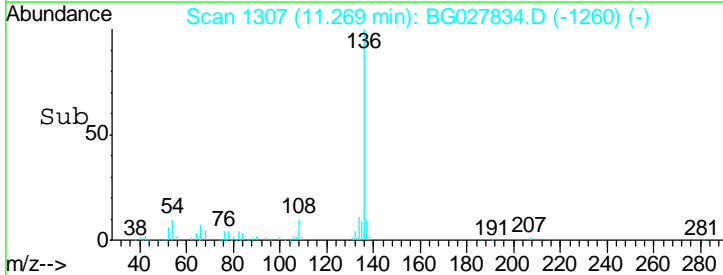
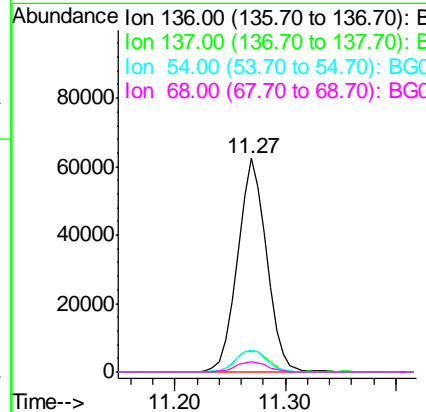
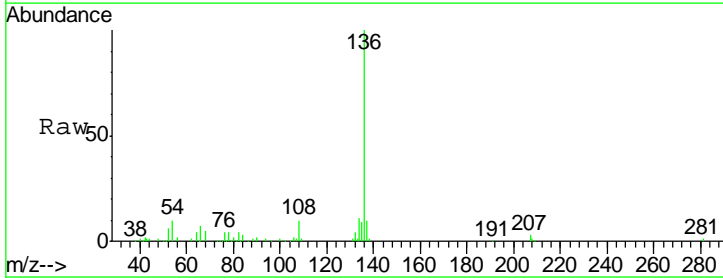
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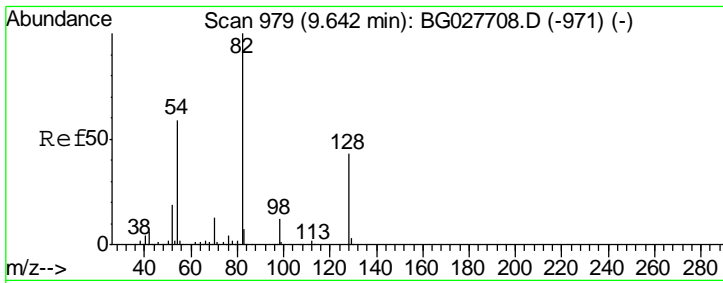
Tgt Ion	Resp	Lower	Upper
99	52713		
42	23.6	20.5	30.7
71	39.2	37.6	56.4



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 11.27 min Scan# 1307  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

Tgt Ion	Resp	Lower	Upper
136	114788		
137	9.6	8.9	13.3
54	10.2	9.3	13.9
68	4.8	5.1	7.7#

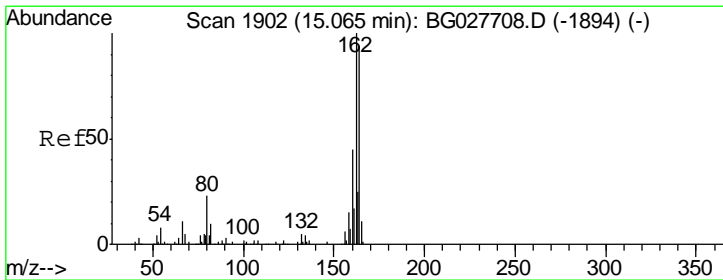
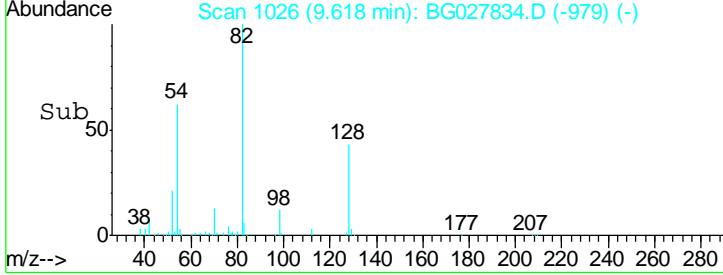
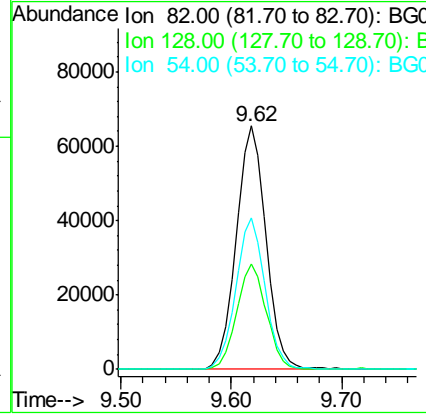
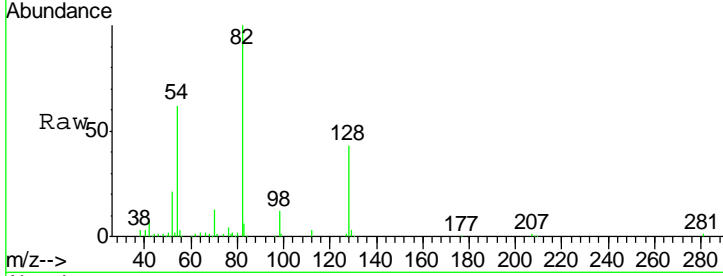




#23  
 Nitrobenzene-d5  
 Concen: 60.097 ng  
 RT: 9.62 min Scan# 1026  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

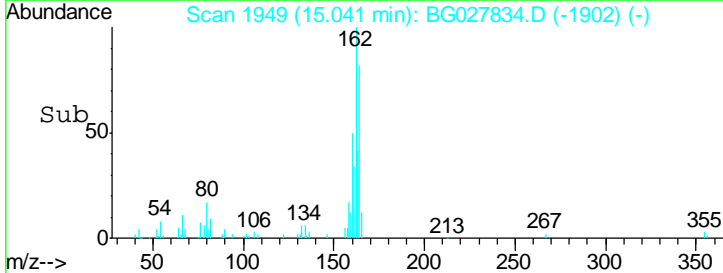
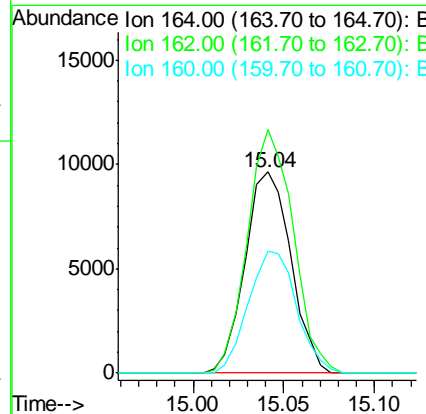
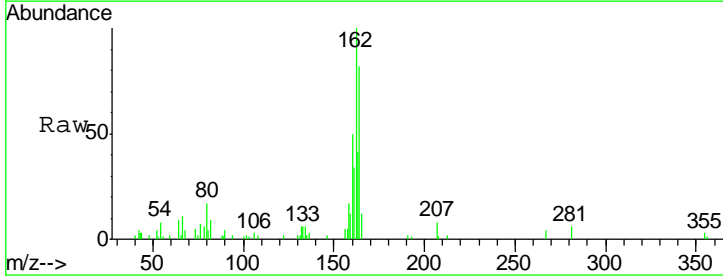
Instrument :  
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 ClientSampleId :  
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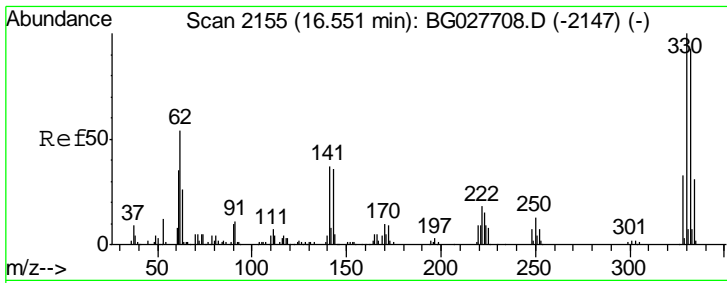
Tgt Ion	Resp	Lower	Upper
82	123758		
128	43.1	26.4	39.6#
54	62.4	49.4	74.2



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.04 min Scan# 1949  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

Tgt Ion	Resp	Lower	Upper
164	16958		
162	121.3	85.1	127.7
160	60.7	34.7	52.1#

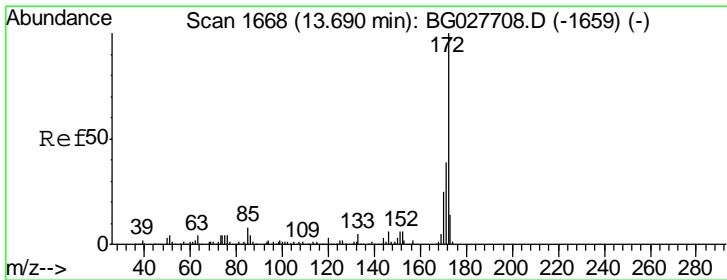
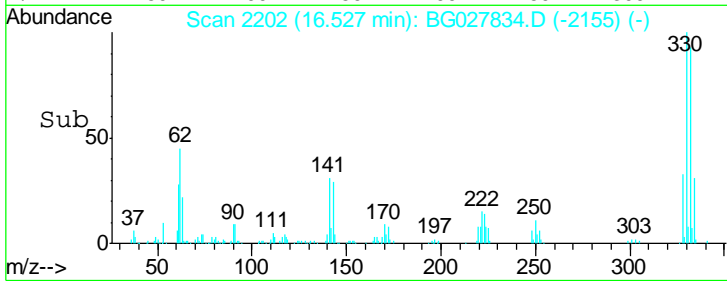
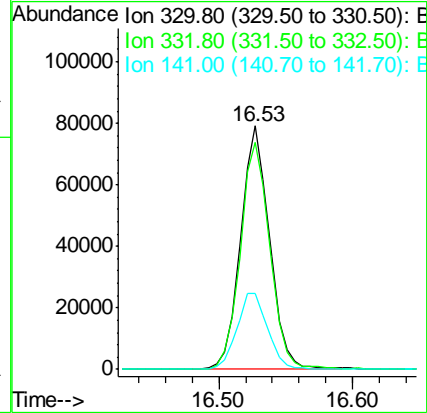
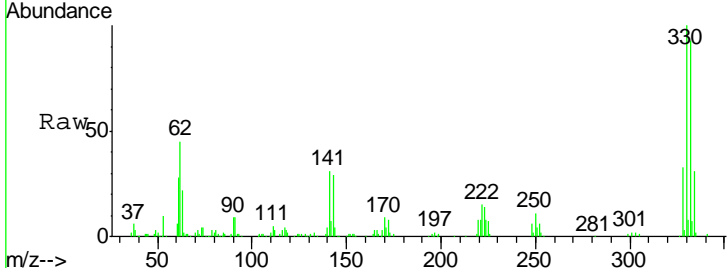




#41  
 2,4,6-Tribromophenol  
 Concen: 509.868 ng  
 RT: 16.53 min Scan# 2202  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

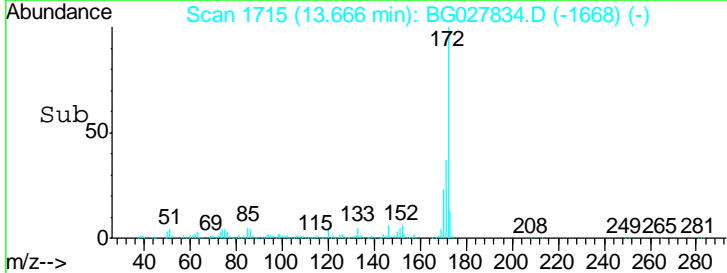
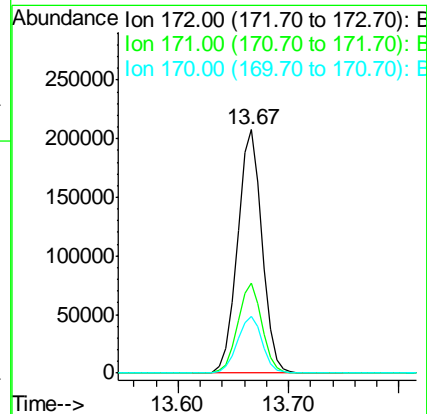
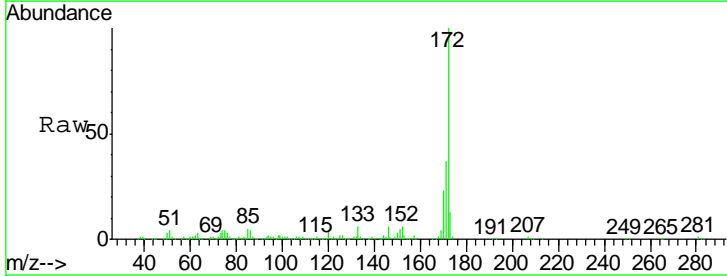
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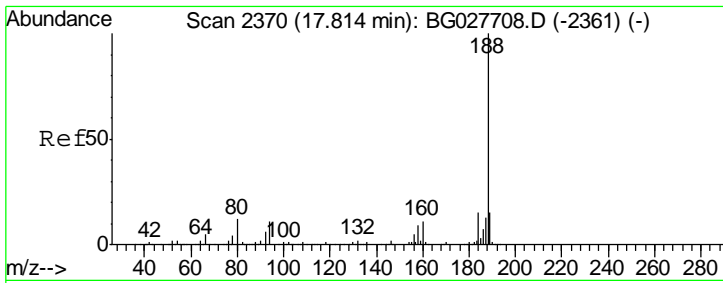
Tgt Ion	Resp	Lower	Upper
330	118594		
332	95.1	77.3	115.9
141	33.5	32.1	48.1



#44  
 2-Fluorobiphenyl  
 Concen: 271.681 ng  
 RT: 13.67 min Scan# 1715  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

Tgt Ion	Resp	Lower	Upper
172	322593		
171	37.0	32.2	48.2
170	23.5	21.8	32.6

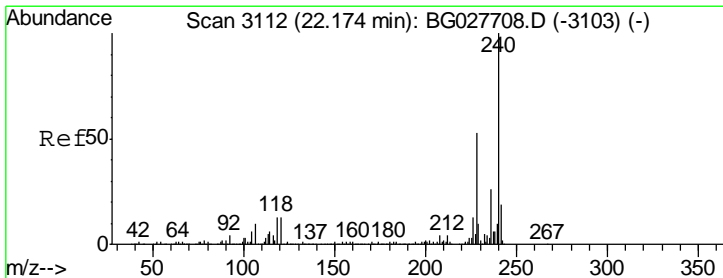
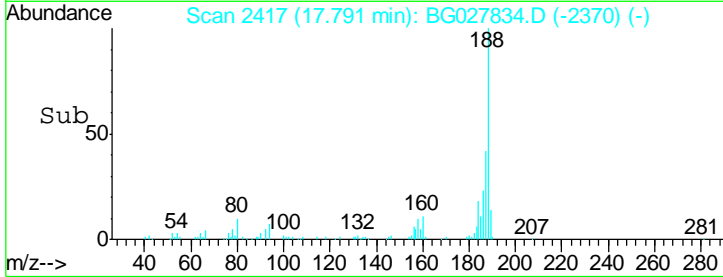
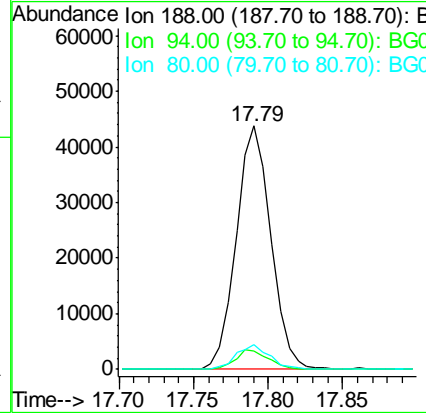
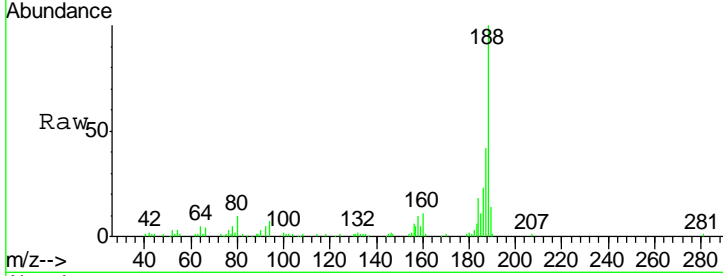




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.79 min Scan# 2417  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

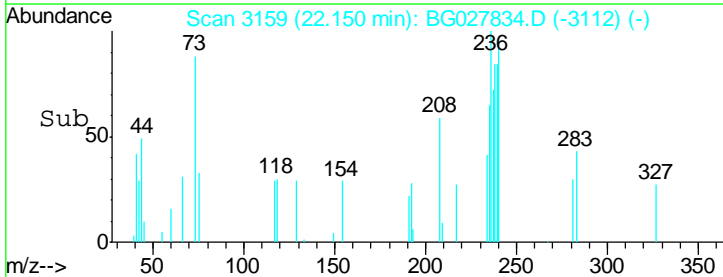
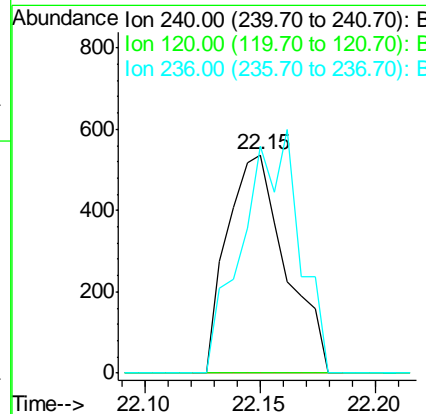
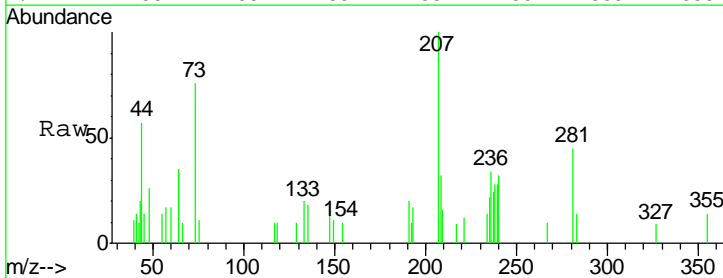
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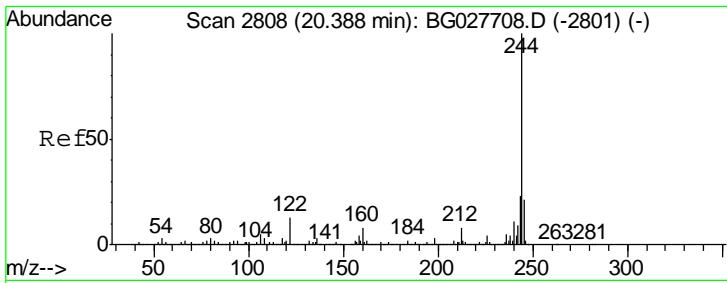
Tgt Ion	Resp	Lower	Upper
188	100		
94	7.3	5.8	8.8
80	10.2	7.5	11.3



#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 22.15 min Scan# 3159  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

Tgt Ion	Resp	Lower	Upper
240	100		
120	0.0	5.7	8.5#
236	104.3	22.2	33.4#

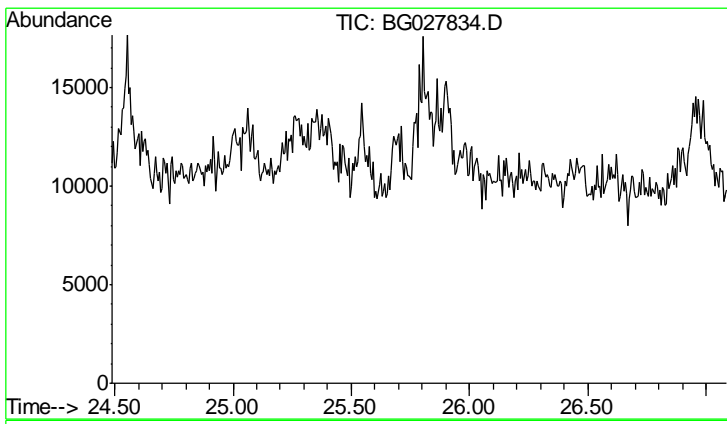
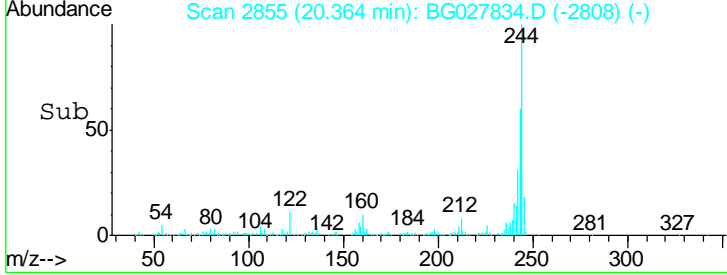
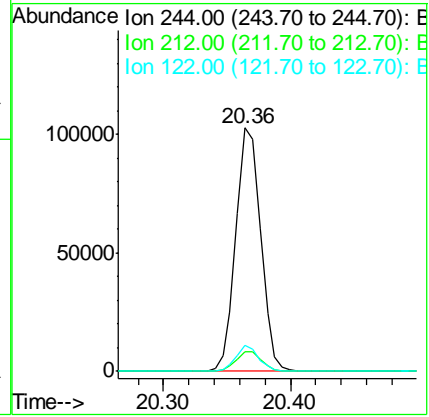
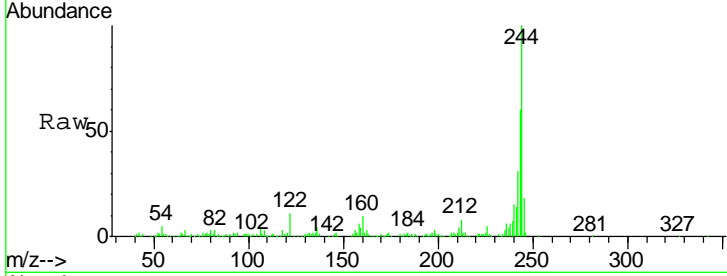




#78  
 Terphenyl-d14  
 Concen: 3451.158 ng  
 RT: 20.36 min Scan# 2855  
 Delta R.T. -0.02 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

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**ClientSampleId :**  
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Tgt Ion	Resp	Lower	Upper
244	139114		
212	7.9	10.0	15.0
122	10.5	8.6	12.8



#86  
 Perylene-d12  
 Concen: 0.000 ng  
 Expected RT: 25.79 min  
 Lab File: BG027834.D  
 Acq: 3 Jul 2017 16:15

Tgt Ion	Exp Ratio
264	100
260	27.3
265	22.8

