

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\  
 Data File : BG038714.D  
 Acq On : 19 Dec 2018 5:13  
 Operator : JU/SJ  
 Sample : J6403-64  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-8-B

Quant Time: Dec 19 07:35:19 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26433	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	100181	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	67582	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	174947	20.00	ng	0.00
76) Chrysene-d12	21.72	240	186470	20.00	ng	0.00
87) Perylene-d12	25.02	264	192907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	194486	130.50	ng	0.00
7) Phenol-d6	7.21	99	235159	114.94	ng	0.00
23) Nitrobenzene-d5	9.23	82	186153	94.93	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	133016	142.81	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	465860	94.57	ng	0.00
79) Terphenyl-d14	20.04	244	917500	107.08	ng	0.00

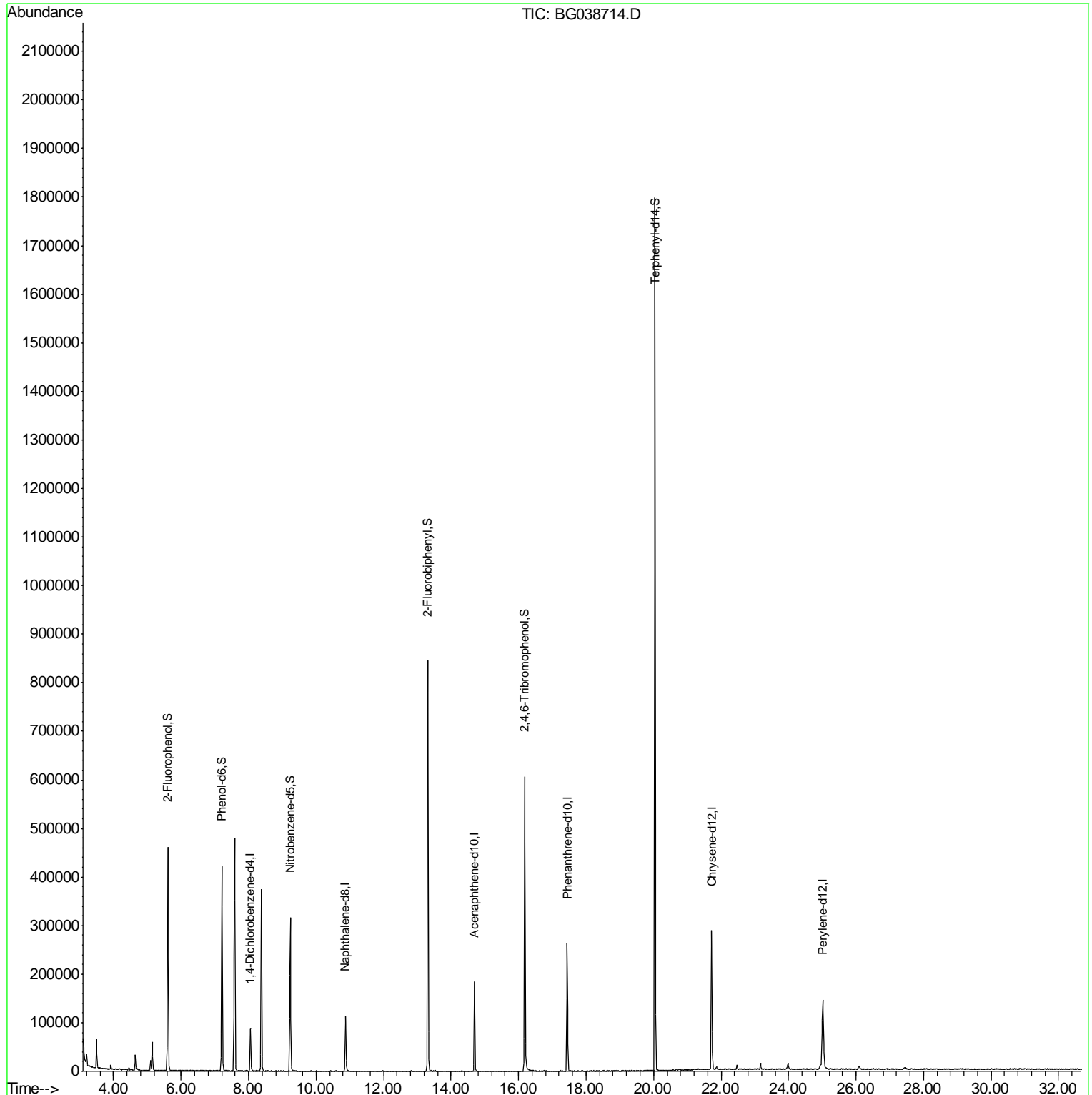
Target Compounds Qvalue

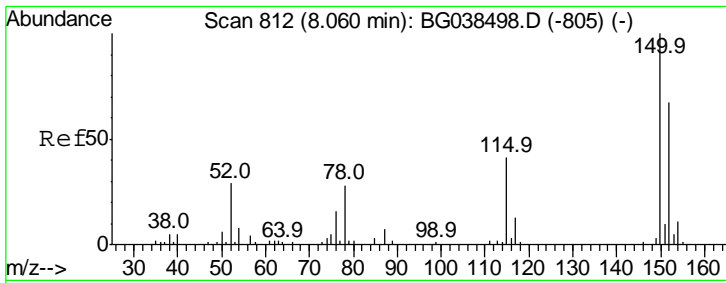
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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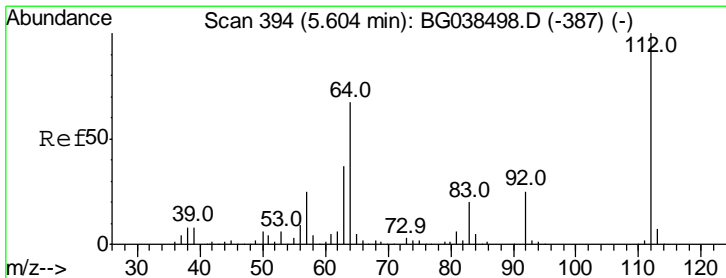
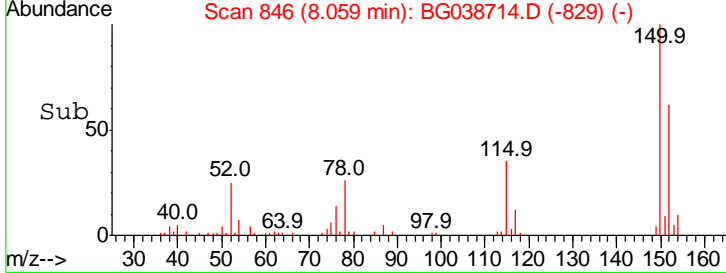
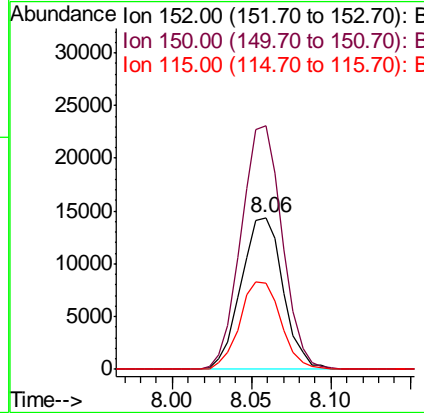
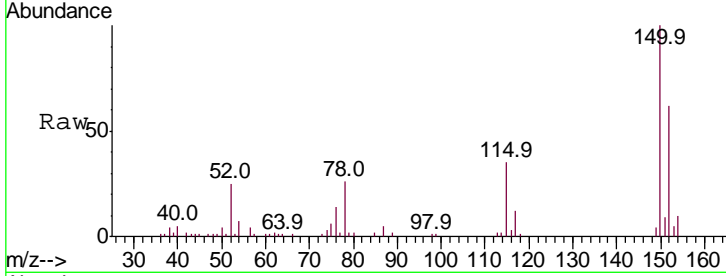




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.06 min Scan# 846  
 Delta R.T. -0.00 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

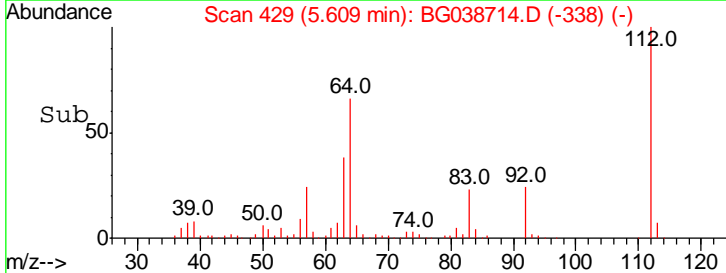
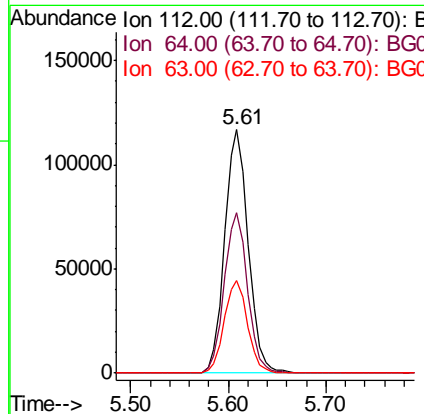
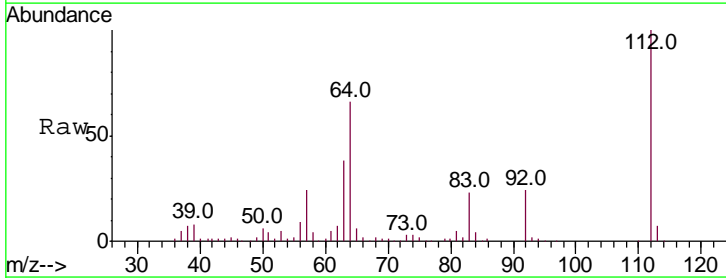
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-8-B

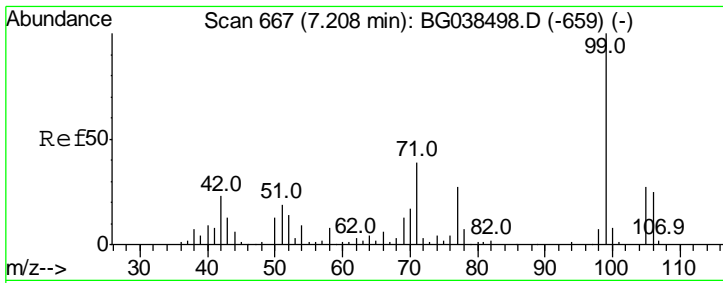
Tgt Ion	Resp	Lower	Upper
152	26433		
150	160.6	119.5	179.3
115	56.7	49.6	74.4



#5  
 2-Fluorophenol  
 Concen: 130.500 ng  
 RT: 5.61 min Scan# 429  
 Delta R.T. 0.01 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

Tgt Ion	Resp	Lower	Upper
112	194486		
64	65.8	53.4	80.2
63	38.1	29.3	43.9

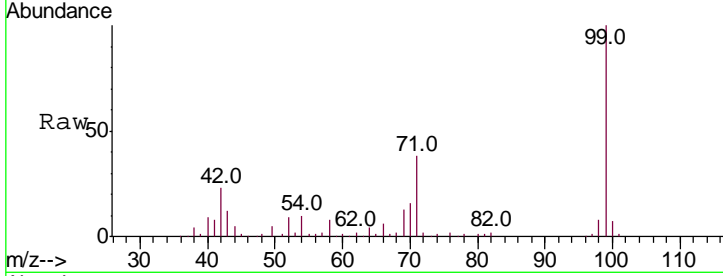




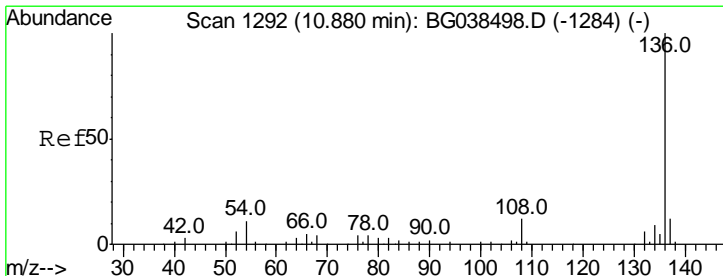
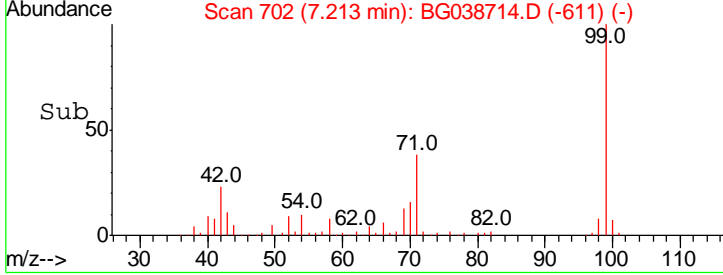
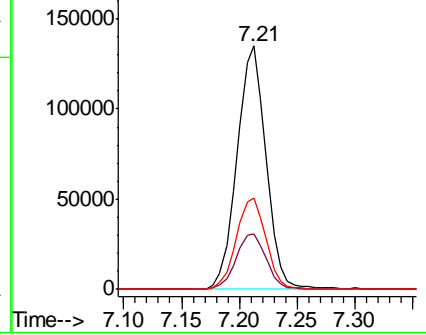
#7  
 Phenol-d6  
 Concen: 114.941 ng  
 RT: 7.21 min Scan# 702  
 Delta R.T. 0.00 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-8-B

Tgt Ion	Resp	Lower	Upper
99	100		
42	22.8	18.5	27.7
71	37.7	31.1	46.7

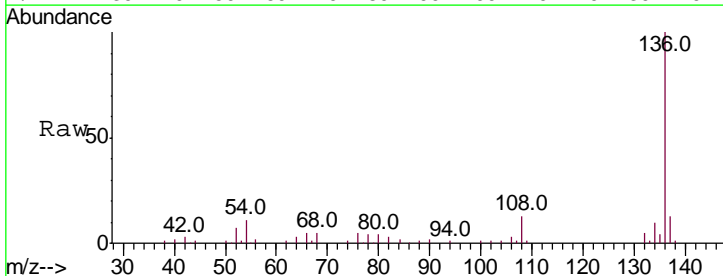


Abundance Ion 99.00 (98.70 to 99.70): BGC  
 Ion 42.00 (41.70 to 42.70): BGC  
 Ion 71.00 (70.70 to 71.70): BGC

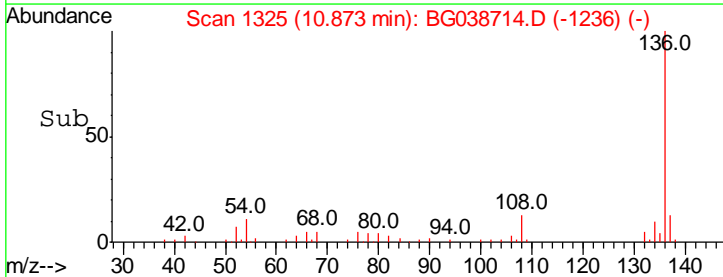
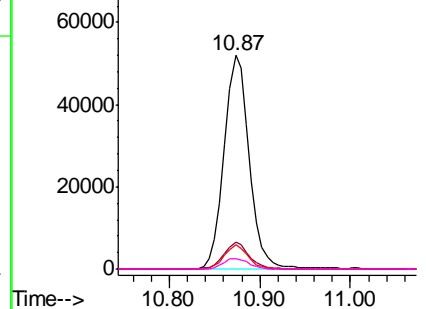


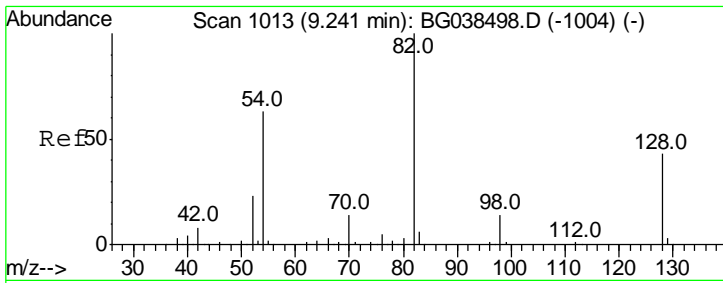
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.87 min Scan# 1325  
 Delta R.T. -0.01 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

Tgt Ion	Resp	Lower	Upper
136	100		
137	12.6	9.3	13.9
54	11.1	8.5	12.7
68	4.5	3.5	5.3



Abundance Ion 136.00 (135.70 to 136.70): E  
 Ion 137.00 (136.70 to 137.70): E  
 Ion 54.00 (53.70 to 54.70): BGC  
 Ion 68.00 (67.70 to 68.70): BGC

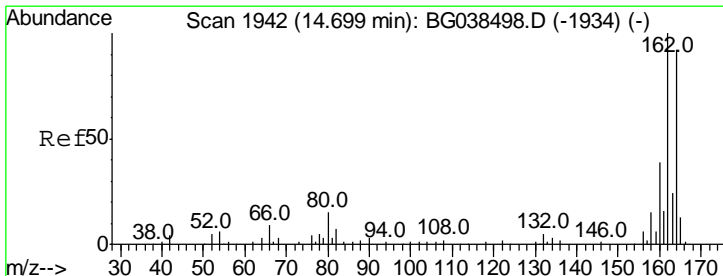
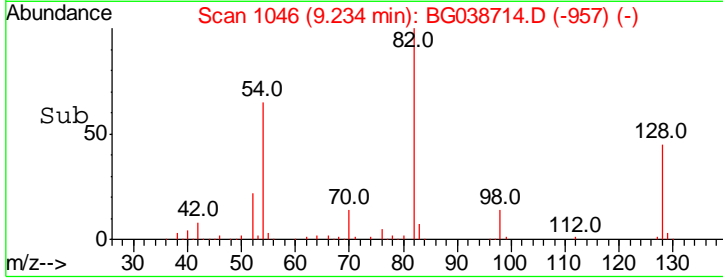
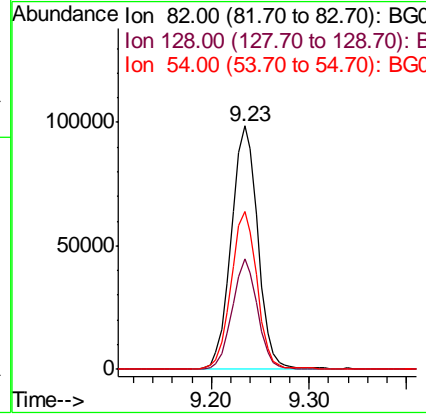
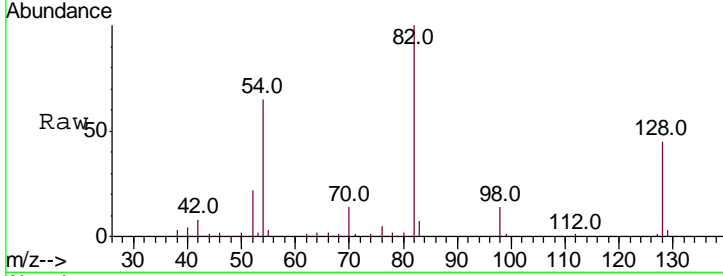




#23  
 Nitrobenzene-d5  
 Concen: 94.928 ng  
 RT: 9.23 min Scan# 1046  
 Delta R.T. -0.01 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

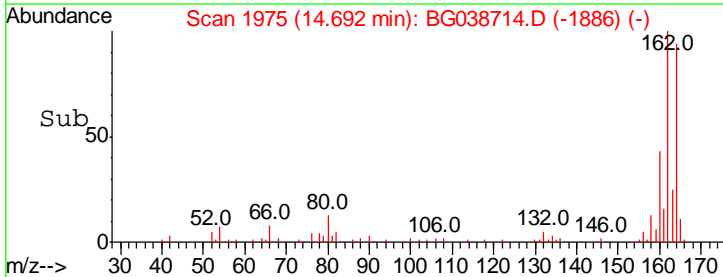
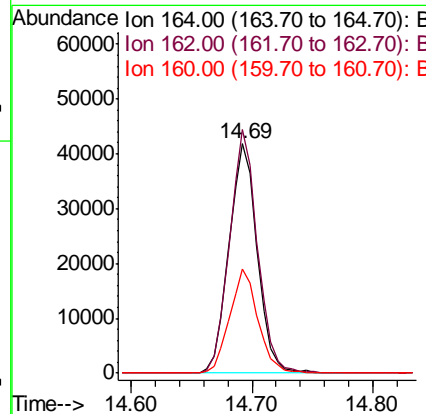
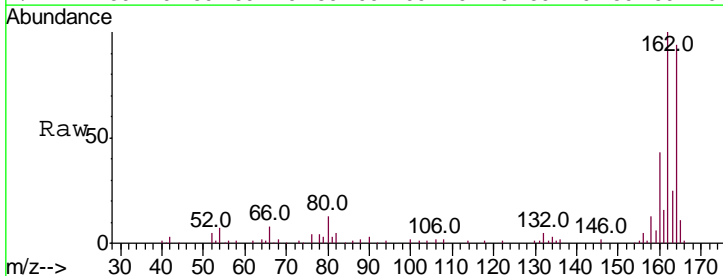
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-8-B

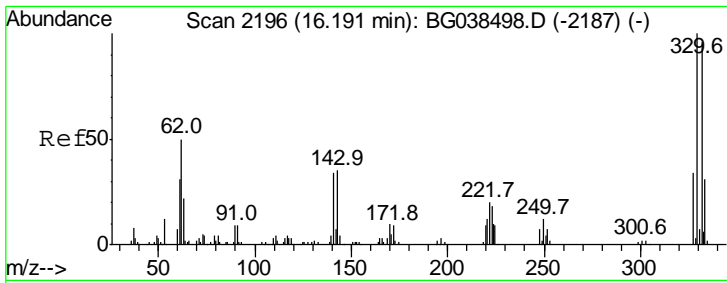
Tgt Ion	Resp	Lower	Upper
82	100		
128	45.2	34.6	52.0
54	65.1	50.6	76.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.69 min Scan# 1975  
 Delta R.T. -0.01 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

Tgt Ion	Resp	Lower	Upper
164	100		
162	106.3	86.6	130.0
160	45.6	34.2	51.2

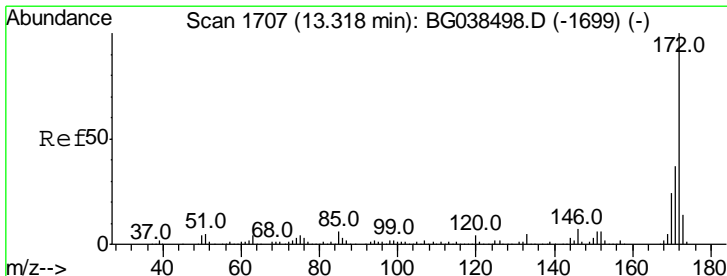
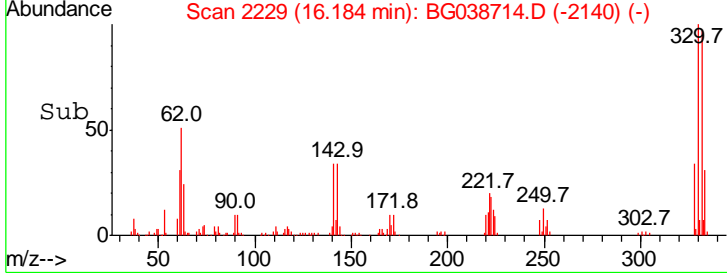
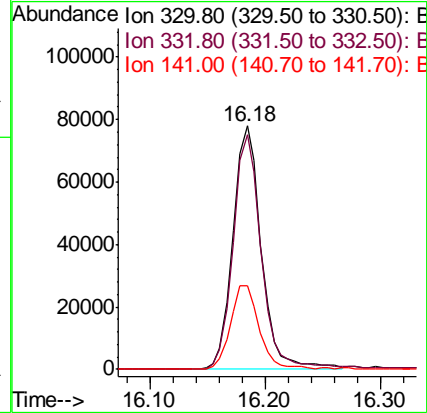
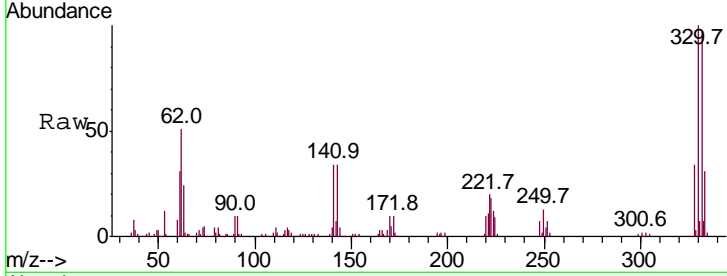




#42  
 2,4,6-Tribromophenol  
 Concen: 142.813 ng  
 RT: 16.18 min Scan# 2229  
 Delta R.T. -0.01 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

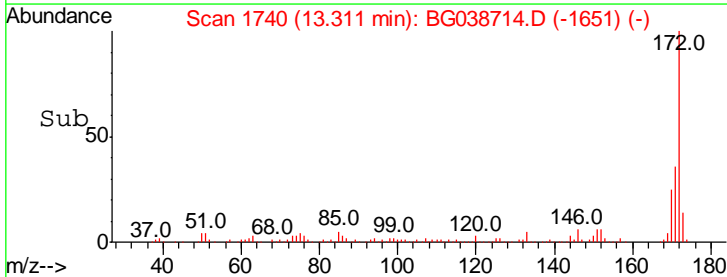
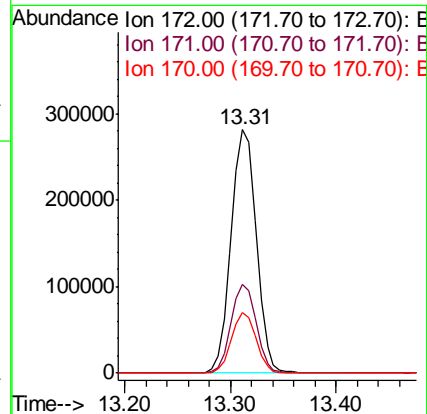
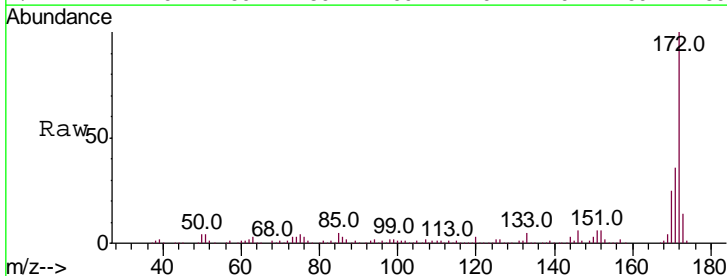
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-8-B

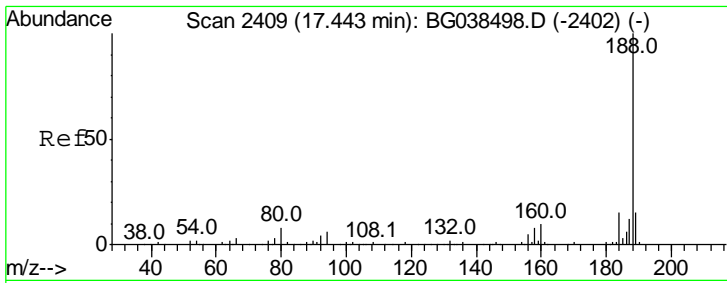
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	34.6	28.8	43.2



#45  
 2-Fluorobiphenyl  
 Concen: 94.565 ng  
 RT: 13.31 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.9	19.5	29.3

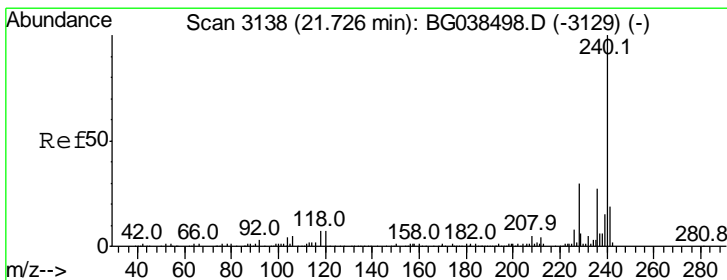
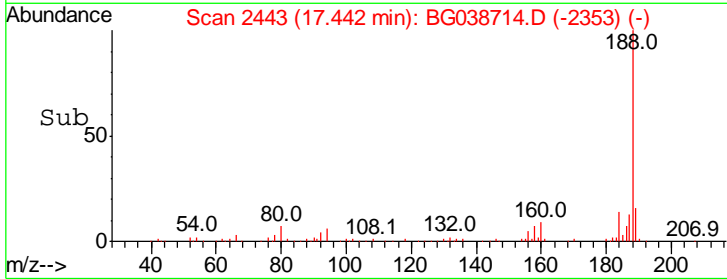
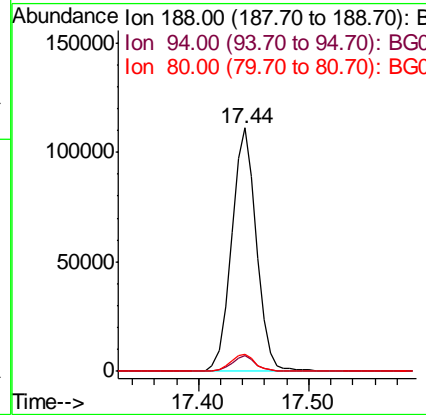
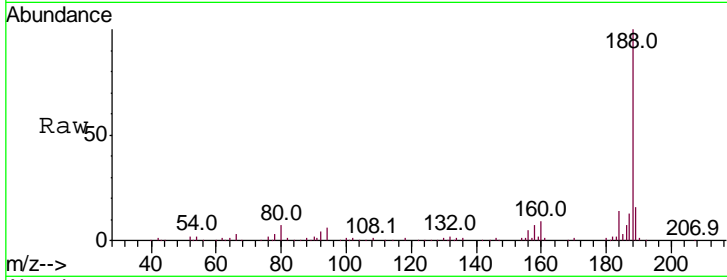




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.44 min Scan# 2443  
 Delta R.T. -0.00 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

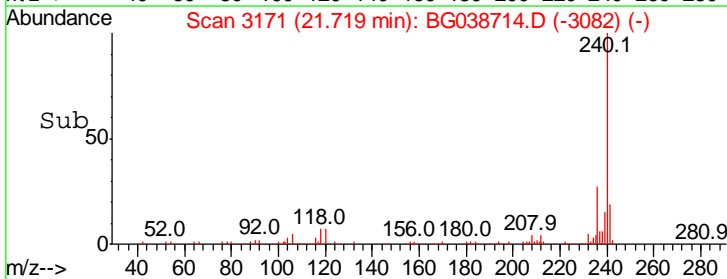
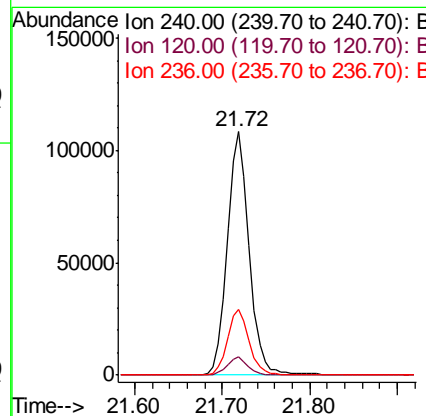
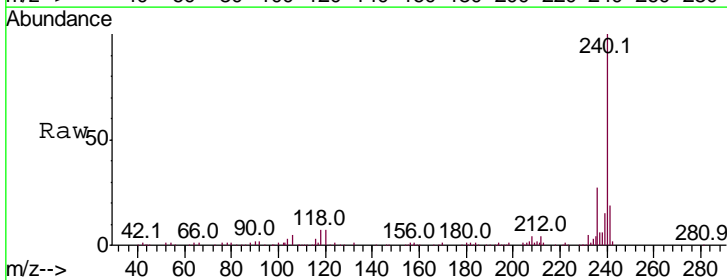
Instrument :  
 BNA\_G  
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 TP-8-B

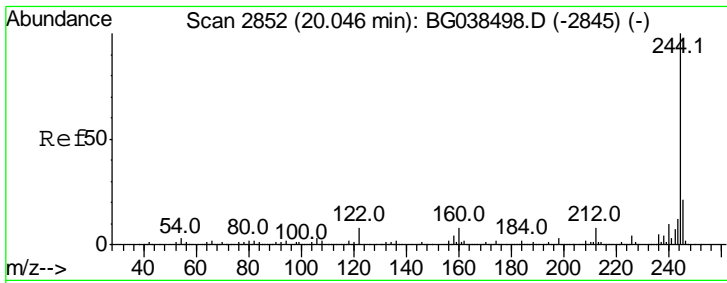
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	7.0	6.1	9.1



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3171  
 Delta R.T. -0.01 min  
 Lab File: BG038714.D  
 Acq: 19 Dec 2018 5:13

Tgt Ion	Resp	Lower	Upper
240	100		
120	7.4	5.3	7.9
236	27.0	21.4	32.2





#79

Terphenyl-d14

Concen: 107.083 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038714.D

Acq: 19 Dec 2018 5:13

Instrument :

BNA\_G

ClientSampled :

TP-8-B

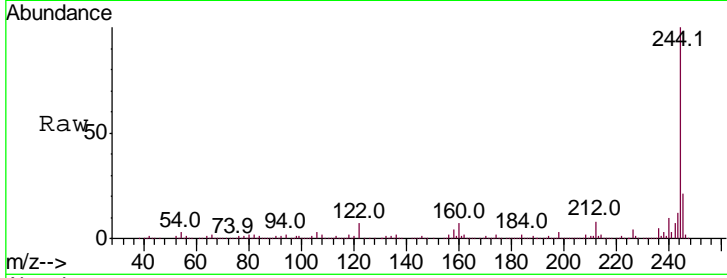
Tgt Ion:244 Resp: 917500

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

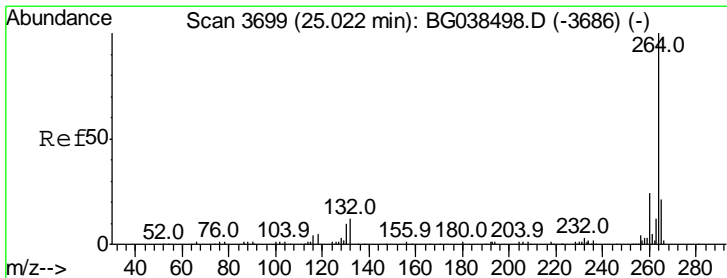
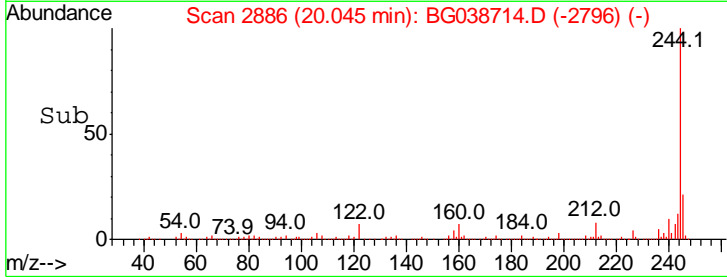
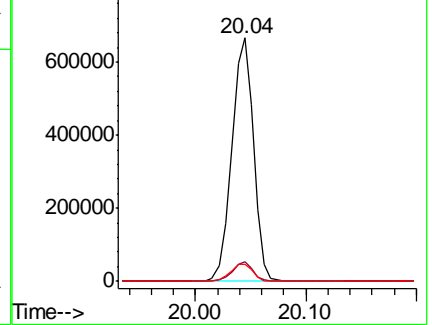
122 6.8 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038714.D

Acq: 19 Dec 2018 5:13

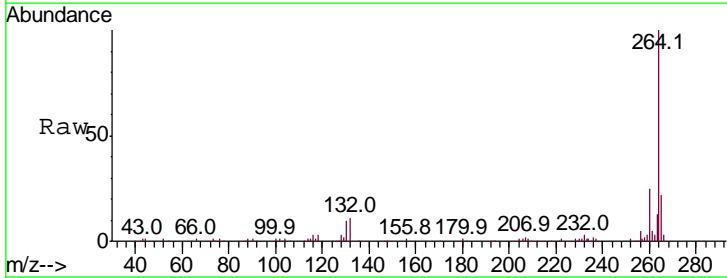
Tgt Ion:264 Resp: 192907

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 22.1 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

