

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\  
 Data File : BG041883.D  
 Acq On : 2 Aug 2019 11:27  
 Operator : HP/JU  
 Sample : PB121888TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB121888TB

Quant Time: Aug 02 18:10:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 08:57:26 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	95737	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	377797	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	274440	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	642037	20.00	ng	0.00
76) Chrysene-d12	21.73	240	659313	20.00	ng	0.00
87) Perylene-d12	25.00	264	753658	20.00	ng	-0.02

## System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	621891	126.38	ng	0.00
7) Phenol-d6	7.19	99	847954	127.82	ng	0.00
23) Nitrobenzene-d5	9.21	82	507534	92.45	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	438085	140.54	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1426704	91.69	ng	0.00
79) Terphenyl-d14	20.06	244	2354944	81.73	ng	0.00

## Target Compounds

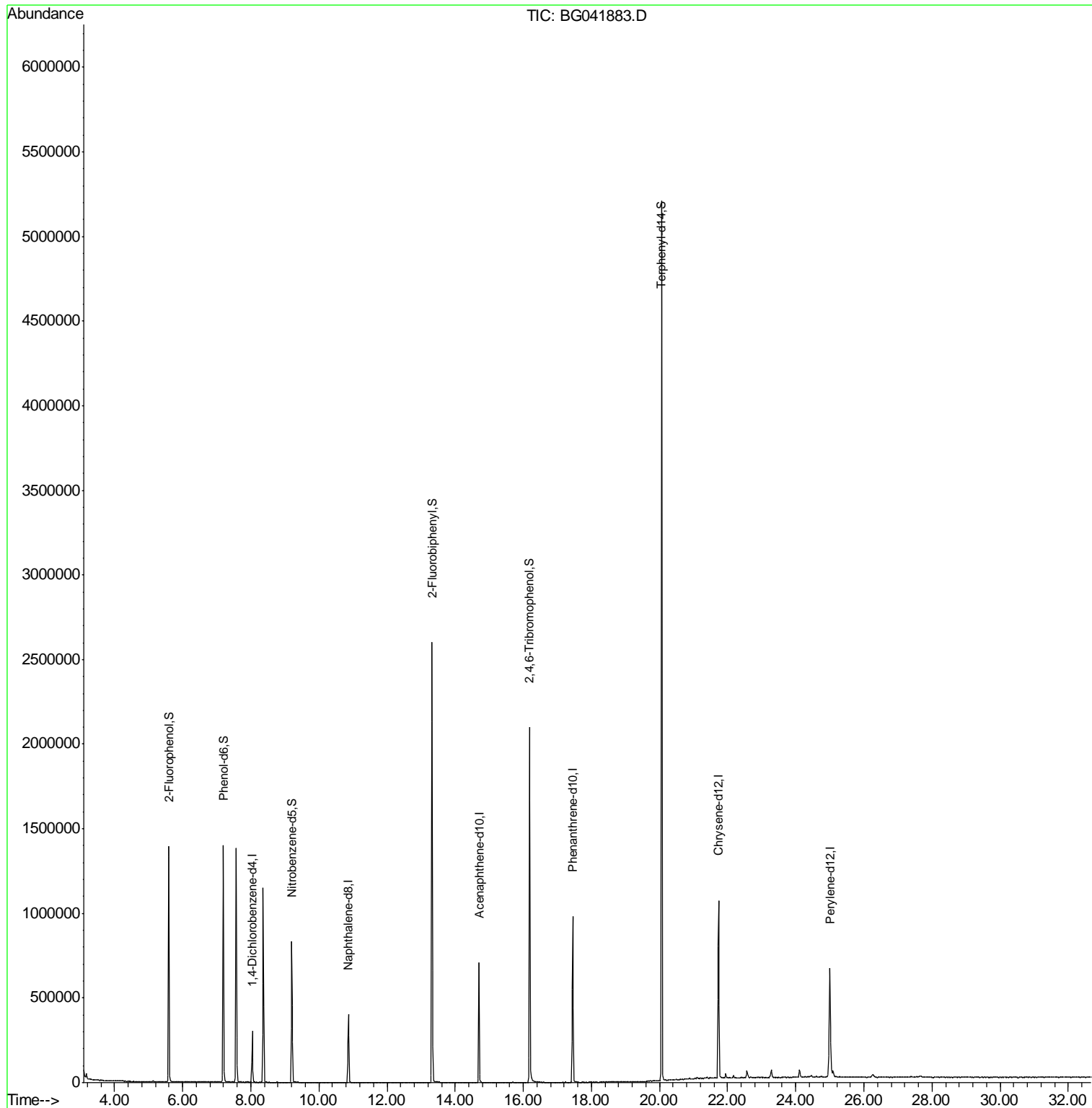
Qvalue

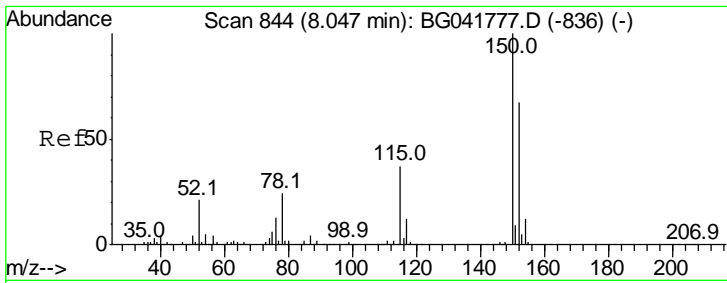
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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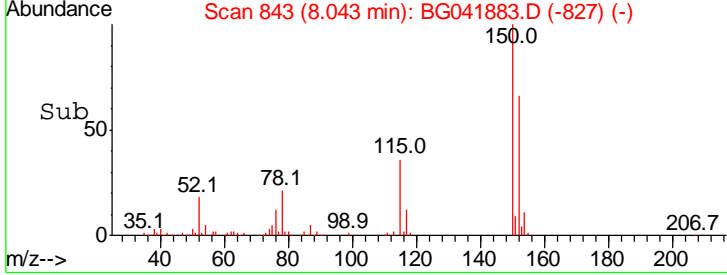
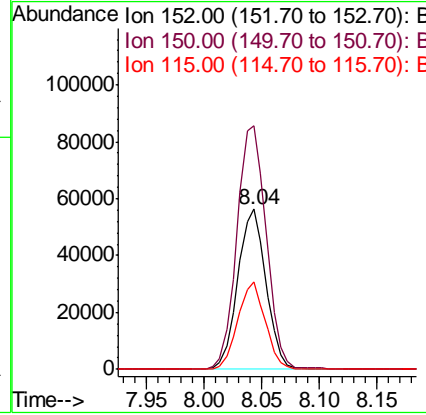
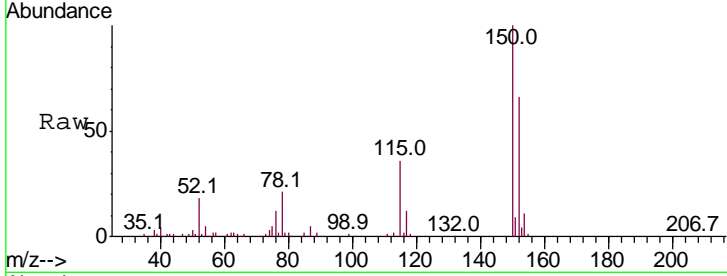




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.04 min Scan# 843  
 Delta R.T. -0.00 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

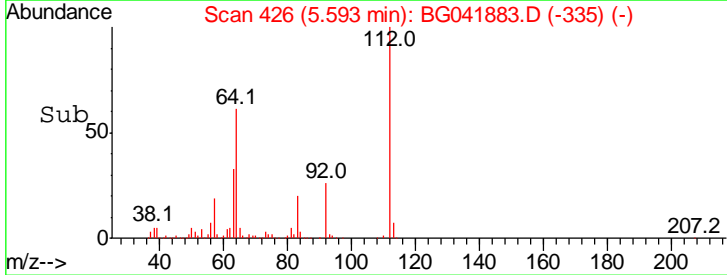
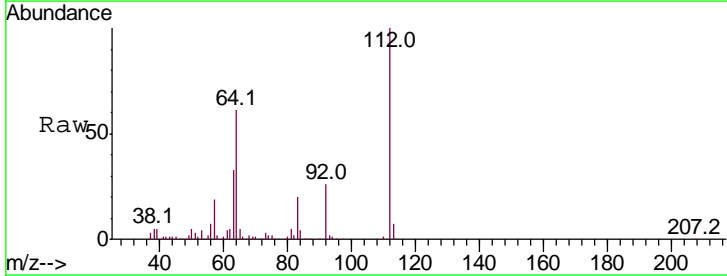
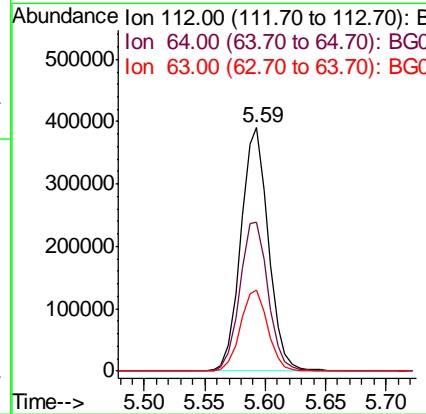
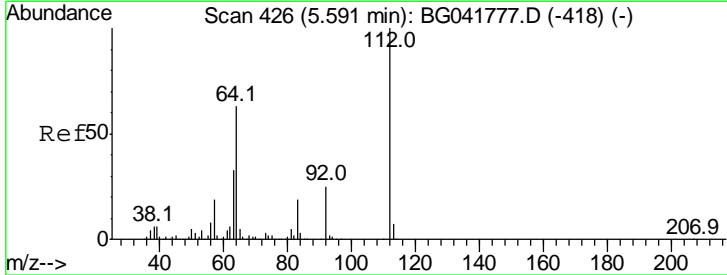
**Instrument :**  
 BNA\_G  
**ClientSampled :**  
 PB121888TB

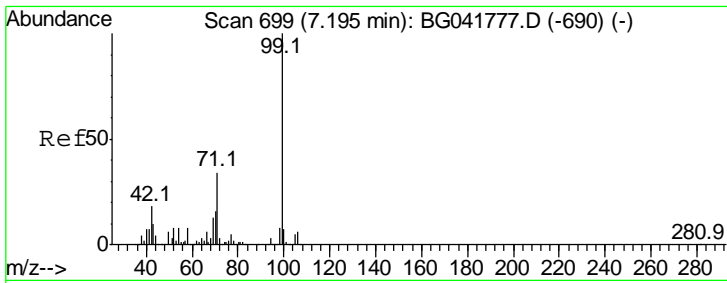
Tgt Ion	Resp	Lower	Upper
152	100		
150	152.2	126.9	190.3
115	54.6	45.0	67.6



#5  
 2-Fluorophenol  
 Concen: 126.384 ng  
 RT: 5.59 min Scan# 426  
 Delta R.T. 0.00 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

Tgt Ion	Resp	Lower	Upper
112	100		
64	61.3	55.4	83.2
63	33.4	29.1	43.7

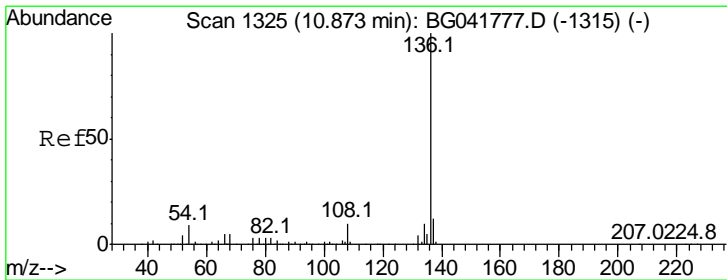
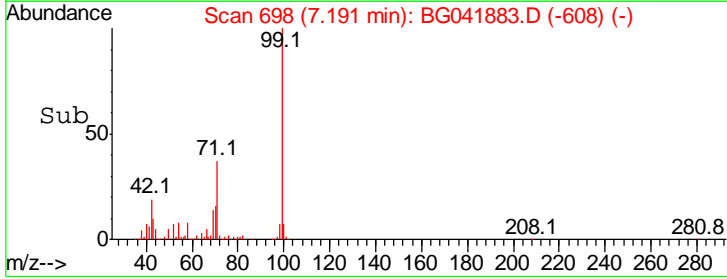
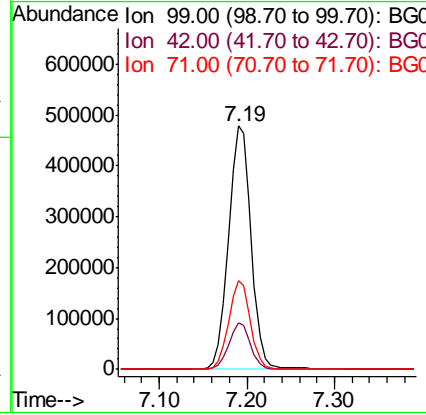
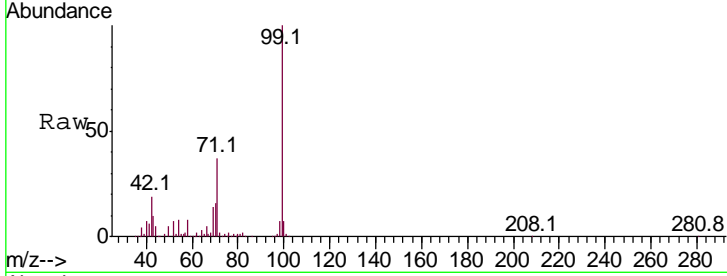




#7  
 Phenol-d6  
 Concen: 127.823 ng  
 RT: 7.19 min Scan# 698  
 Delta R.T. -0.00 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

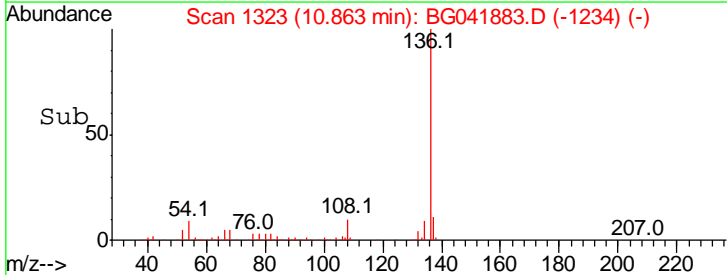
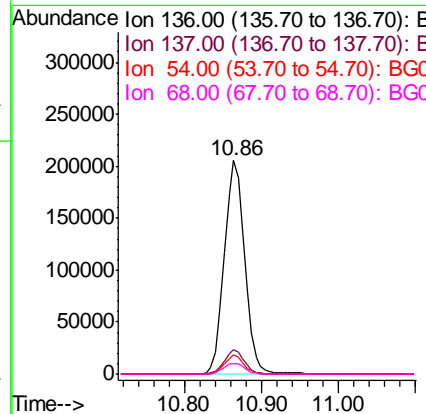
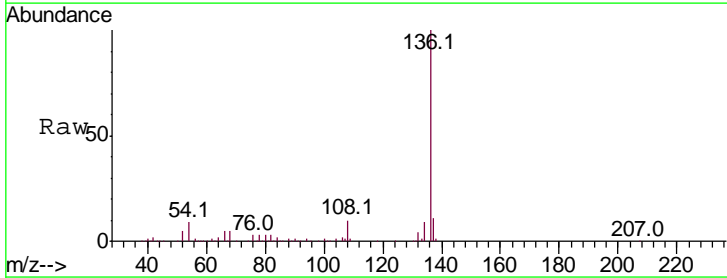
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB121888TB

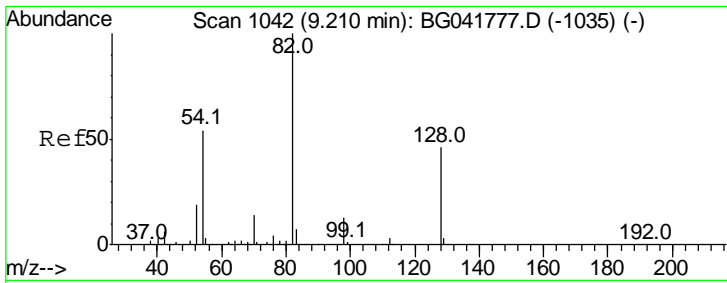
Tgt Ion	Resp	Lower	Upper
99	100		
42	18.9	17.6	26.4
71	36.7	27.8	41.6



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.86 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.2	8.7	13.1
68	4.9	5.5	8.3#

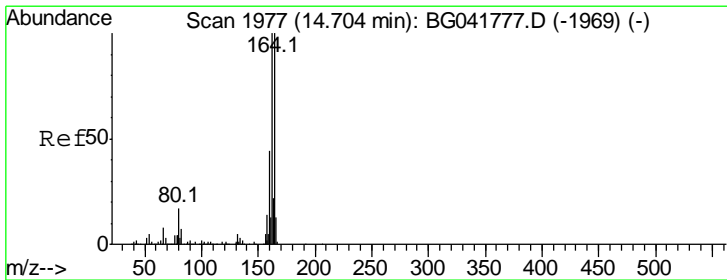
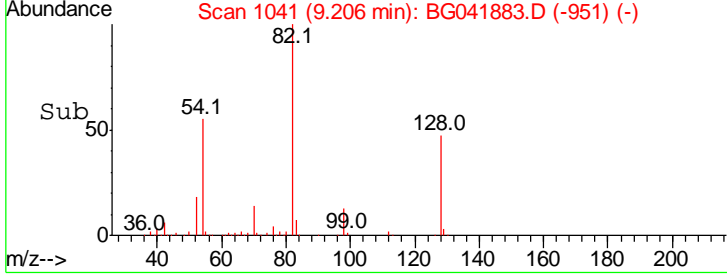
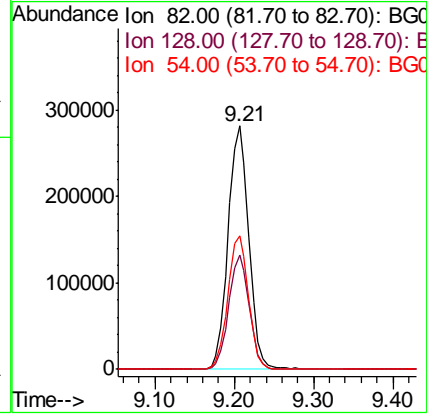
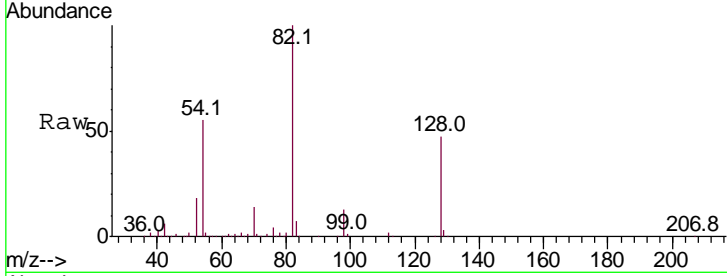




#23  
 Nitrobenzene-d5  
 Concen: 92.448 ng  
 RT: 9.21 min Scan# 1041  
 Delta R.T. -0.00 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

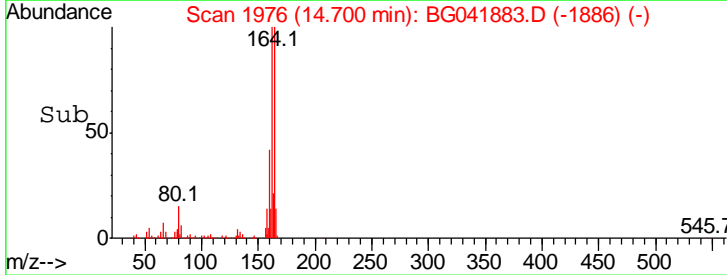
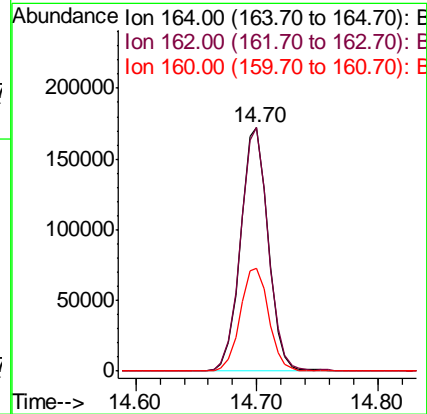
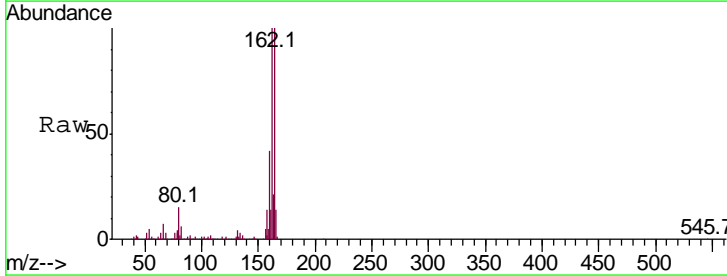
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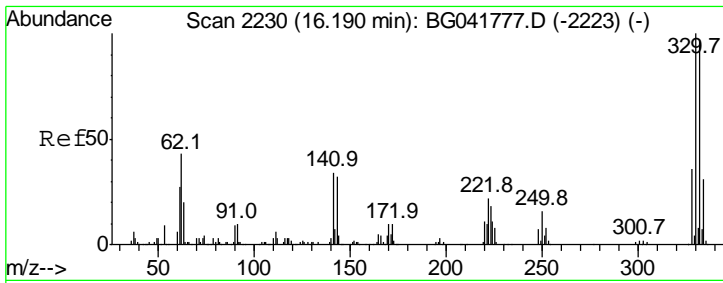
Tgt Ion	Resp	Lower	Upper
82	507534		
82	100		
128	46.8	35.1	52.7
54	54.7	48.7	73.1



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.70 min Scan# 1976  
 Delta R.T. -0.00 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

Tgt Ion	Resp	Lower	Upper
164	274440		
164	100		
162	99.9	79.6	119.4
160	42.5	35.4	53.0

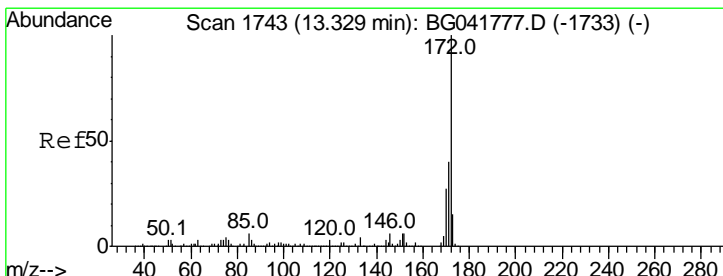
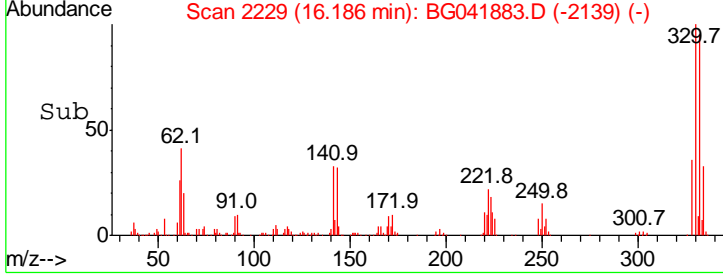
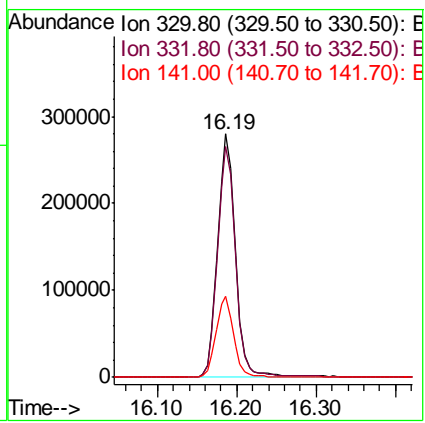
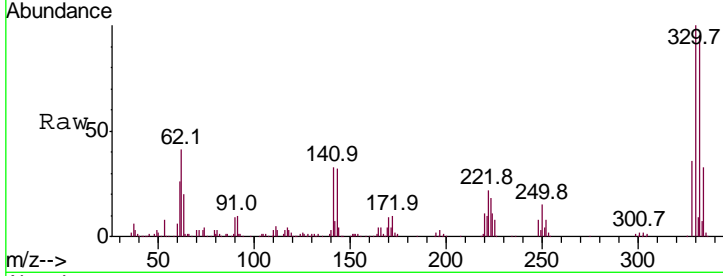




#42  
 2,4,6-Tribromophenol  
 Concen: 140.535 ng  
 RT: 16.19 min Scan# 2229  
 Delta R.T. -0.00 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

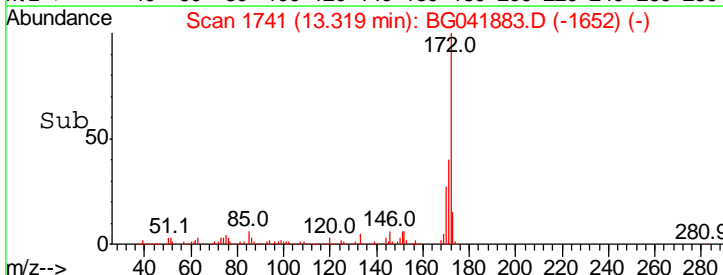
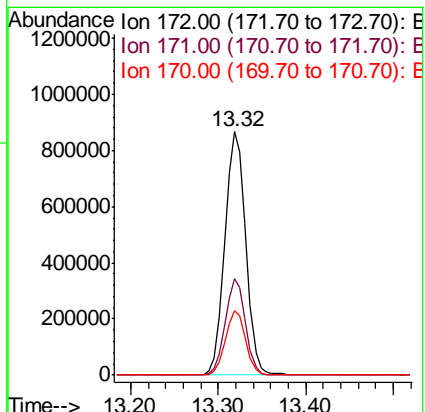
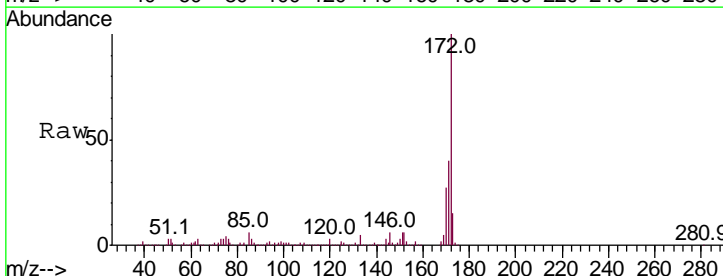
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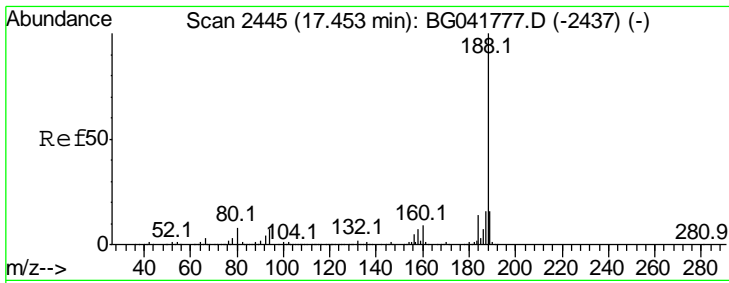
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	32.8	31.9	47.9



#45  
 2-Fluorobiphenyl  
 Concen: 91.689 ng  
 RT: 13.32 min Scan# 1741  
 Delta R.T. -0.01 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

Tgt Ion	Resp	Lower	Upper
172	100		
171	39.7	35.0	52.4
170	26.5	23.5	35.3

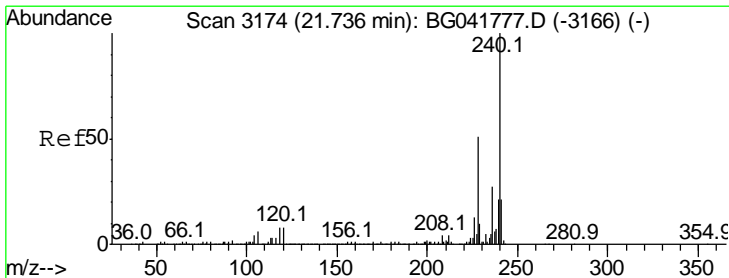
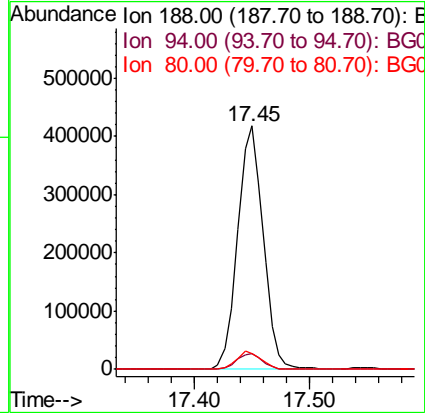
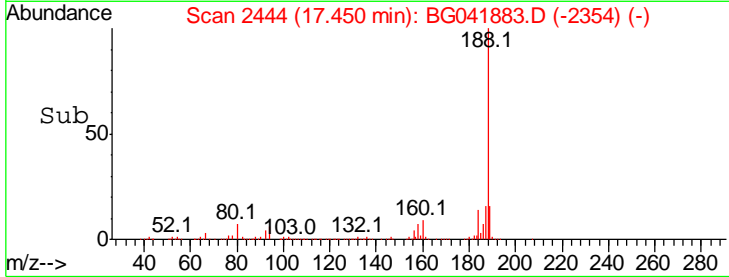
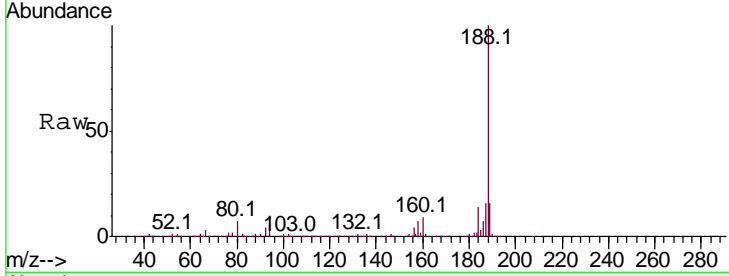




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.45 min Scan# 2444  
 Delta R.T. -0.00 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

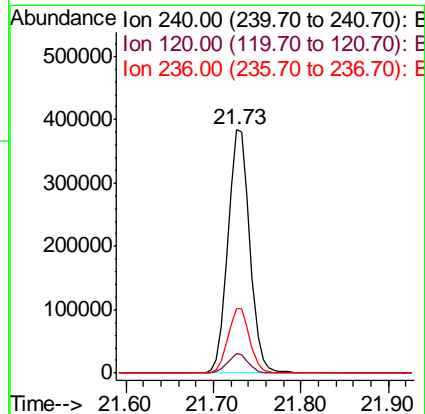
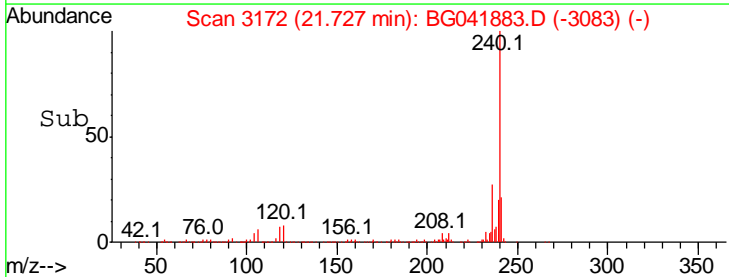
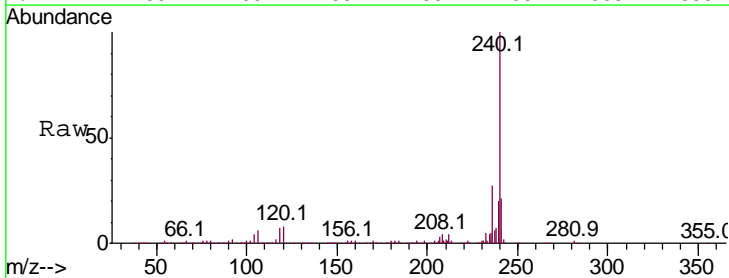
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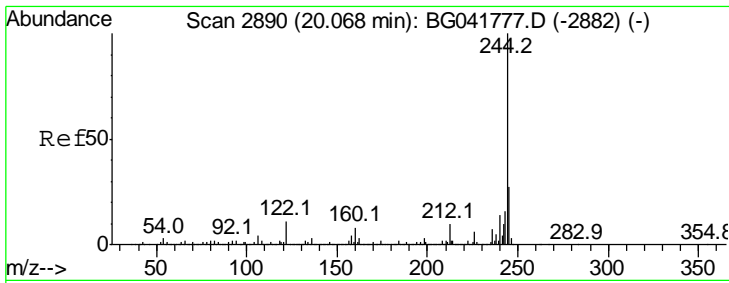
Tgt Ion	Resp	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	6.6	8.0	12.0#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.73 min Scan# 3172  
 Delta R.T. -0.01 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

Tgt Ion	Resp	Lower	Upper
240	100		
120	7.9	8.0	12.0#
236	26.6	22.6	33.8



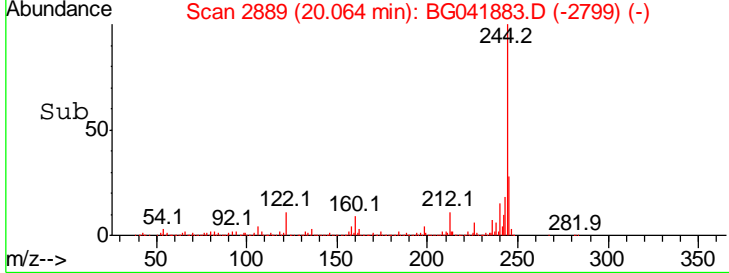
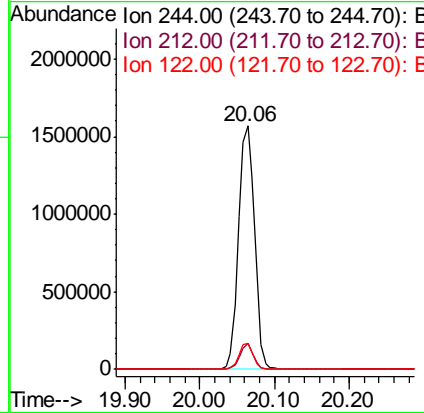
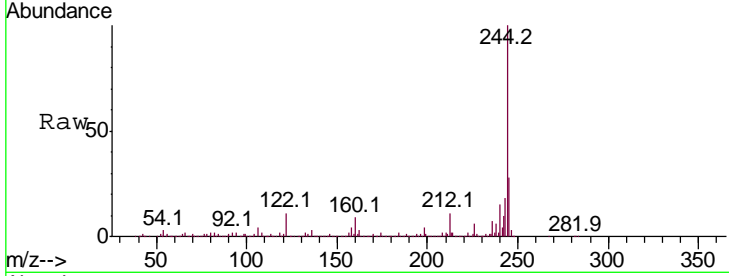


#79  
 Terphenyl-d14  
 Concen: 81.732 ng  
 RT: 20.06 min Scan# 2889  
 Delta R.T. -0.00 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB121888TB

Tgt Ion: 244 Resp: 2354944

Ion	Ratio	Lower	Upper
244	100		
212	10.6	9.7	14.5
122	10.8	12.5	18.7#



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.00 min Scan# 3729  
 Delta R.T. -0.02 min  
 Lab File: BG041883.D  
 Acq: 2 Aug 2019 11:27

Tgt Ion: 264 Resp: 753658

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	18.0	27.0

