

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018046.D
 Acq On : 22 Jul 2015 6:43
 Operator : TP/UM
 Sample : G3027-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-1.0-1.5

Quant Time: Jul 22 07:25:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 04:14:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	53282	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	255369	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	161289	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	328557	20.00	ng	0.00
75) Chrysene-d12	21.16	240	352396	20.00	ng	0.00
86) Perylene-d12	23.36	264	353178	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	431544	141.29	ng	0.00
7) Phenol-d6	6.74	99	636749	159.13	ng	0.00
23) Nitrobenzene-d5	8.70	82	384149	97.43	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	300484	183.88	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	980446	105.34	ng	0.00
78) Terphenyl-d14	19.61	244	1346905	96.28	ng	0.00

Target Compounds

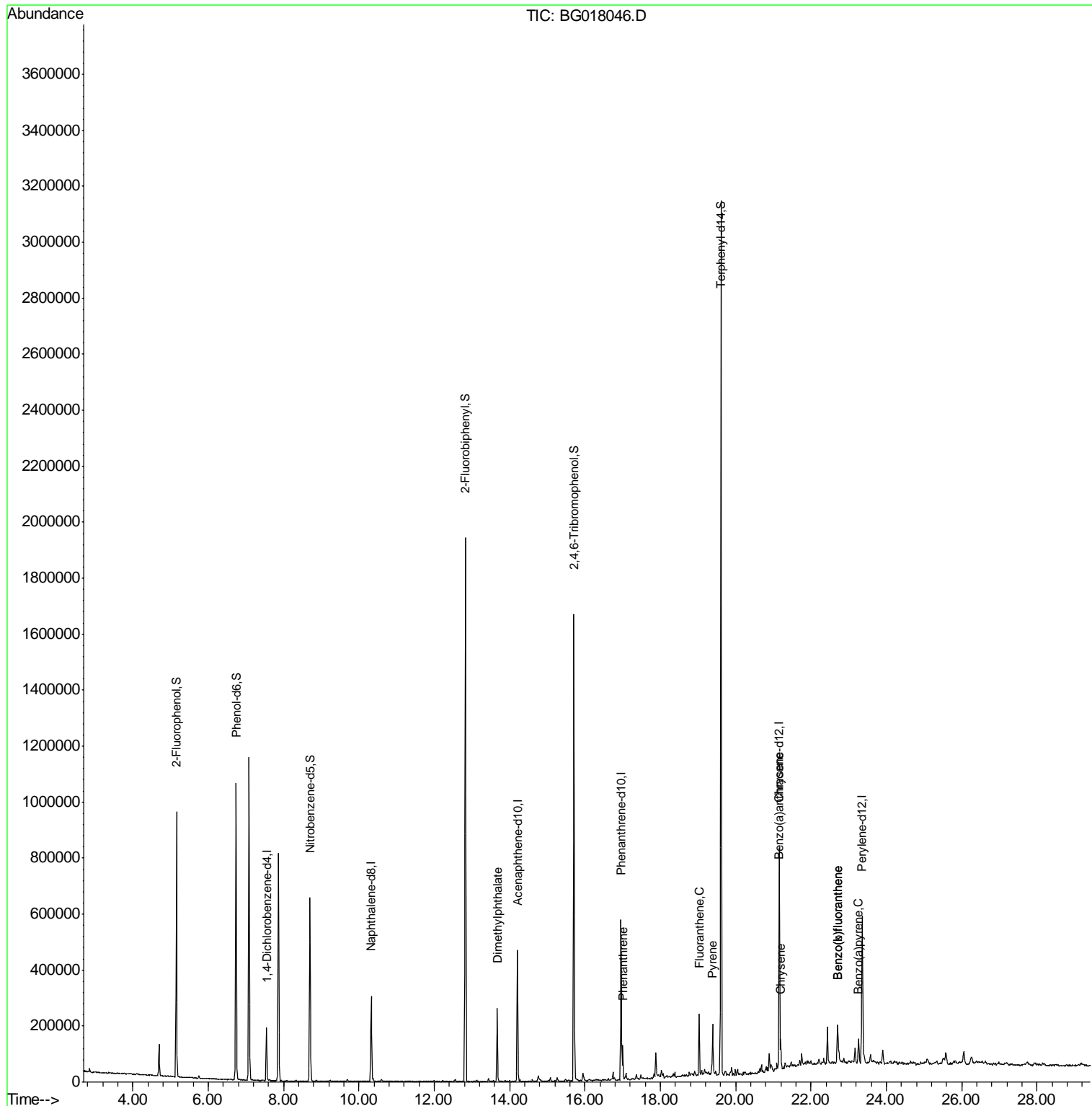
						Qvalue
32) Benzoic acid	9.69	122	55	Below Cal		# 1
49) Dimethylphthalate	13.67	163	171649	15.32	ng	# 98
70) Phenanthrene	17.00	178	71155	4.20	ng	95
74) Fluoranthene	19.03	202	125231	6.75	ng	95
77) Pyrene	19.39	202	108529	5.52	ng	94
80) Benzo(a)anthracene	21.15	228	57018	3.06	ng	97
82) Chrysene	21.20	228	57567	3.25	ng	95
87) Benzo(b)fluoranthene	22.70	252	104391	5.40	ng	96
88) Benzo(k)fluoranthene	22.70	252	104391	5.41	ng	97
89) Benzo(a)pyrene	23.26	252	53936	3.00	ng	96

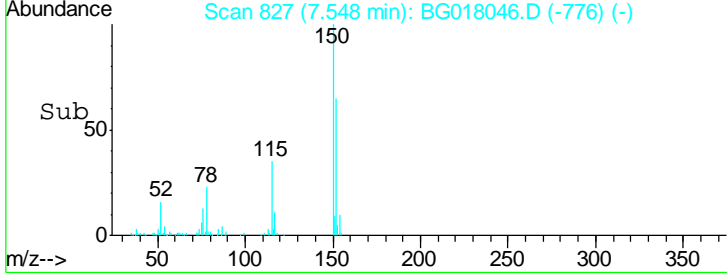
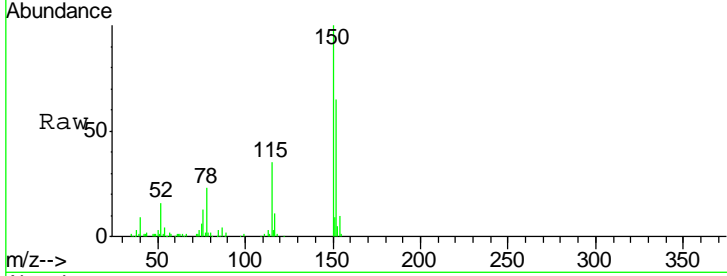
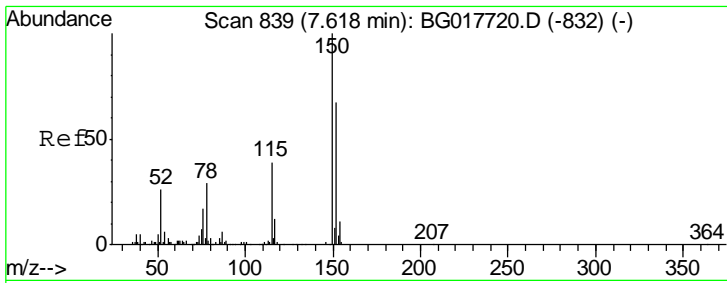
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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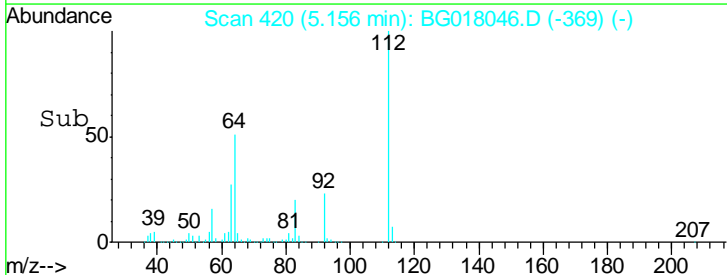
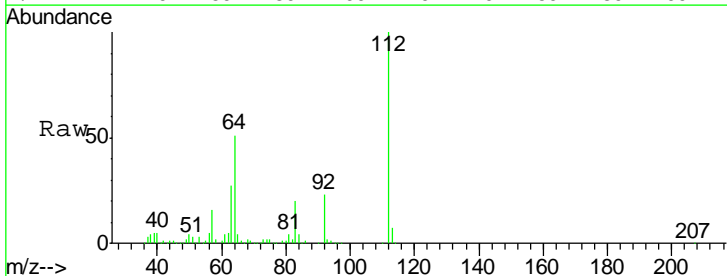
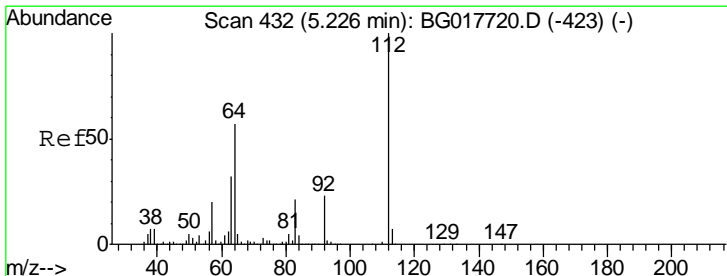
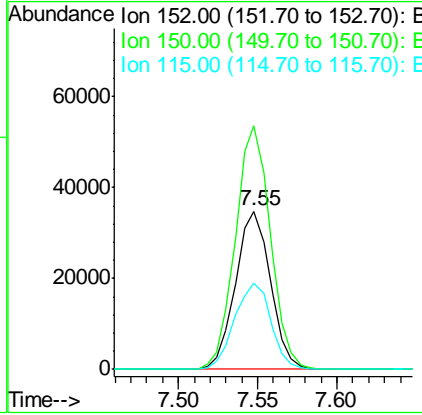




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.55 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

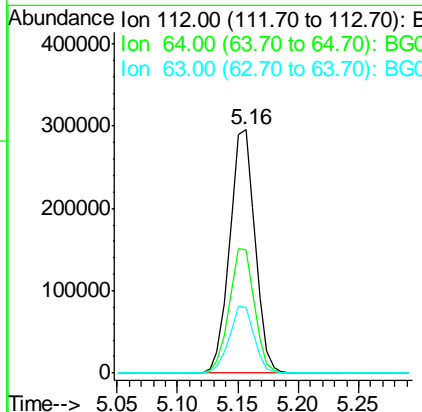
Instrument :
 BNA_G
ClientSampled :
 SB-06-1.0-1.5

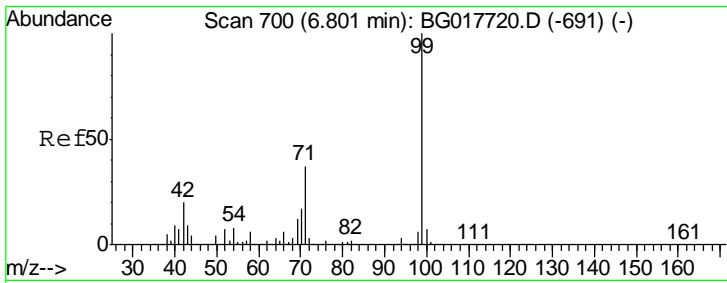
Tgt Ion	Resp	Lower	Upper
152	53282		
152	100		
150	153.8	119.1	178.7
115	54.2	47.0	70.4



#5
 2-Fluorophenol
 Concen: 141.29 ng
 RT: 5.16 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Lower	Upper
112	431544		
112	100		
64	50.6	45.4	68.0
63	27.0	25.3	37.9

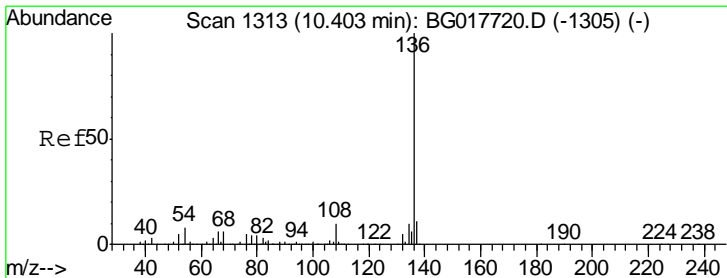
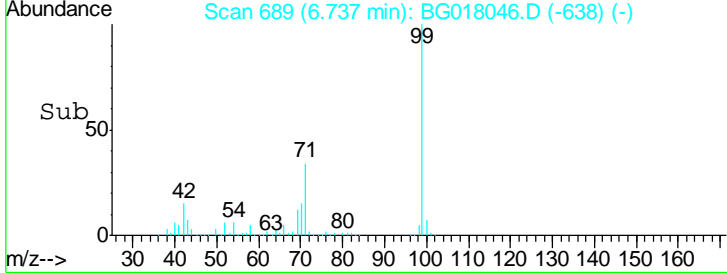
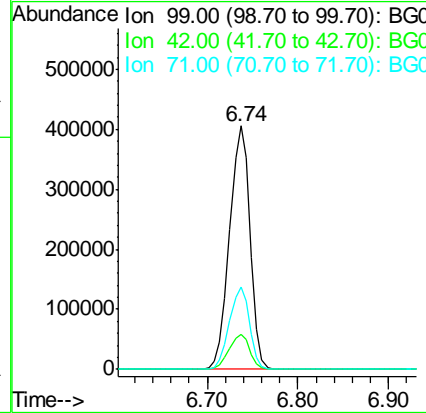
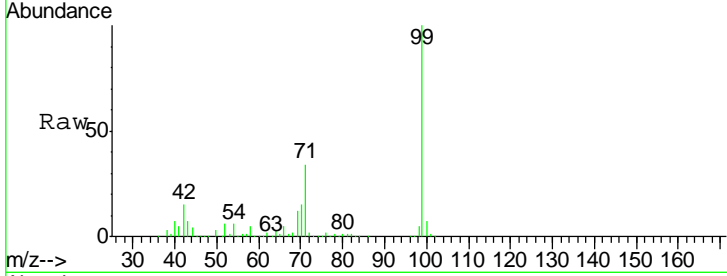




#7
 Phenol-d6
 Concen: 159.13 ng
 RT: 6.74 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

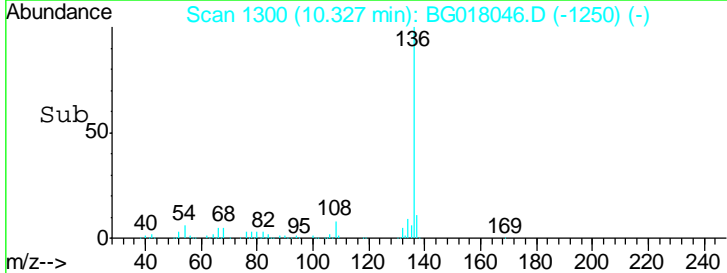
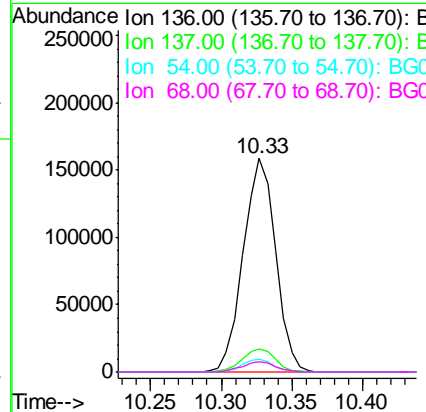
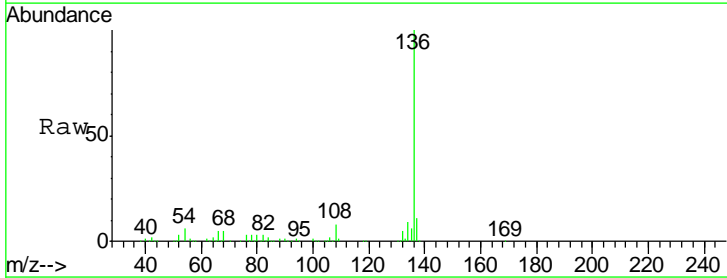
Instrument :
 BNA_G
 ClientSampled :
 SB-06-1.0-1.5

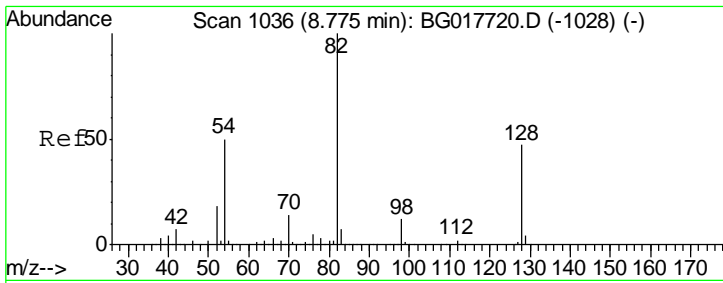
Tgt Ion	Resp	Lower	Upper
99	100		
42	14.6	16.2	24.4#
71	33.8	29.5	44.3



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.33 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.0	6.6	9.8#
68	4.9	5.1	7.7#

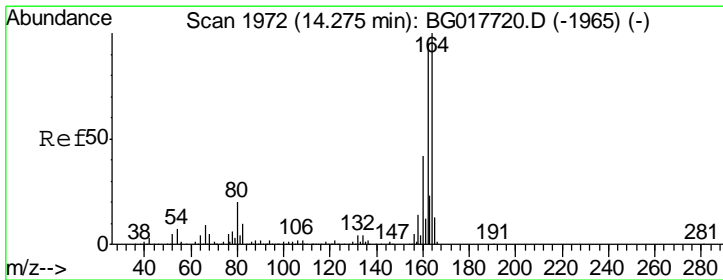
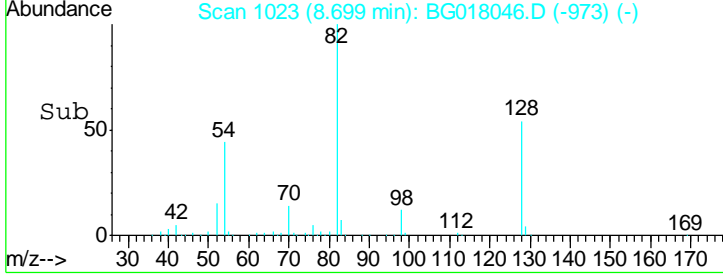
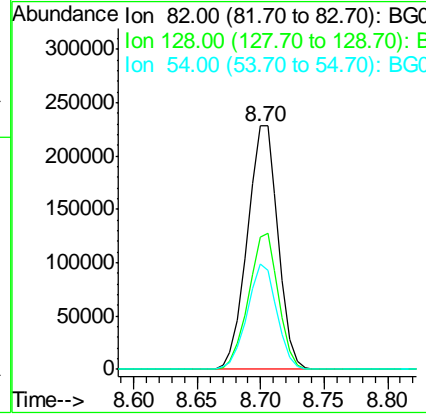
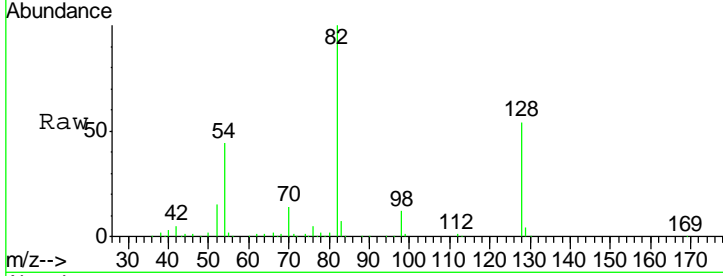




#23
 Nitrobenzene-d5
 Concen: 97.43 ng
 RT: 8.70 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

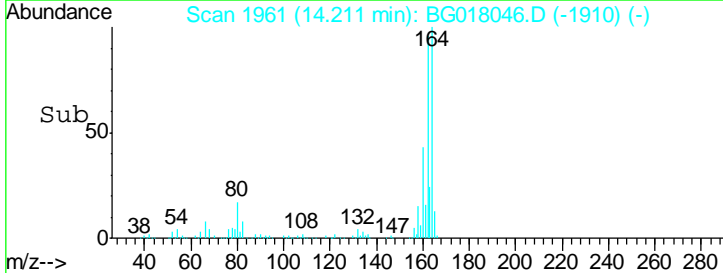
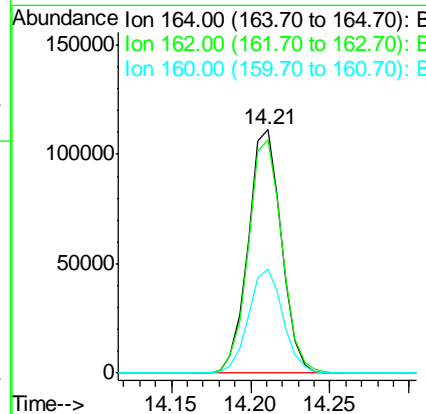
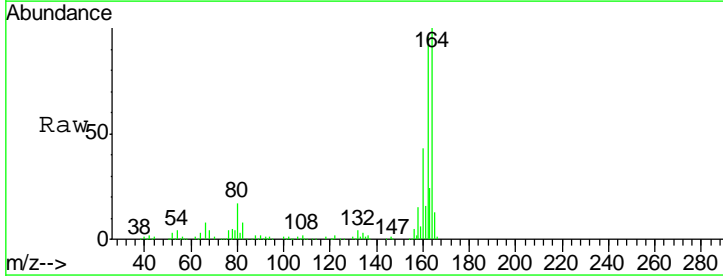
Instrument :
 BNA_G
ClientSampled :
 SB-06-1.0-1.5

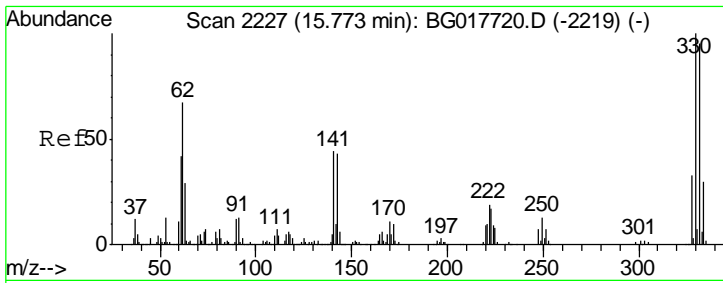
Tgt Ion	Resp	Lower	Upper
82	384149		
128	54.3	37.8	56.6
54	43.5	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Lower	Upper
164	161289		
162	96.0	76.3	114.5
160	43.0	33.7	50.5

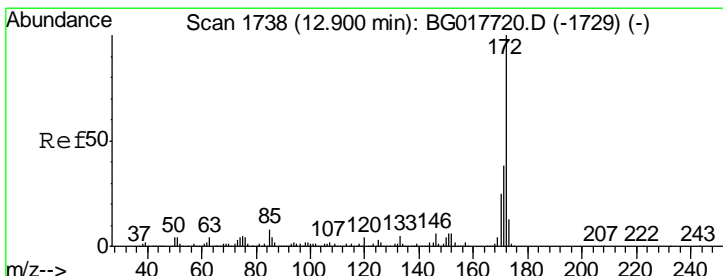
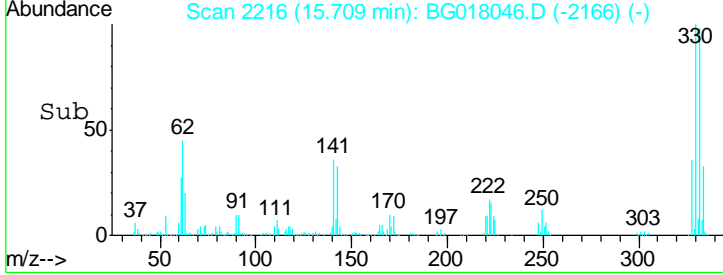
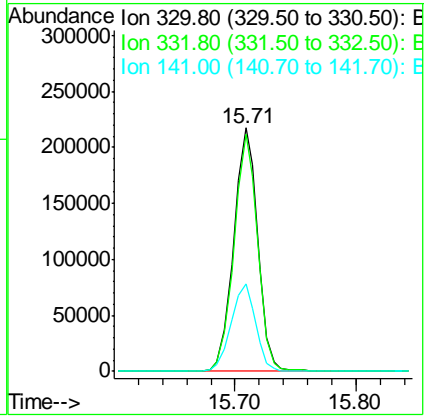
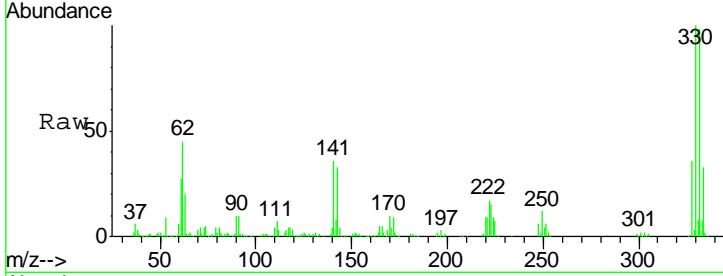




#41
 2,4,6-Tribromophenol
 Concen: 183.88 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

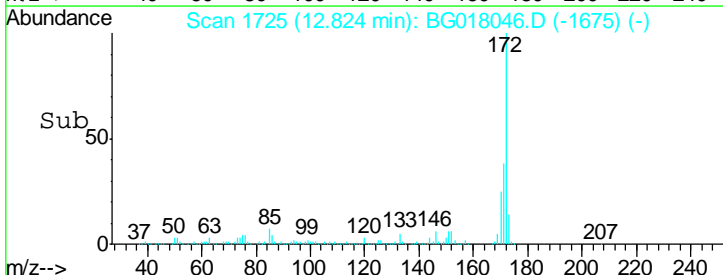
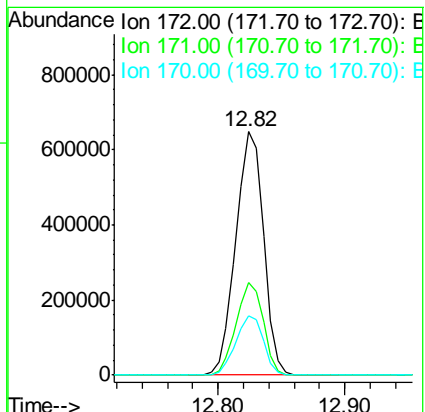
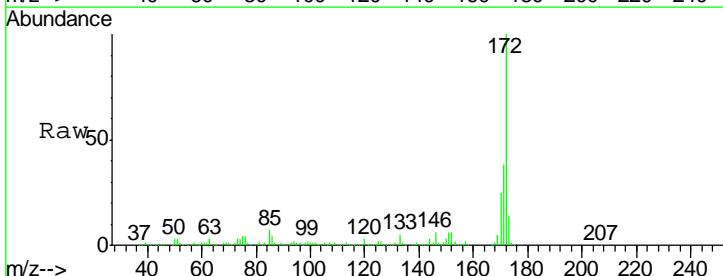
Instrument :
 BNA_G
 ClientSampleId :
 SB-06-1.0-1.5

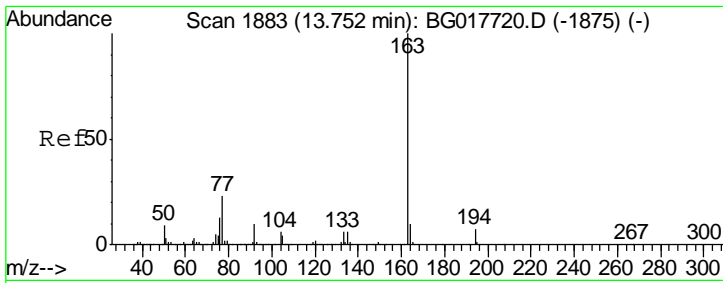
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	37.0	38.0	57.0#



#44
 2-Fluorobiphenyl
 Concen: 105.34 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Lower	Upper
172	100		
171	38.1	30.7	46.1
170	24.5	19.7	29.5

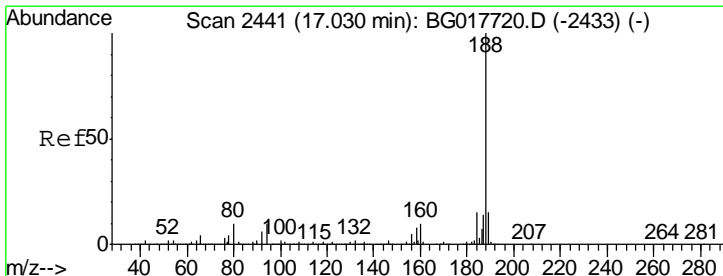
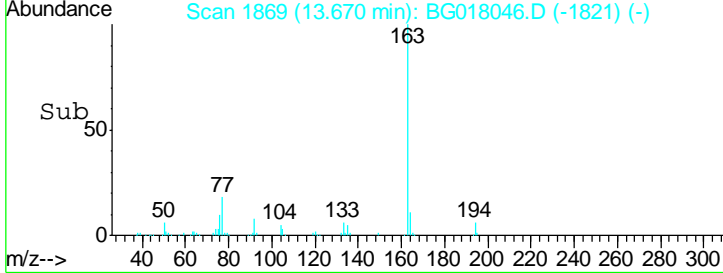
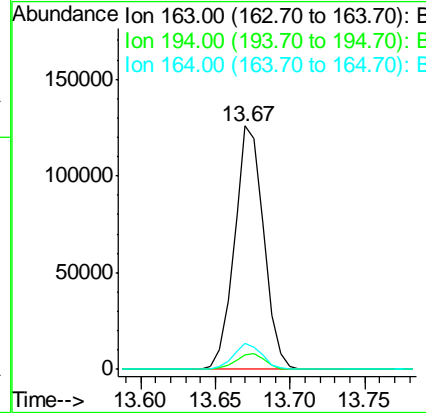
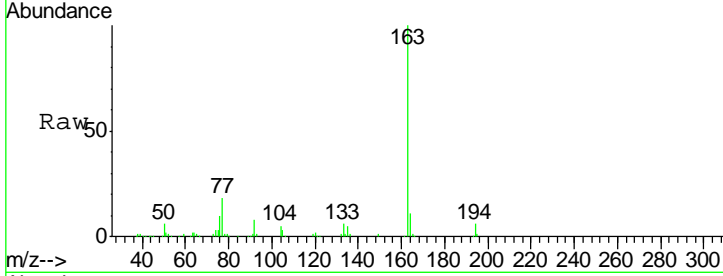




#49
 Dimethylphthalate
 Concen: 15.32 ng
 RT: 13.67 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

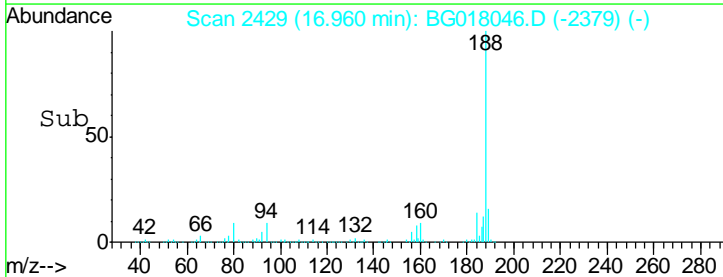
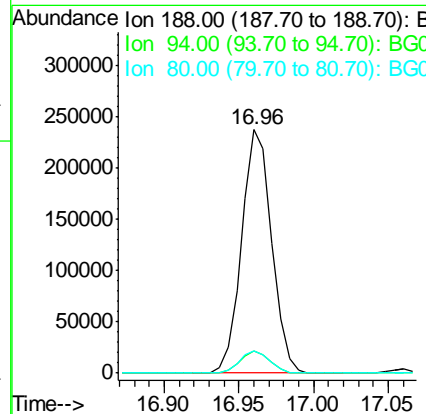
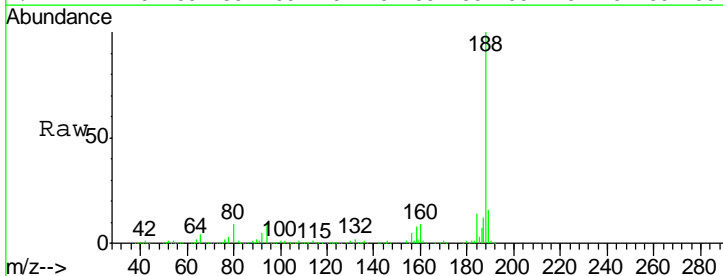
Instrument :
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 ClientSampled :
 SB-06-1.0-1.5

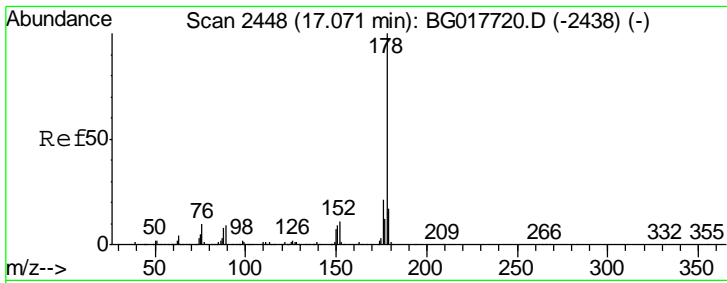
Tgt Ion	Resp	Lower	Upper
163	171649		
194	5.7	5.8	8.6#
164	10.7	8.3	12.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.96 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Lower	Upper
188	328557		
94	9.3	8.2	12.2
80	9.2	8.2	12.4

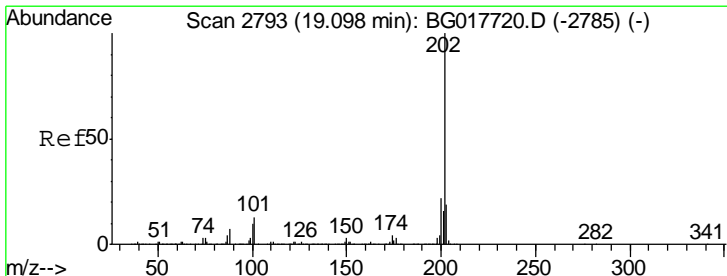
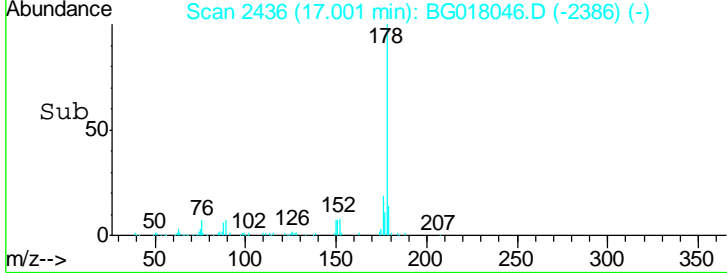
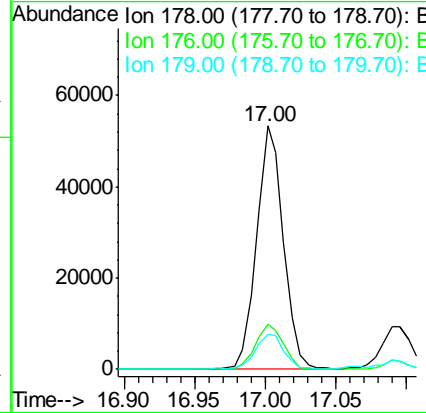
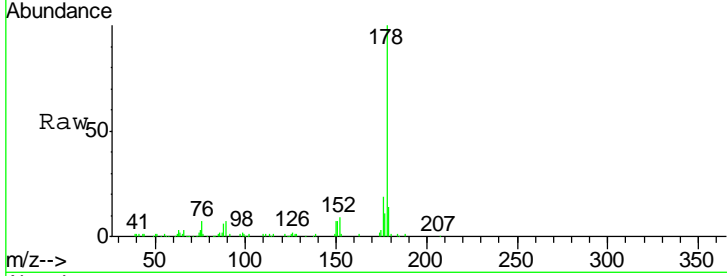




#70
 Phenanthrene
 Concen: 4.20 ng
 RT: 17.00 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

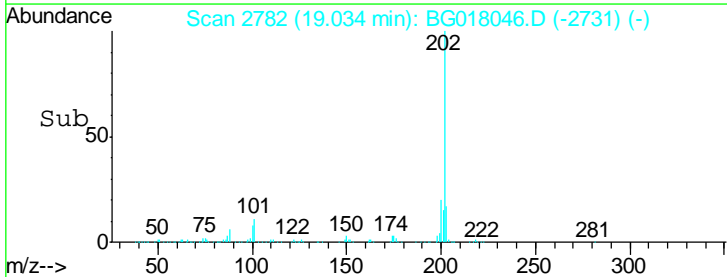
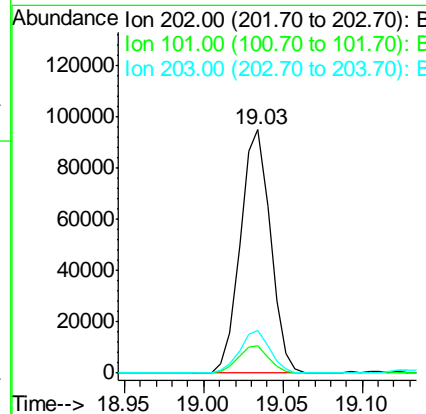
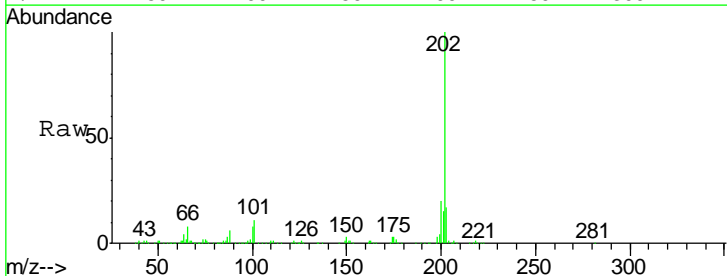
Instrument :
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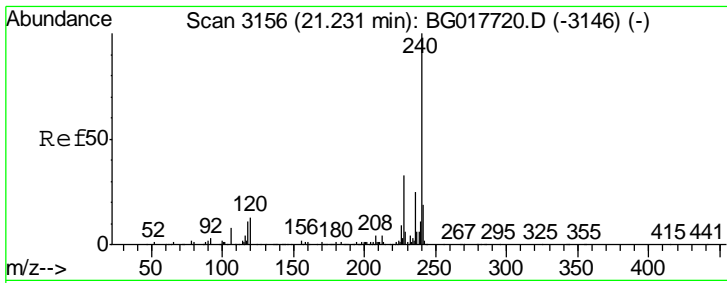
Tgt Ion	Resp	Ion Ratio	Lower	Upper
178	71155	100		
176		18.6	16.5	24.7
179		14.4	13.5	20.3



#74
 Fluoranthene
 Concen: 6.75 ng
 RT: 19.03 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Ion Ratio	Lower	Upper
202	125231	100		
101		11.2	0.0	33.3
203		17.3	0.0	39.5

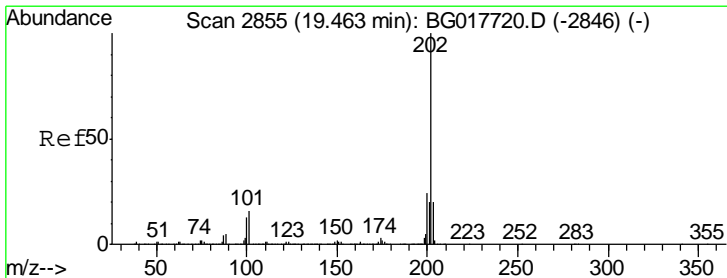
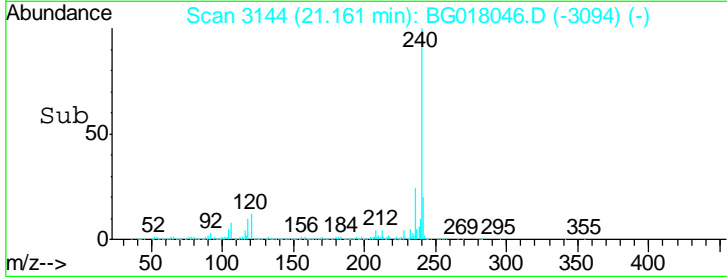
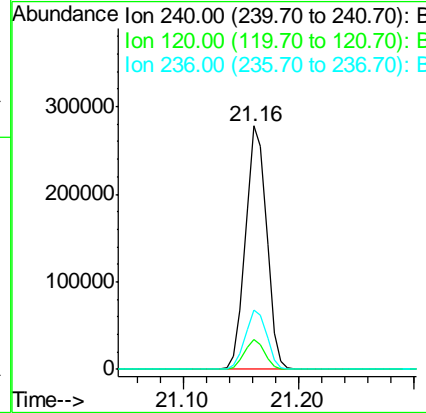
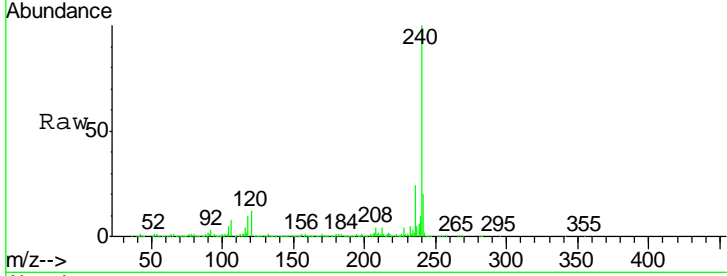




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

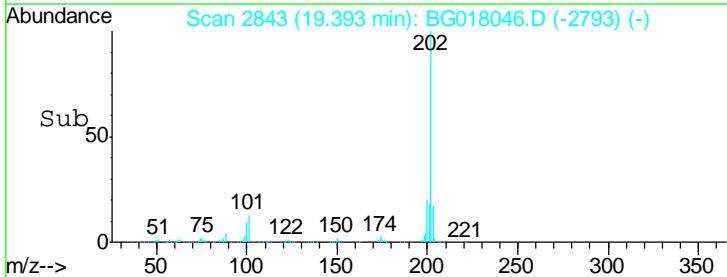
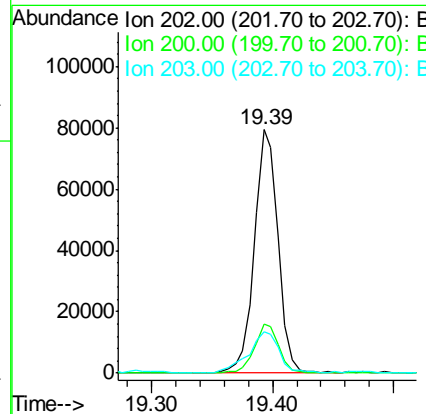
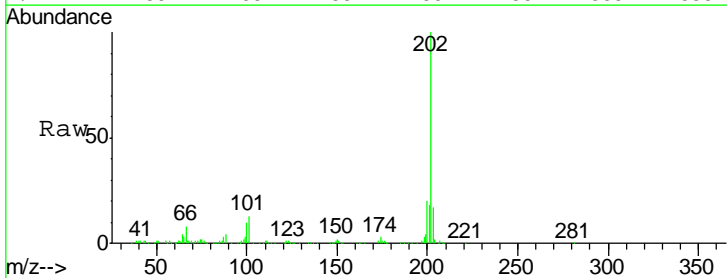
Instrument :
 BNA_G
 ClientSampled :
 SB-06-1.0-1.5

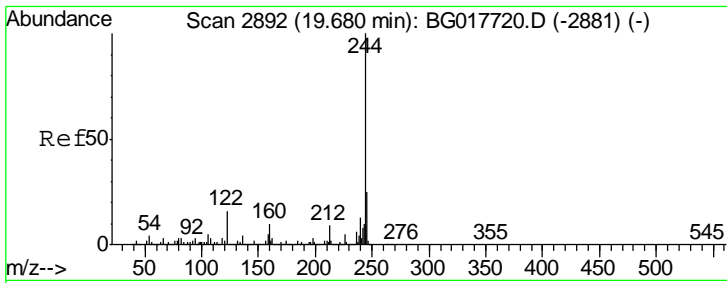
Tgt Ion	Resp	Lower	Upper
240	352396		
120	12.1	10.8	16.2
236	24.5	20.0	30.0



#77
 Pyrene
 Concen: 5.52 ng
 RT: 19.39 min Scan# 2843
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Lower	Upper
202	108529		
200	20.4	18.8	28.2
203	17.0	15.9	23.9

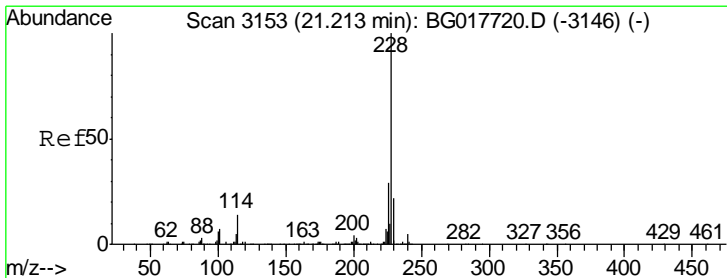
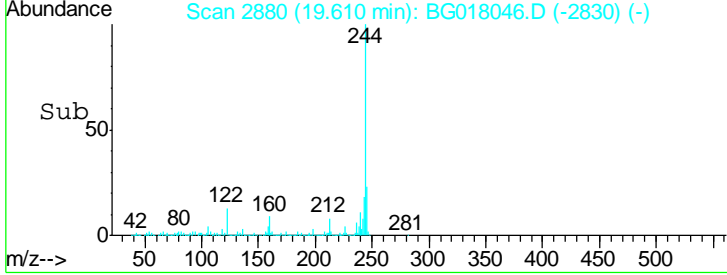
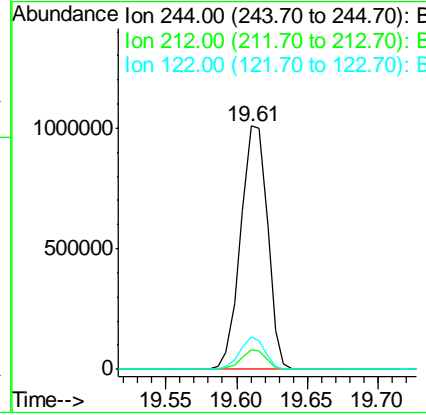
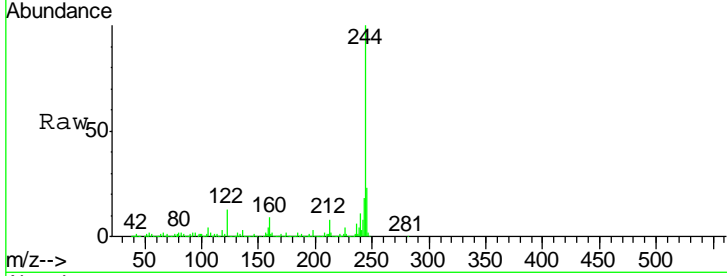




#78
 Terphenyl-d14
 Concen: 96.28 ng
 RT: 19.61 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

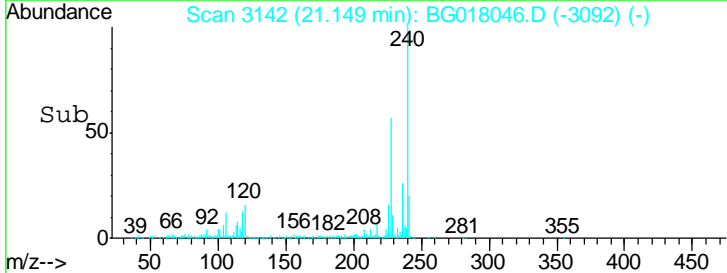
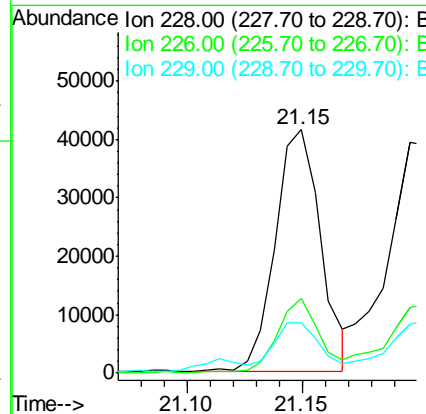
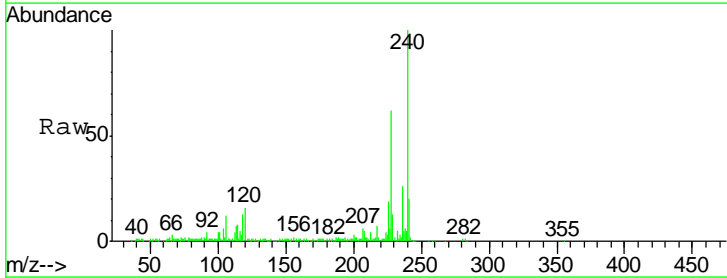
Instrument :
 BNA_G
 ClientSampled :
 SB-06-1.0-1.5

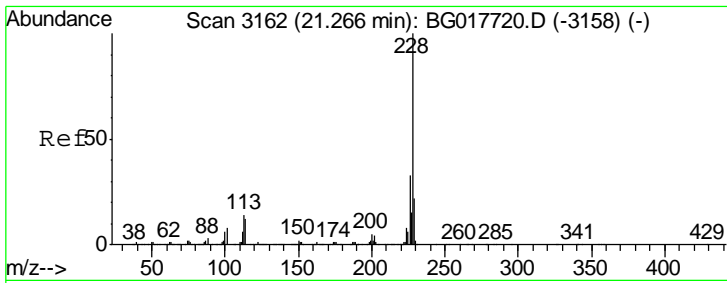
Tgt Ion	Resp	Lower	Upper
244	1346905		
212	8.1	7.2	10.8
122	13.5	12.8	19.2



#80
 Benzo(a)anthracene
 Concen: 3.06 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Lower	Upper
228	57018		
226	30.5	23.1	34.7
229	20.7	17.4	26.0

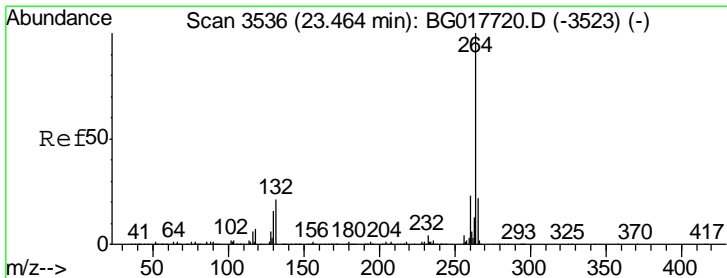
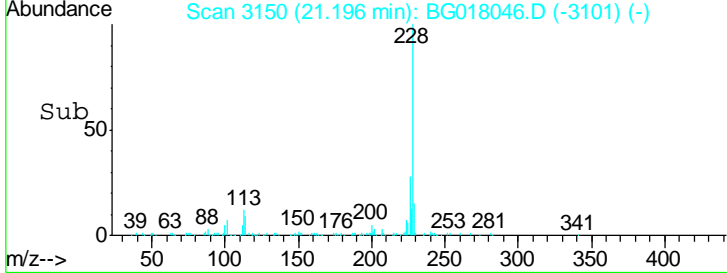
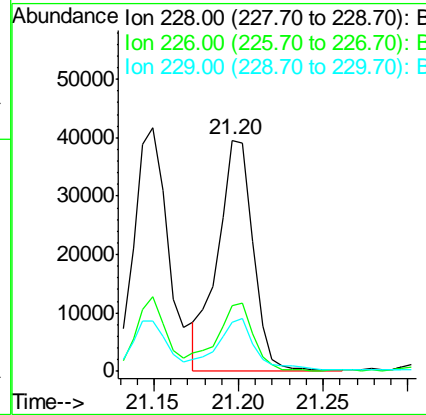
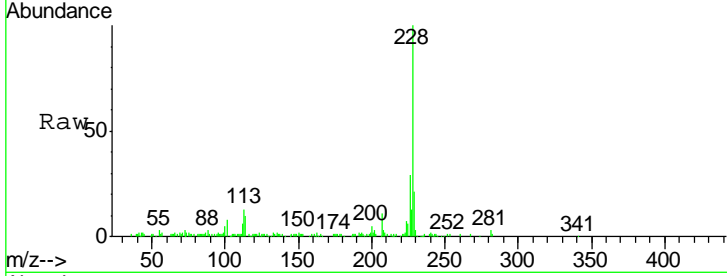




#82
 Chrysene
 Concen: 3.25 ng
 RT: 21.20 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

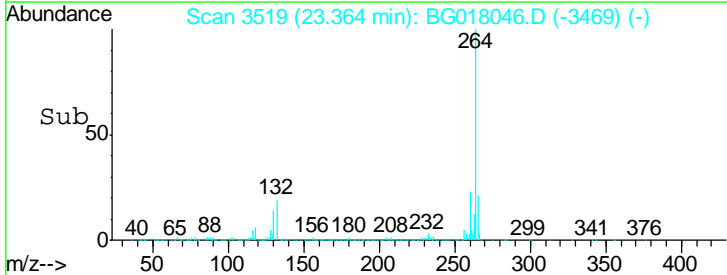
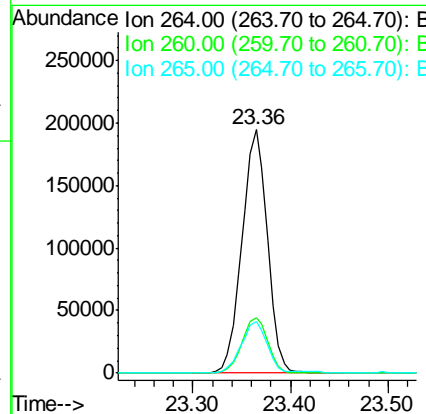
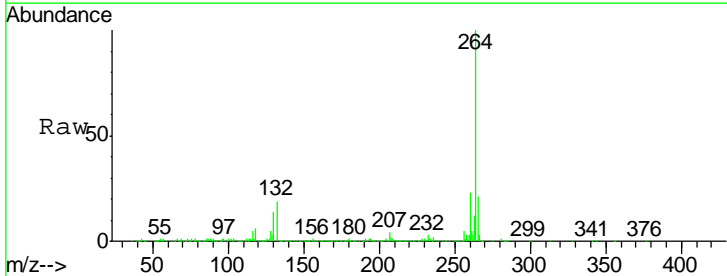
Instrument :
 BNA_G
 ClientSampleId :
 SB-06-1.0-1.5

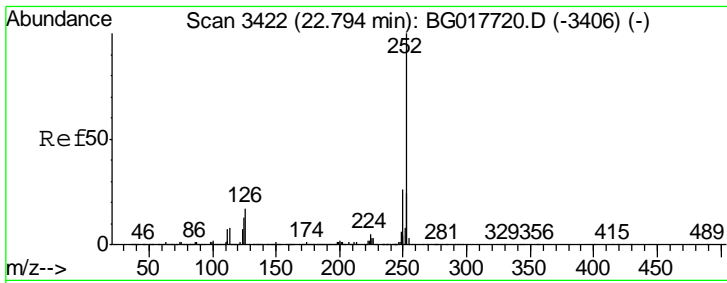
Tgt Ion	Resp	Lower	Upper
228	100		
226	28.5	26.1	39.1
229	21.1	17.7	26.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.36 min Scan# 3519
 Delta R.T. -0.00 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.1	18.2	27.2

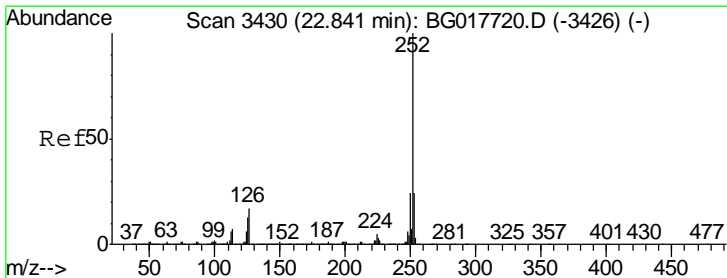
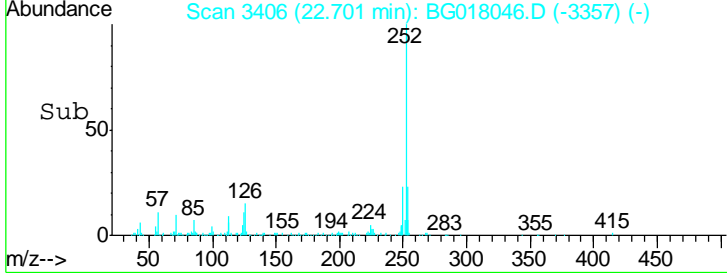
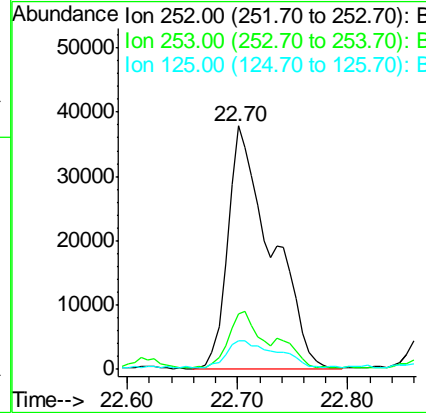
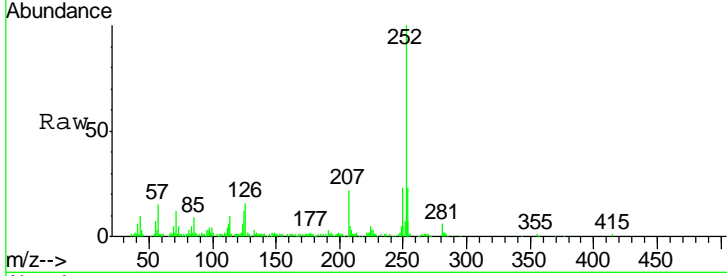




#87
 Benzo(b)fluoranthene
 Concen: 5.40 ng
 RT: 22.70 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

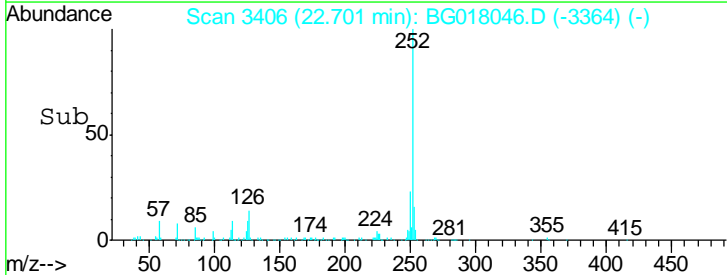
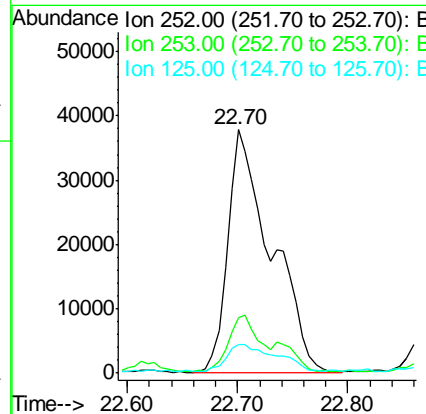
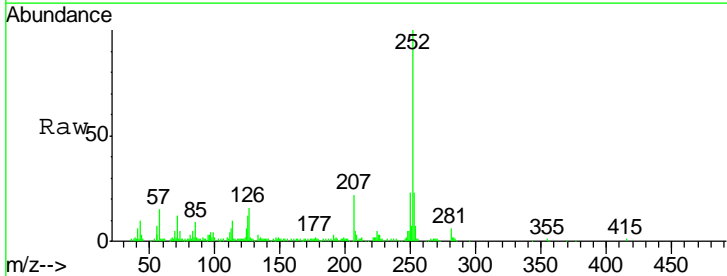
Instrument :
 BNA_G
 ClientSampleId :
 SB-06-1.0-1.5

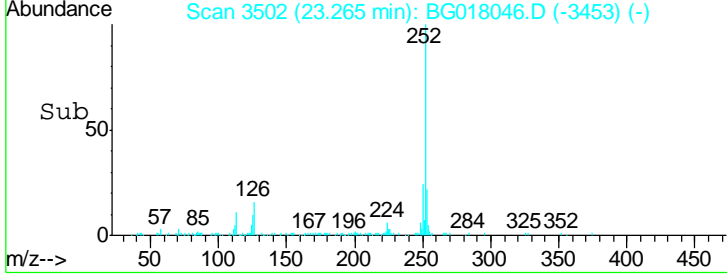
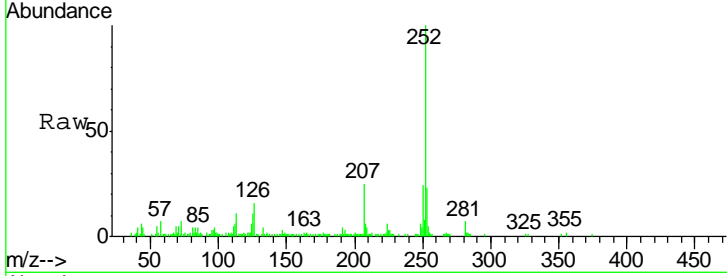
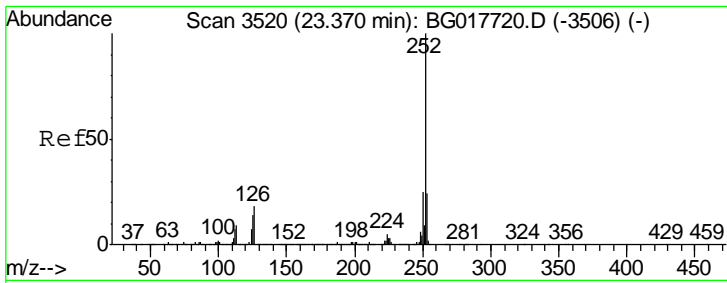
Tgt Ion	Resp	Lower	Upper
252	104391		
253	22.7	19.7	29.5
125	11.6	10.6	15.8



#88
 Benzo(k)fluoranthene
 Concen: 5.41 ng
 RT: 22.70 min Scan# 3406
 Delta R.T. -0.05 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Tgt Ion	Resp	Lower	Upper
252	104391		
253	22.7	19.0	28.6
125	11.6	10.3	15.5





#89
 Benzo(a)pyrene
 Concen: 3.00 ng
 RT: 23.26 min Scan# 3502
 Delta R.T. -0.01 min
 Lab File: BG018046.D
 Acq: 22 Jul 2015 6:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-1.0-1.5

Tgt Ion: 252 Resp: 53936

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.6
125	11.2	11.1	16.7

