

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
 Data File : BG016206.D
 Acq On : 31 Mar 2015 18:54
 Operator : TP/IZ
 Sample : G1647-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 01 05:32:31 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 04:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	76463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	345615	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	208093	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	417080	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	397664	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	390196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.94	99	190137	27.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	111975	27.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	144923	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	149427	27.36	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	80480	27.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	87251	26.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	135482	25.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	173996	24.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	398872	29.00	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	522649	27.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	86381	24.91	ng/ul	0.00
57) Fluorene-d10	15.39	176	364171	27.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	67515	23.69	ng/ul	0.00
70) Anthracene-d10	17.23	188	507121	26.46	ng/ul	0.00
76) Pyrene-d10	19.53	212	491502	27.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	417089	23.69	ng/ul	0.00

Target Compounds

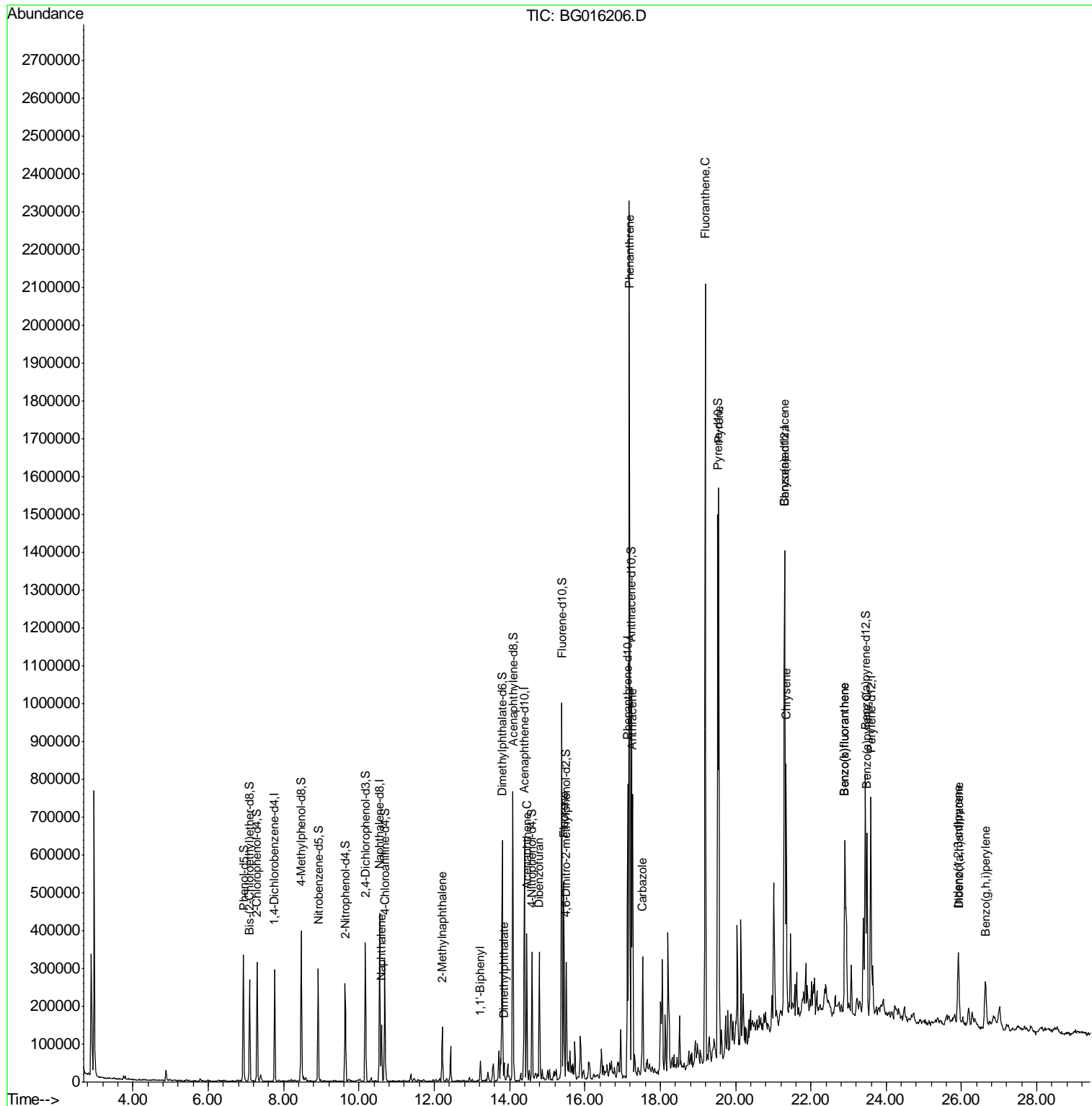
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.60	128	119569	6.43	ng/ul	98
34) 2-Methylnaphthalene	12.21	142	64886	4.93	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	21622	1.30	ng/ul	97
44) Dimethylphthalate	13.85	163	26892	1.74	ng/ul#	95
49) Acenaphthene	14.46	153	148334	10.22	ng/ul	99
53) Dibenzofuran	14.79	168	179340	9.51	ng/ul	98
58) Fluorene	15.44	166	211423	12.80	ng/ul	98
69) Phenanthrene	17.18	178	1244249	52.55	ng/ul	96
71) Anthracene	17.27	178	424598	17.54	ng/ul	100
72) Carbazole	17.54	167	177310	7.59	ng/ul	99
74) Fluoranthene	19.19	202	1067971	40.58	ng/ul	98
77) Pyrene	19.56	202	837094	33.91	ng/ul	98
80) Benzo(a)anthracene	21.30	228	385159	16.73	ng/ul	99
82) Chrysene	21.34	228	322831	15.10	ng/ul	97
85) Benzo(b)fluoranthene	22.90	252	365719	15.69	ng/ul	97
86) Benzo(k)fluoranthene	22.90	252	150149	6.69	ng/ul	100
88) Benzo(a)pyrene	23.49	252	299567	13.48	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	174973	6.74	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.92	278	45704	2.11	ng/ul#	76
91) Benzo(g,h,i)perylene	26.63	276	137397	6.47	ng/ul	99

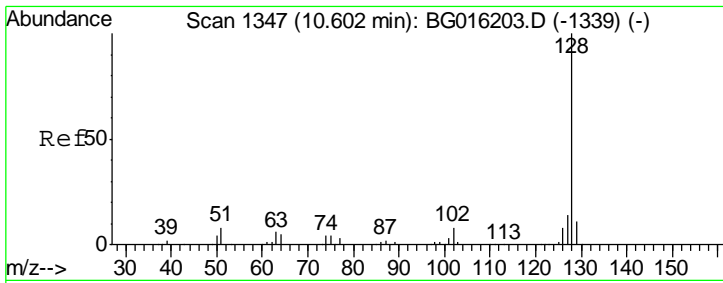
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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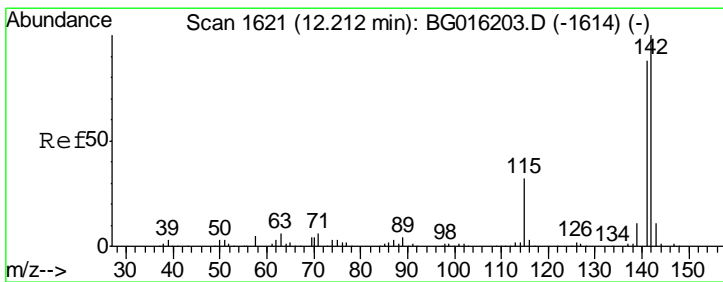
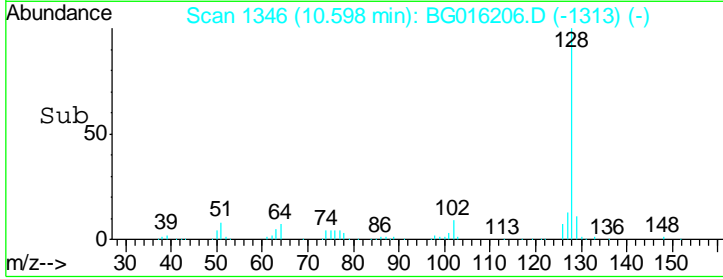
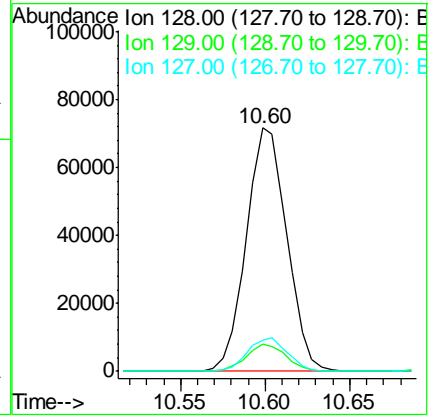
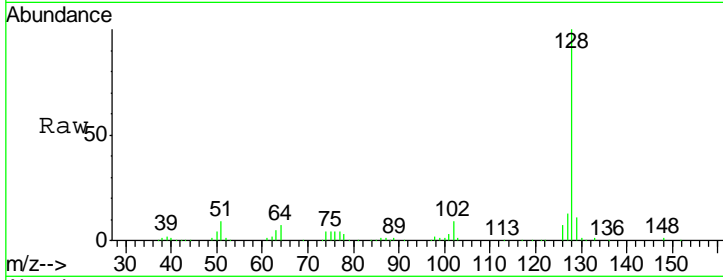




#28
 Naphthalene
 Concen: 6.43 ng/ul
 RT: 10.60 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

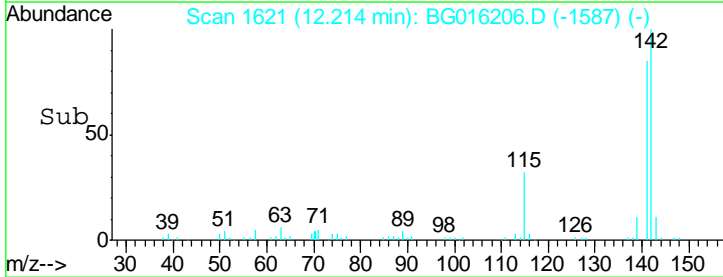
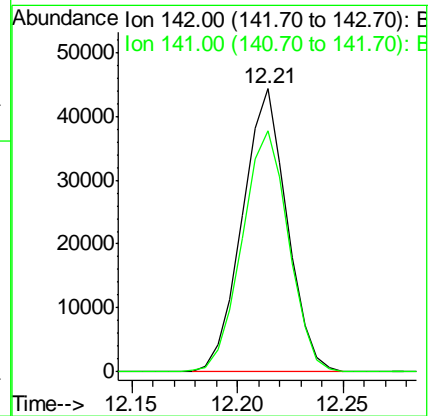
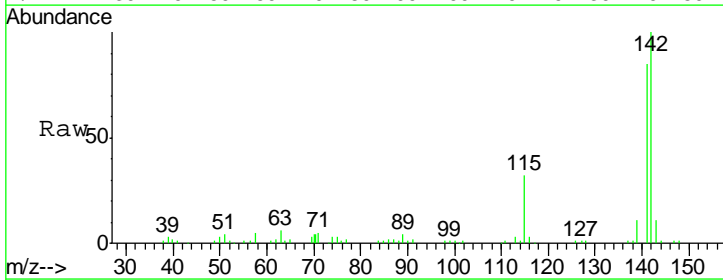
Instrument :
 BNA_G
 ClientSampled :

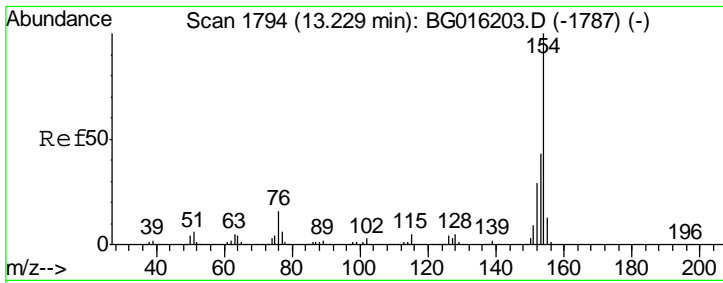
Tgt Ion	Resp	Lower	Upper
128	119569		
129	11.2	9.2	13.8
127	12.9	11.4	17.0



#34
 2-Methylnaphthalene
 Concen: 4.93 ng/ul
 RT: 12.21 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
142	64886		
141	85.2	69.7	104.5

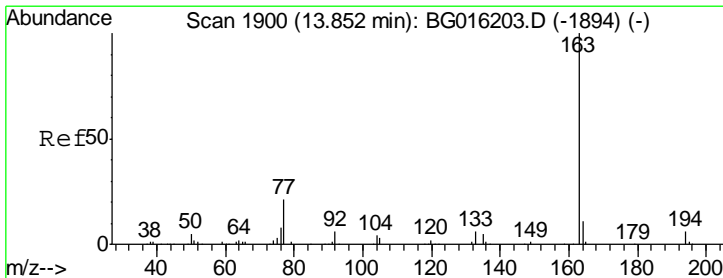
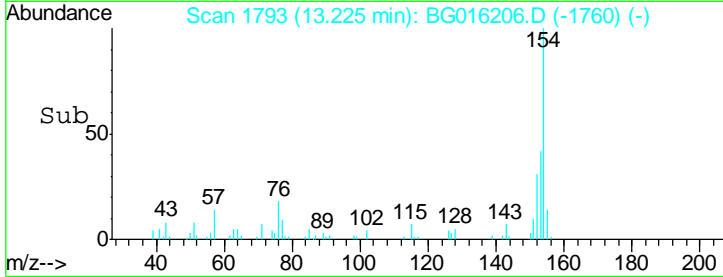
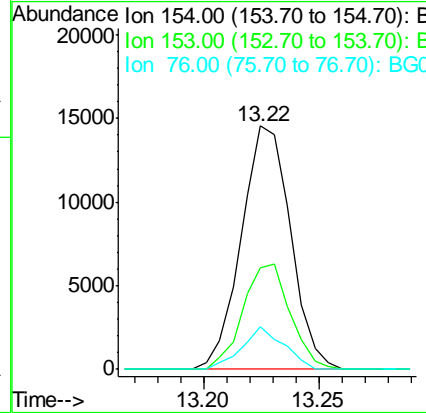
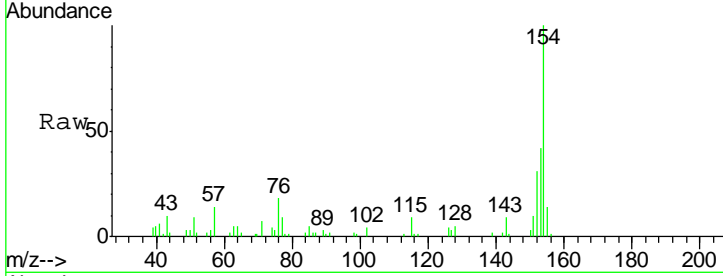




#40
 1,1'-Biphenyl
 Concen: 1.30 ng/ul
 RT: 13.22 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

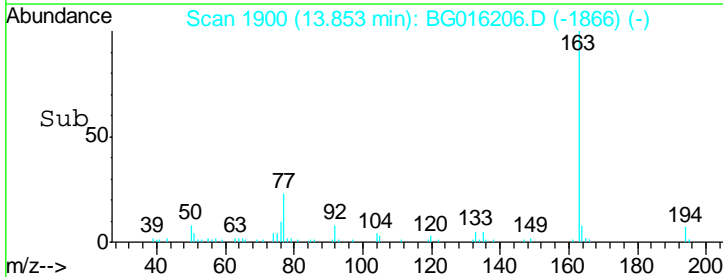
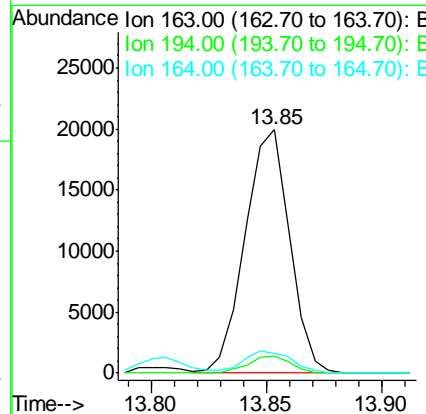
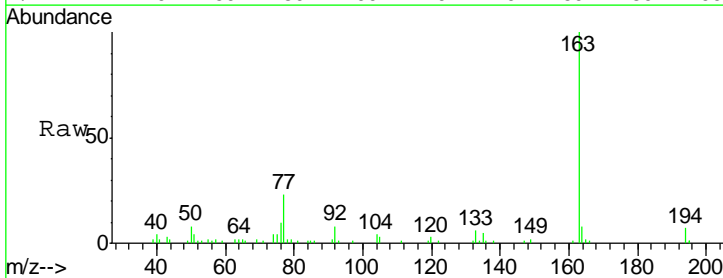
Instrument :
 BNA_G
 ClientSampled :

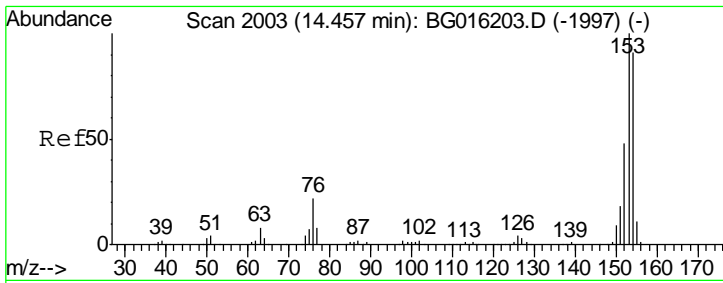
Tgt Ion	Resp	Lower	Upper
154	21622		
153	41.8	34.5	51.7
76	17.6	11.8	17.8



#44
 Dimethylphthalate
 Concen: 1.74 ng/ul
 RT: 13.85 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
163	26892		
194	6.8	4.8	7.2
164	7.9	8.2	12.2#

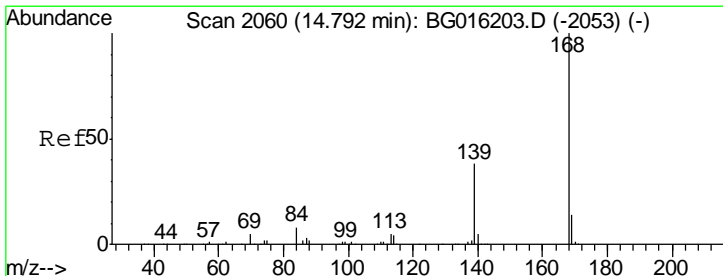
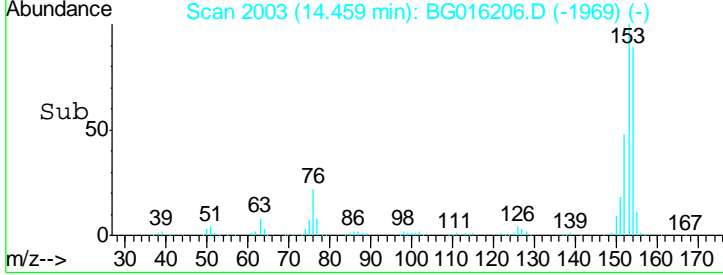
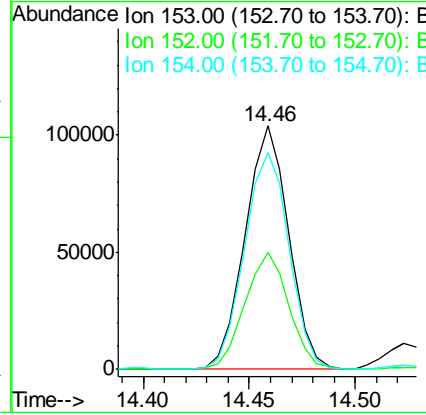
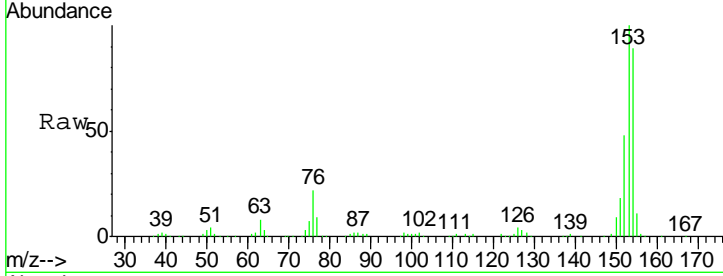




#49
 Acenaphthene
 Concen: 10.22 ng/ul
 RT: 14.46 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

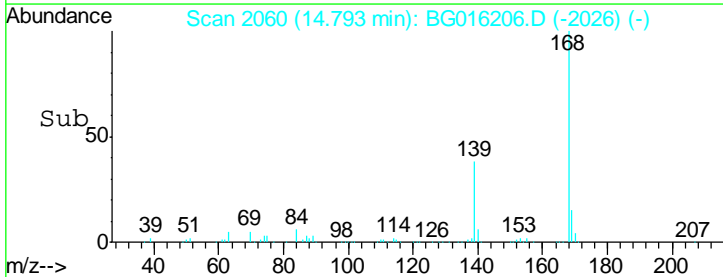
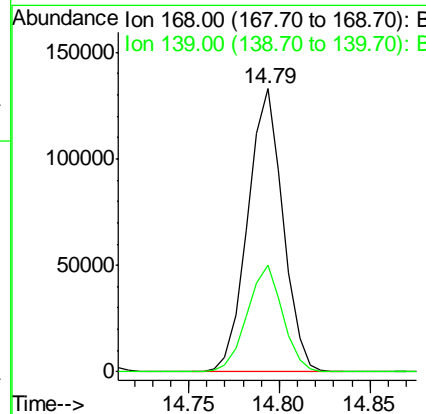
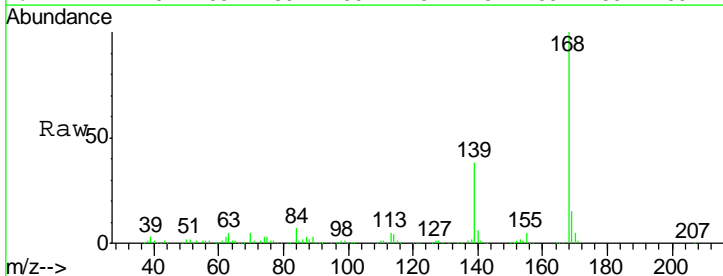
Instrument :
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 ClientSampled :

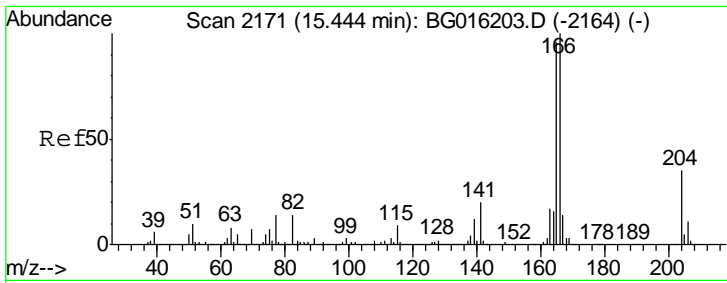
Tgt Ion	Resp	Lower	Upper
153	148334		
152	48.3	39.0	58.4
154	89.2	72.5	108.7



#53
 Dibenzofuran
 Concen: 9.51 ng/ul
 RT: 14.79 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
168	179340		
139	37.9	31.4	47.0

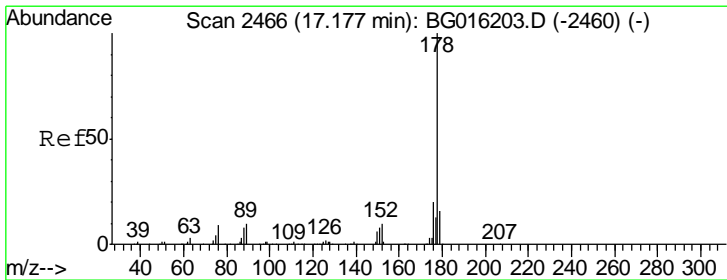
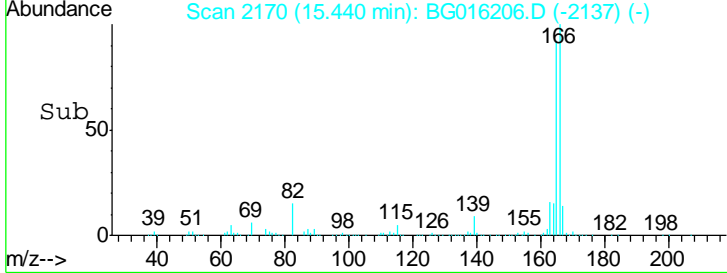
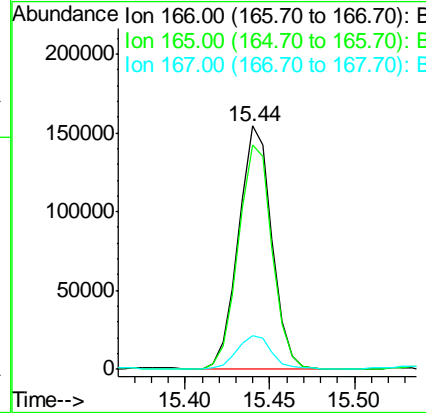
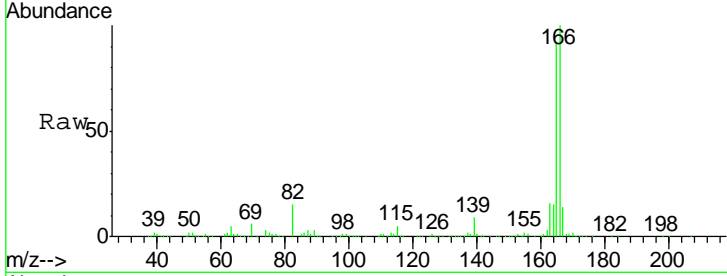




#58
 Fluorene
 Concen: 12.80 ng/ul
 RT: 15.44 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

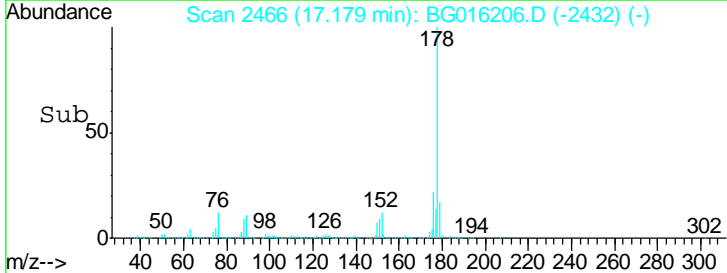
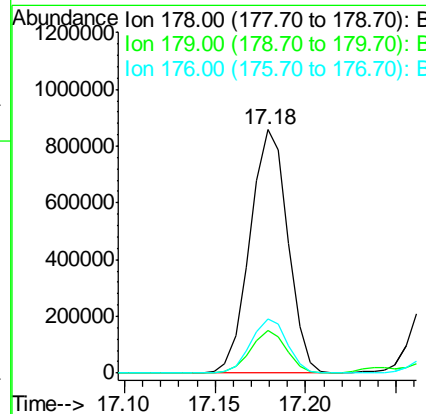
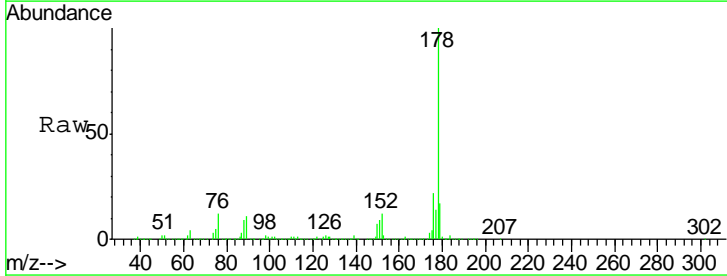
Instrument :
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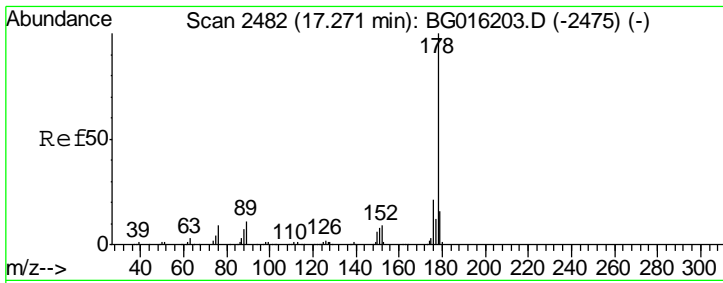
Tgt Ion	Resp	Lower	Upper
166	100		
165	92.1	75.6	113.4
167	14.0	10.7	16.1



#69
 Phenanthrene
 Concen: 52.55 ng/ul
 RT: 17.18 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
178	100		
179	17.3	12.6	19.0
176	22.4	16.6	24.8

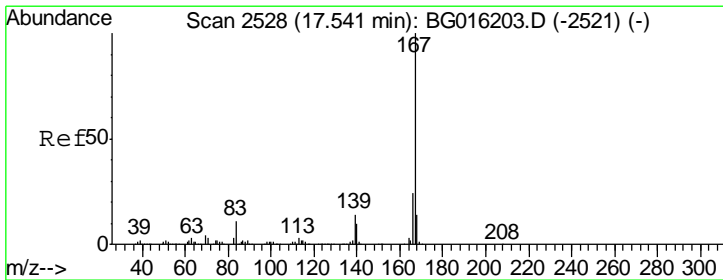
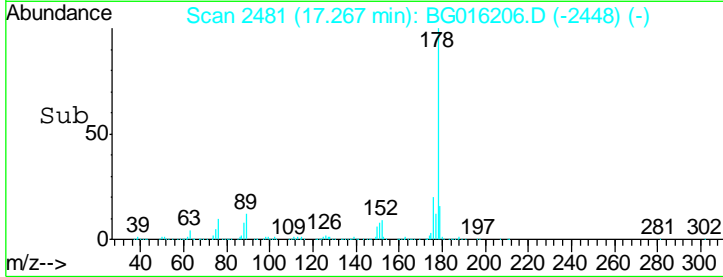
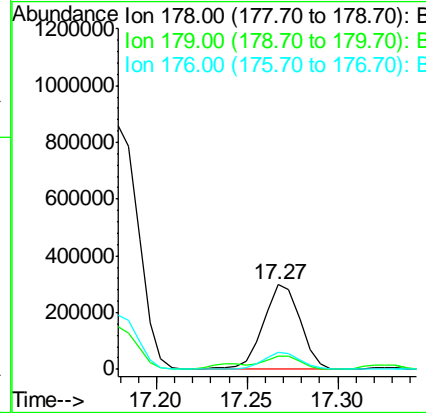
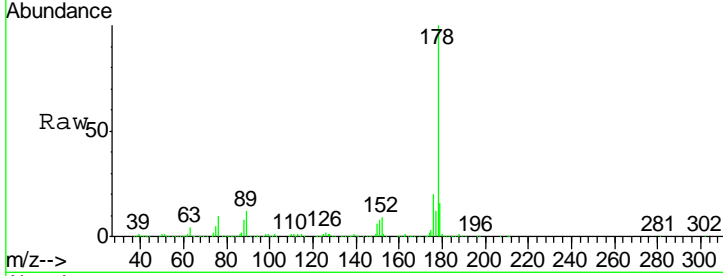




#71
 Anthracene
 Concen: 17.54 ng/ul
 RT: 17.27 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

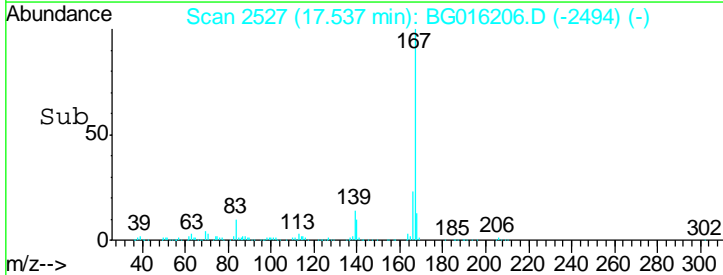
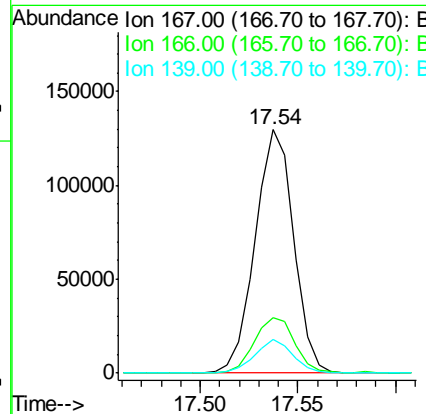
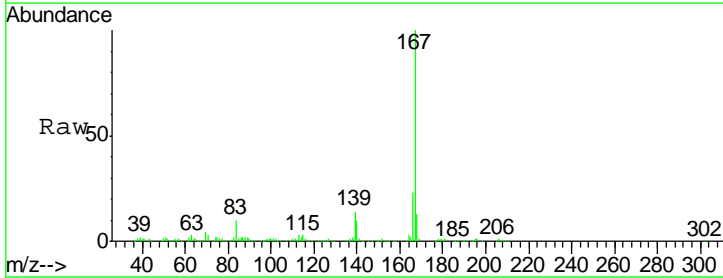
Instrument :
 BNA_G
 ClientSampled :

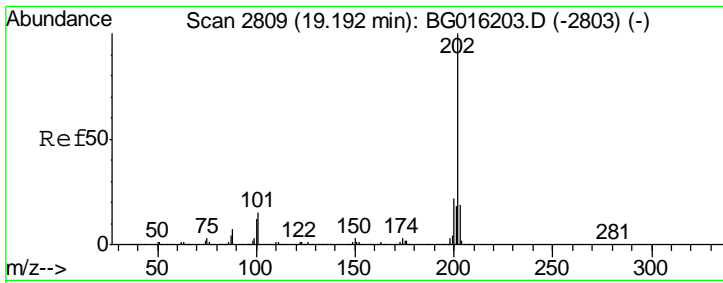
Tgt Ion	Resp	Lower	Upper
178	424598		
179	15.9	13.0	19.4
176	20.0	15.9	23.9



#72
 Carbazole
 Concen: 7.59 ng/ul
 RT: 17.54 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
167	177310		
166	22.7	18.4	27.6
139	13.7	10.7	16.1

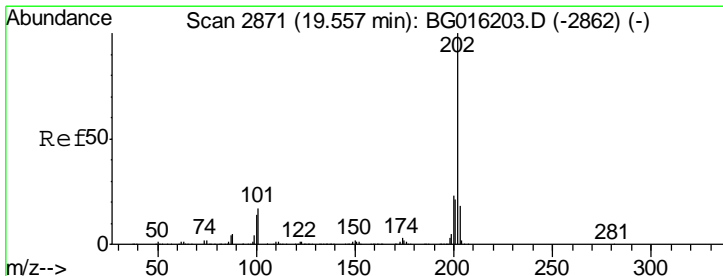
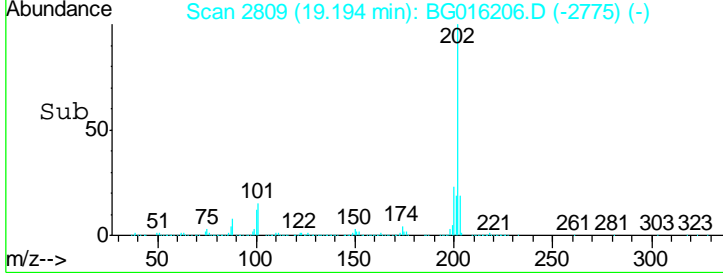
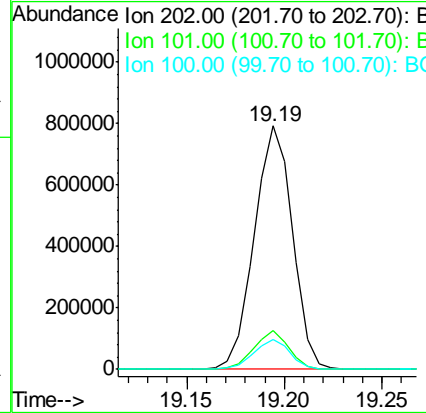
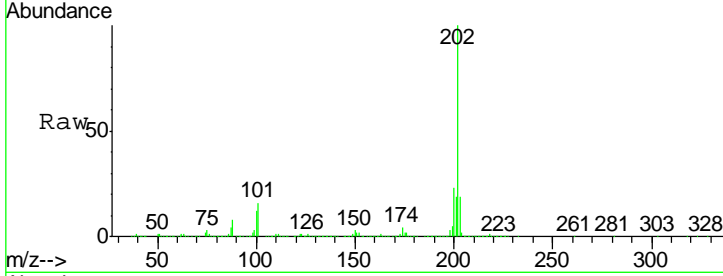




#74
 Fluoranthene
 Concen: 40.58 ng/ul
 RT: 19.19 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

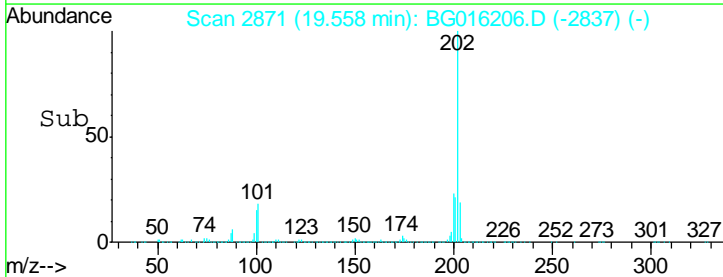
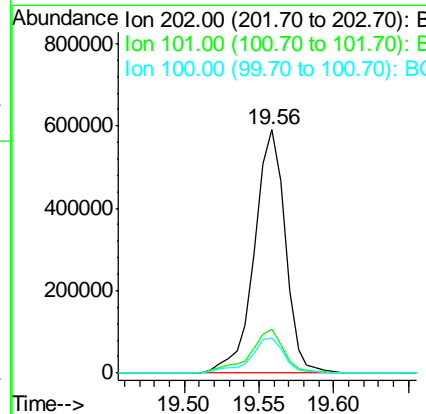
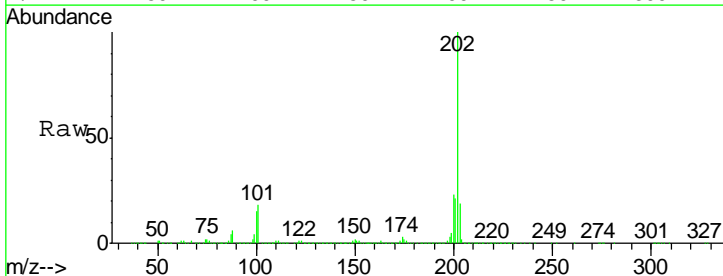
Instrument :
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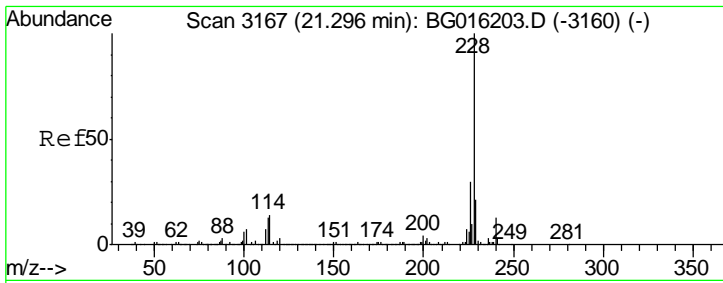
Tgt Ion	Resp	Lower	Upper
202	1067971		
101	15.8	11.8	17.8
100	12.3	9.4	14.0



#77
 Pyrene
 Concen: 33.91 ng/ul
 RT: 19.56 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
202	837094		
101	17.9	13.4	20.0
100	14.6	11.1	16.7

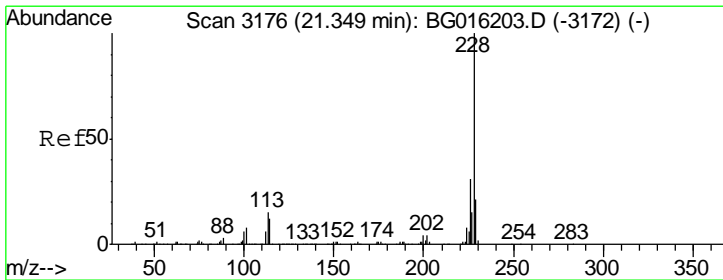
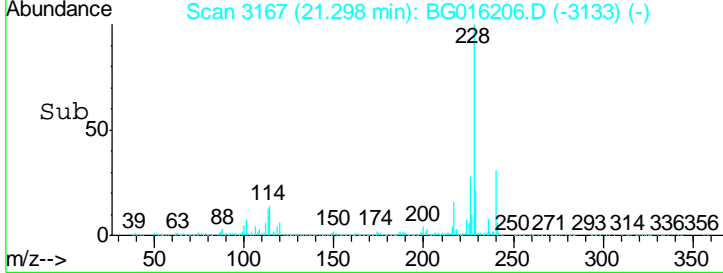
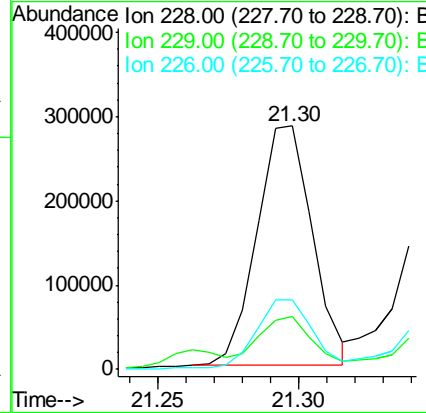
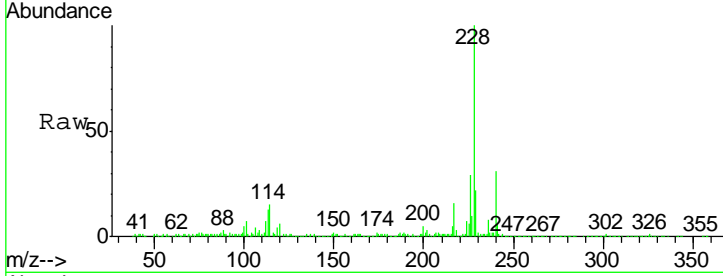




#80
 Benzo(a)anthracene
 Concen: 16.73 ng/ul
 RT: 21.30 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

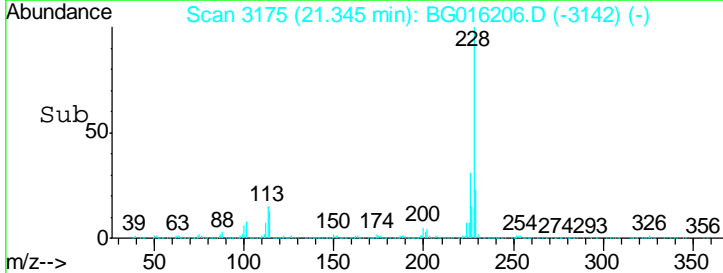
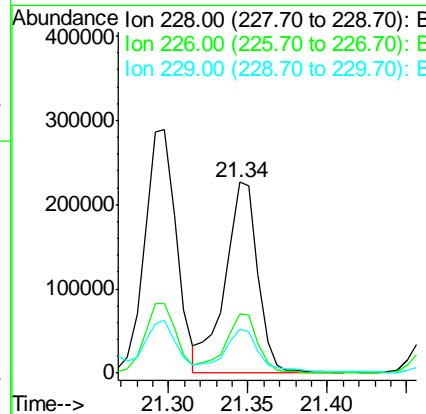
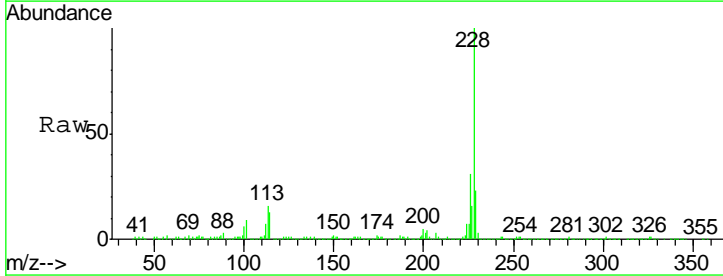
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 ClientSampled :

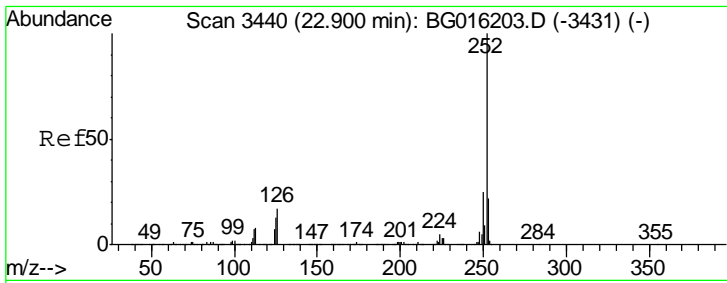
Tgt Ion	Resp	Lower	Upper
228	100		
229	21.5	16.5	24.7
226	28.6	23.0	34.4



#82
 Chrysene
 Concen: 15.10 ng/ul
 RT: 21.34 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	23.2	16.5	24.7

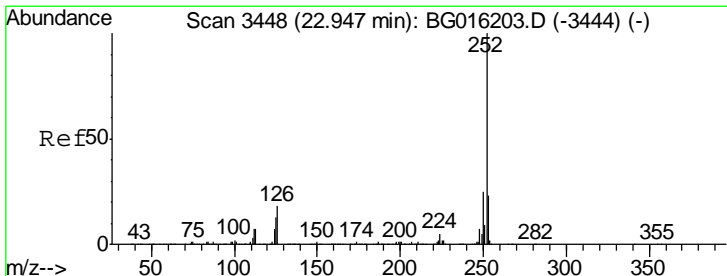
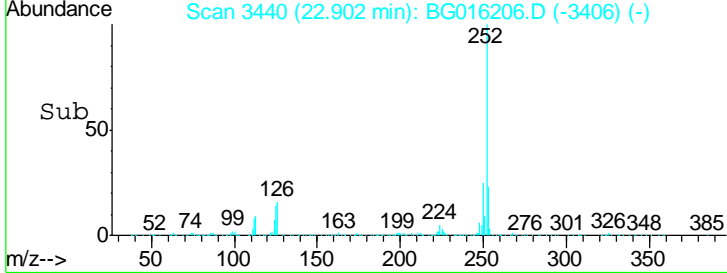
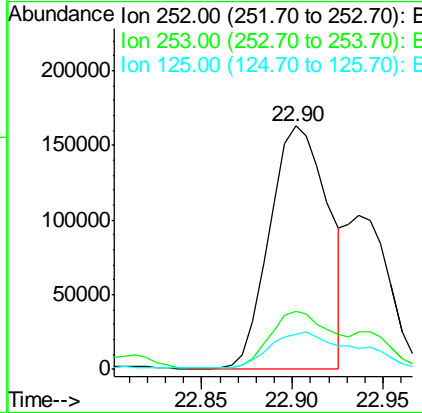
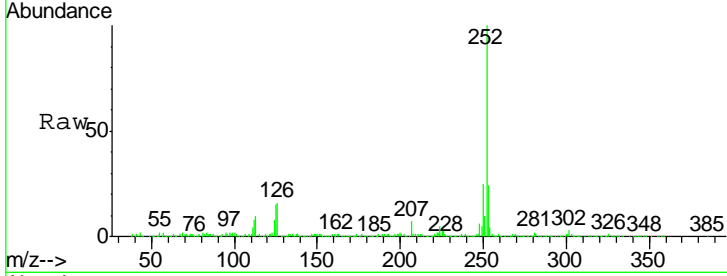




#85
 Benzo(b)fluoranthene
 Concen: 15.69 ng/ul
 RT: 22.90 min Scan# 3440
 Delta R.T. 0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

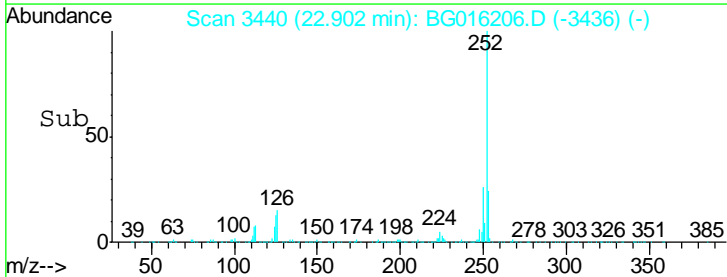
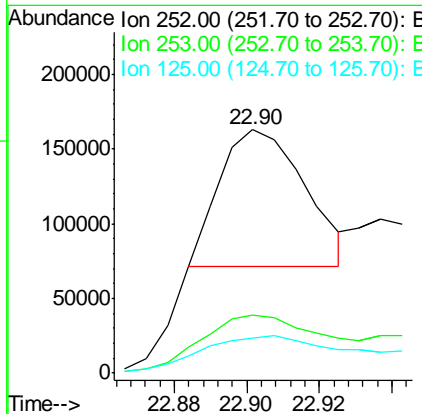
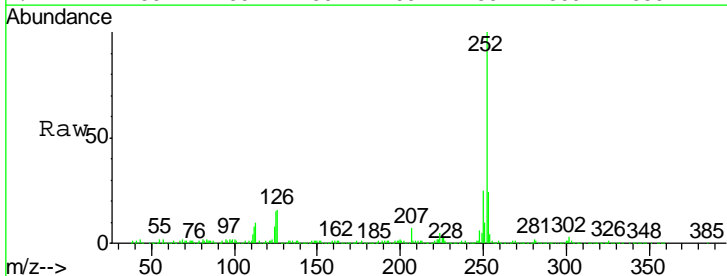
Instrument :
 BNA_G
 ClientSampled :

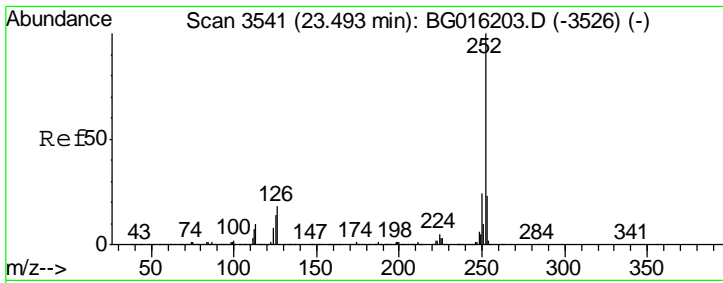
Tgt Ion	Resp	Lower	Upper
252	365719		
253	23.6	17.8	26.6
125	14.6	10.6	15.8



#86
 Benzo(k)fluoranthene
 Concen: 6.69 ng/ul
 RT: 22.90 min Scan# 3440
 Delta R.T. -0.05 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
252	150149		
253	23.6	18.6	28.0
125	14.6	11.8	17.6

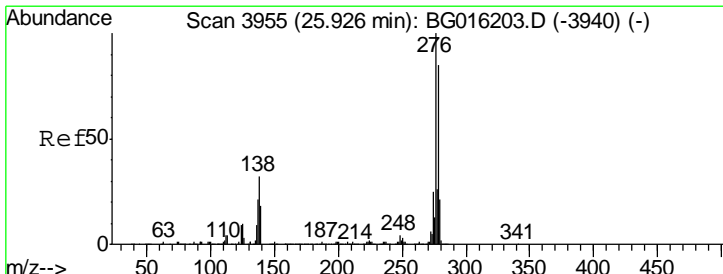
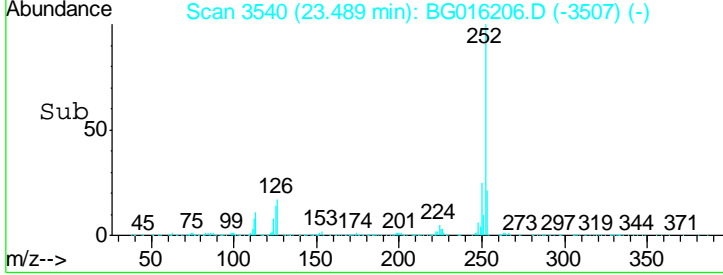
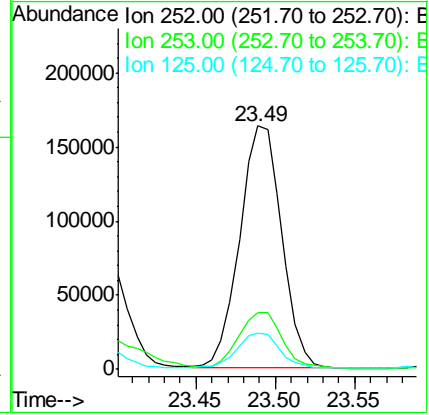
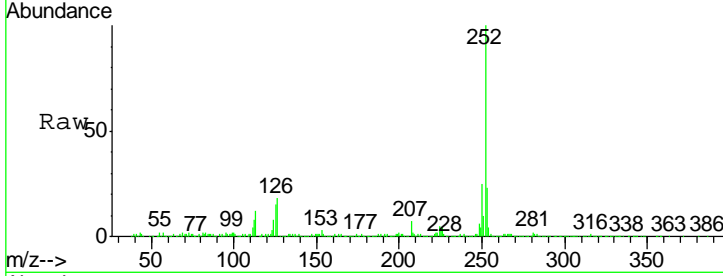




#88
 Benzo(a)pyrene
 Concen: 13.48 ng/ul
 RT: 23.49 min Scan# 3540
 Delta R.T. -0.00 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

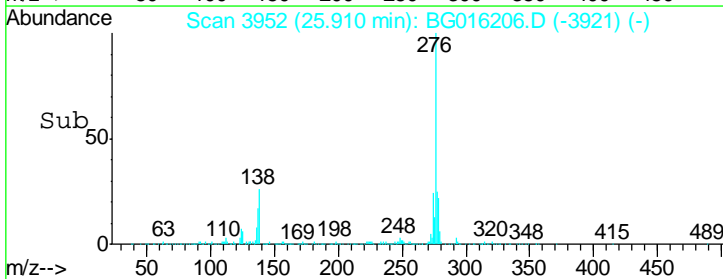
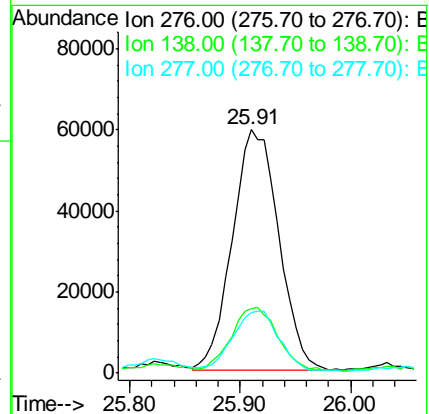
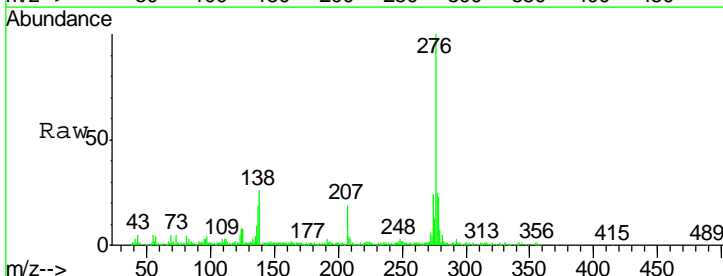
Instrument :
 BNA_G
 ClientSampled :

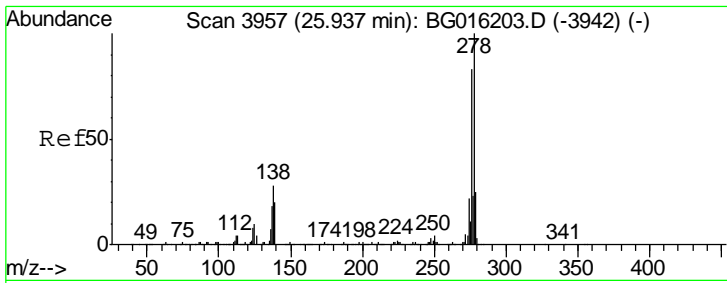
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	15.1	12.1	18.1



#89
 Indeno(1,2,3-cd)pyrene
 Concen: 6.74 ng/ul
 RT: 25.91 min Scan# 3952
 Delta R.T. -0.02 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
276	100		
138	26.4	27.0	40.6#
277	25.0	21.8	32.6

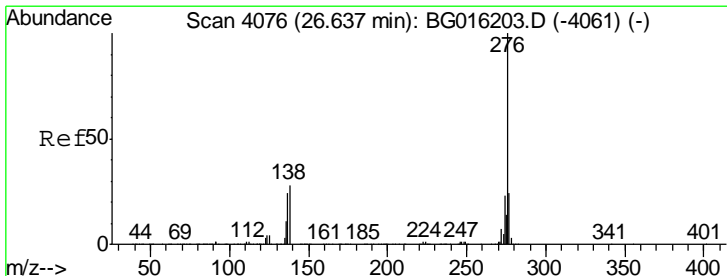
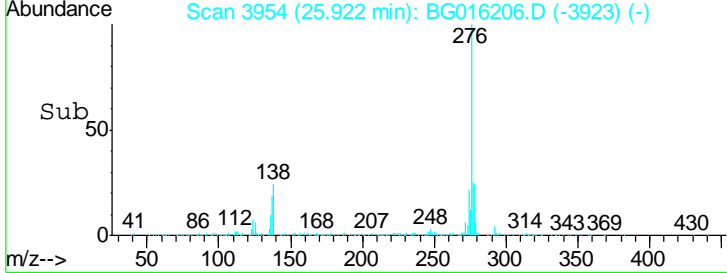
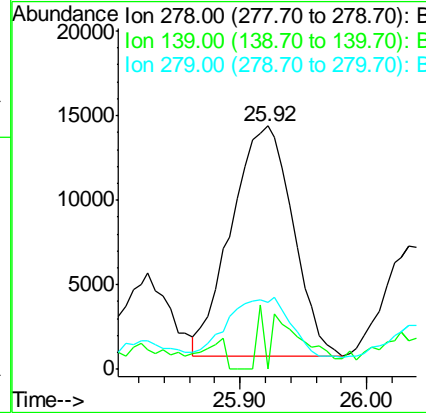
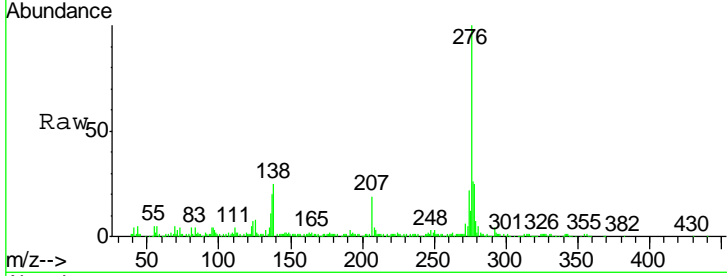




#90
 Dibenzo(a,h)anthracene
 Concen: 2.11 ng/ul
 RT: 25.92 min Scan# 3954
 Delta R.T. -0.02 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
278	45704		
139	0.0	16.5	24.7#
279	27.3	19.3	28.9



#91
 Benzo(g,h,i)perylene
 Concen: 6.47 ng/ul
 RT: 26.63 min Scan# 4074
 Delta R.T. -0.01 min
 Lab File: BG016206.D
 Acq: 31 Mar 2015 18:54

Tgt Ion	Resp	Lower	Upper
276	137397		
138	25.8	21.0	31.6
277	24.2	19.2	28.8

