

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
 Data File : BG022330.D
 Acq On : 13 Jun 2016 18:57
 Operator : UM/SJ
 Sample : H3474-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S7-B4(6-12)C

Quant Time: Jun 14 10:50:36 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

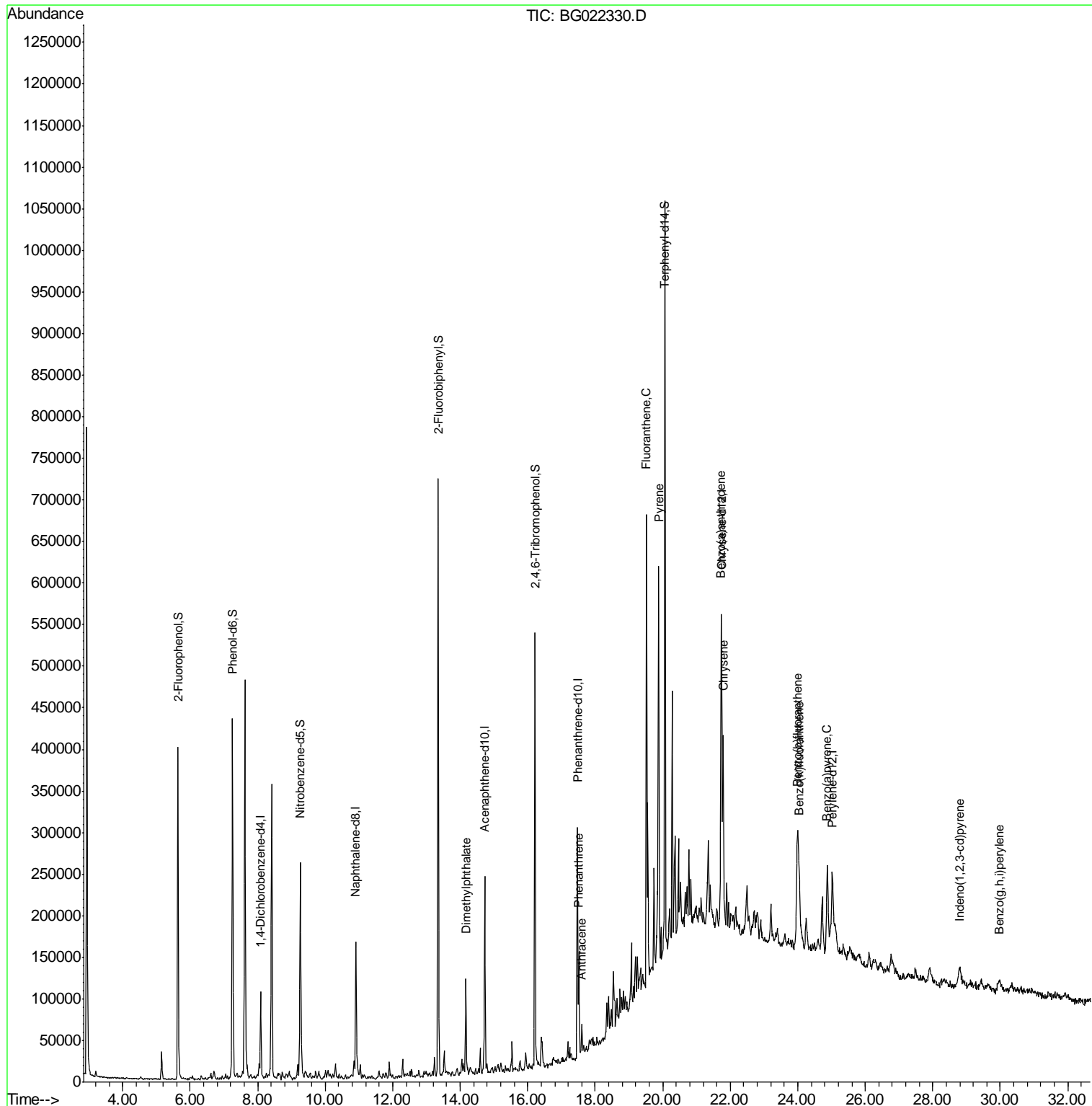
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.09	152	37668	20.00	ng	0.00	
21) Naphthalene-d8	10.91	136	171667	20.00	ng	0.00	
38) Acenaphthene-d10	14.72	164	91204	20.00	ng	0.00	
63) Phenanthrene-d10	17.47	188	179700	20.00	ng	0.00	
75) Chrysene-d12	21.74	240	147269	20.00	ng	0.00	
86) Perylene-d12	25.02	264	130612	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	261177	134.06	ng	0.00	
7) Phenol-d6	7.25	99	372695	121.67	ng	0.00	
23) Nitrobenzene-d5	9.26	82	203668	82.71	ng	0.00	
41) 2,4,6-Tribromophenol	16.21	330	106919	103.75	ng	0.00	
44) 2-Fluorobiphenyl	13.35	172	430036	71.86	ng	0.00	
78) Terphenyl-d14	20.06	244	413891	66.72	ng	0.00	
Target Compounds							
49) Dimethylphthalate	14.17	163	76658	10.14	ng		99
70) Phenanthrene	17.51	178	78888	8.08	ng		98
71) Anthracene	17.60	178	24676	2.55	ng		93
74) Fluoranthene	19.52	202	353574	31.51	ng		96
77) Pyrene	19.88	202	289967	31.67	ng		99
80) Benzo(a)anthracene	21.72	228	192261	23.28	ng		97
82) Chrysene	21.79	228	163618	20.36	ng		97
85) Indeno(1,2,3-cd)pyrene	28.80	276	52368	5.81	ng	#	54
87) Benzo(b)fluoranthene	23.99	252	178789m	23.47	ng		
88) Benzo(k)fluoranthene	24.05	252	96806m	12.91	ng		
89) Benzo(a)pyrene	24.87	252	128015	17.58	ng	#	93
91) Benzo(a,h,i)perylene	29.96	276	43882m	6.15	ng		

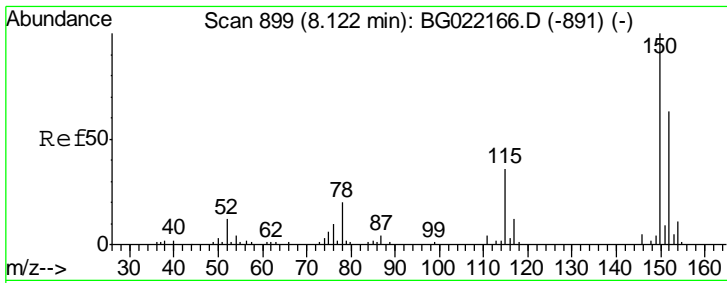
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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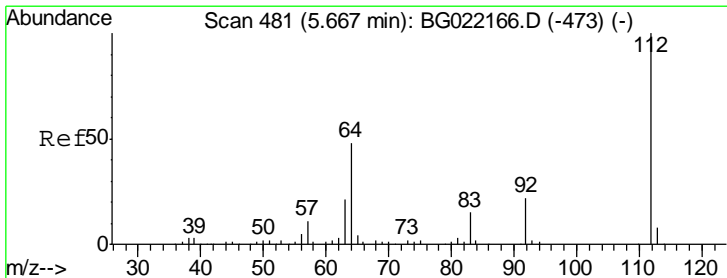
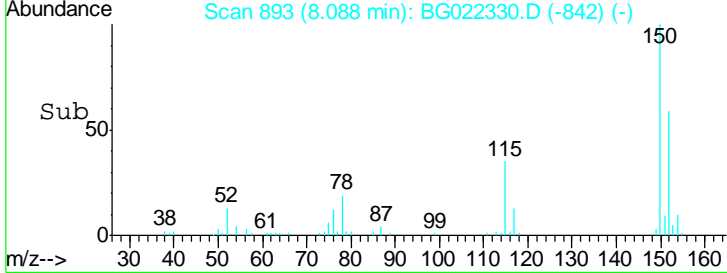
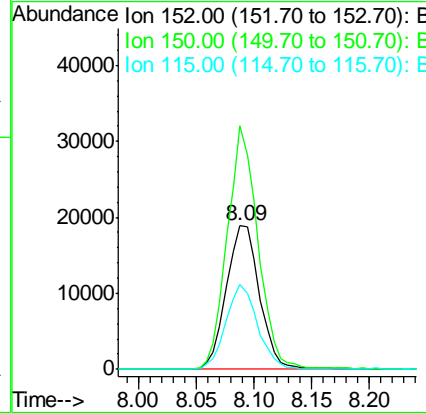
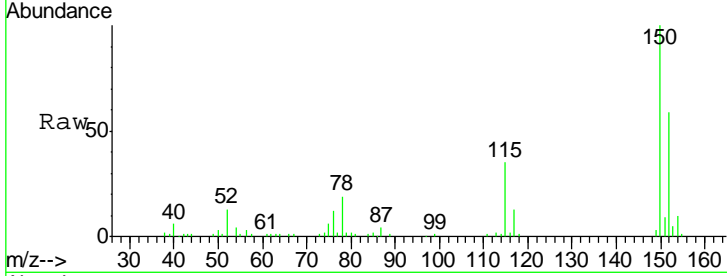




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.09 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

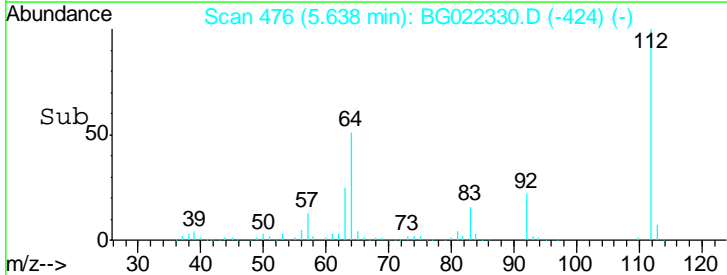
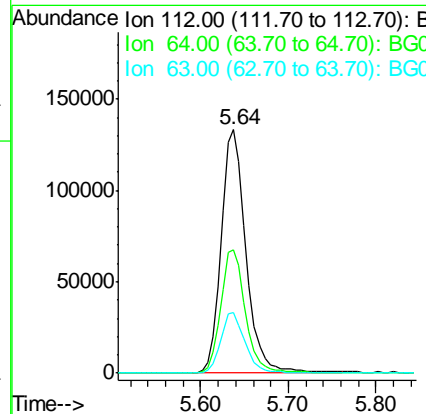
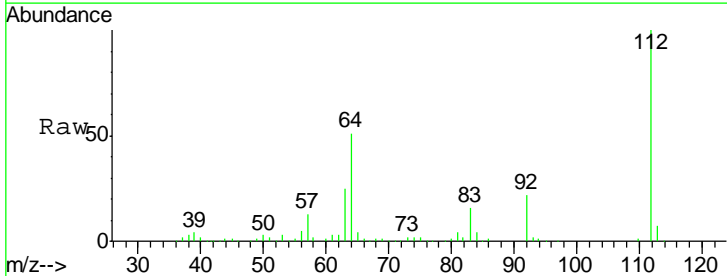
Instrument :
 BNA_G
 ClientSampleID :
 S7-B4(6-12)C

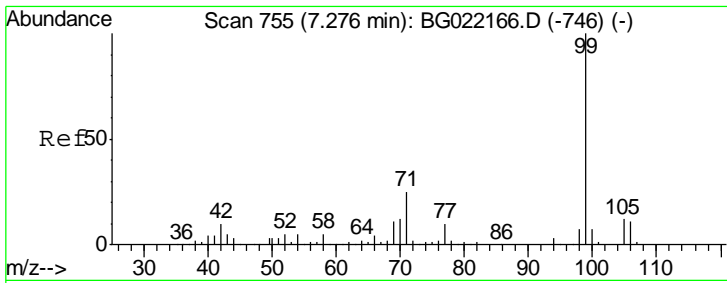
Tgt Ion	Resp	Lower	Upper
152	37668		
150	169.4	130.1	195.1
115	59.5	62.2	93.2#



#5
 2-Fluorophenol
 Concen: 134.06 ng
 RT: 5.64 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
112	261177		
64	50.7	51.1	76.7#
63	24.8	24.6	37.0

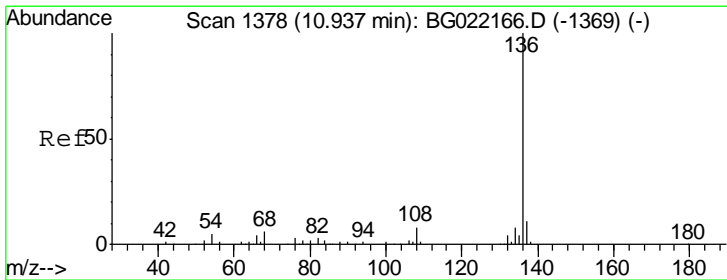
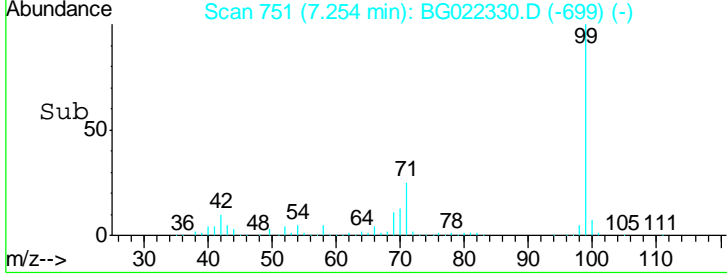
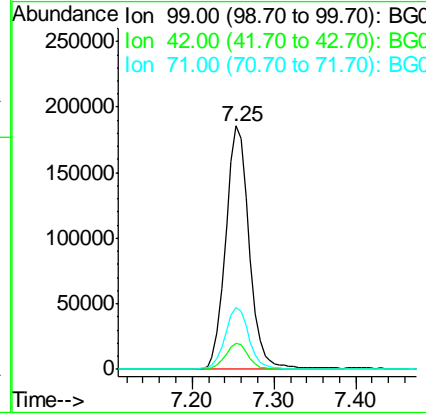
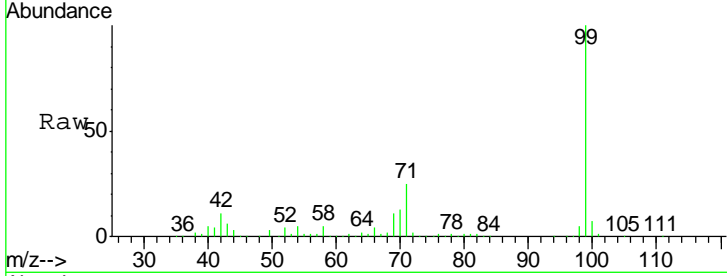




#7
 Phenol-d6
 Concen: 121.67 ng
 RT: 7.25 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

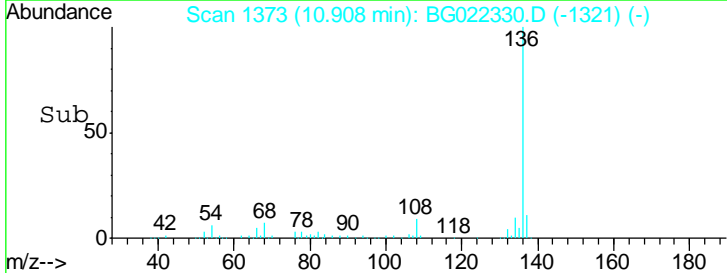
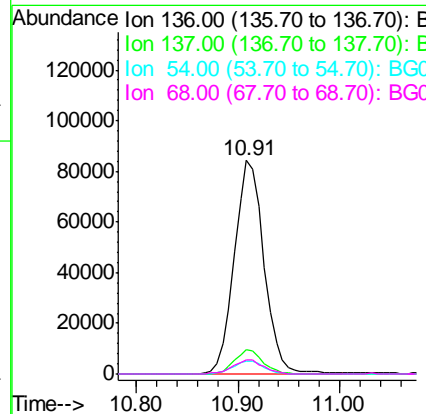
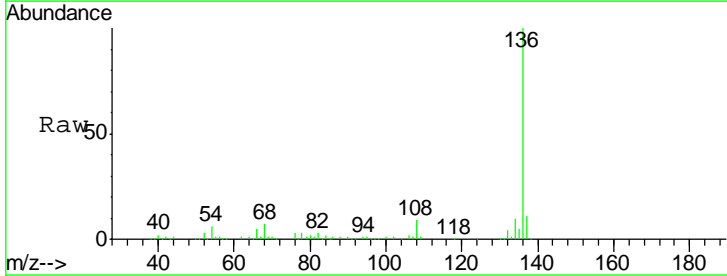
Instrument :
 BNA_G
 ClientSampled :
 S7-B4(6-12)C

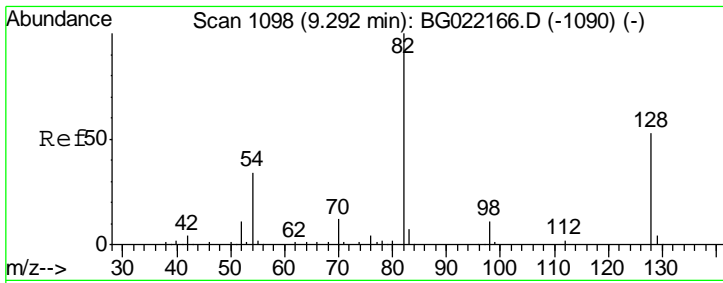
Tgt Ion	Resp	Lower	Upper
99	372695		
42	10.5	16.4	24.6#
71	25.5	25.0	37.4



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.91 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
136	171667		
137	11.1	9.0	13.4
54	6.2	9.6	14.4#
68	6.6	6.4	9.6

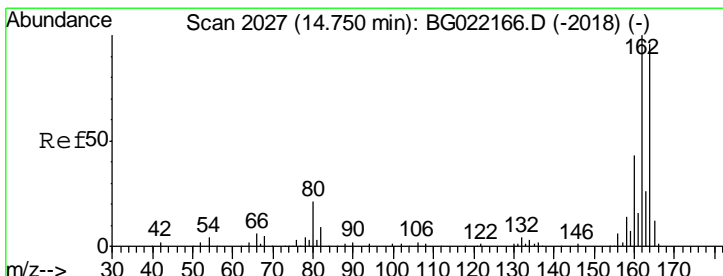
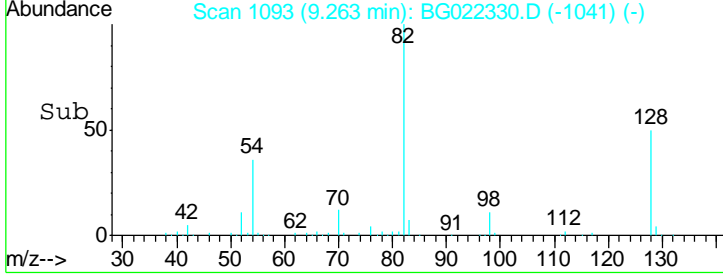
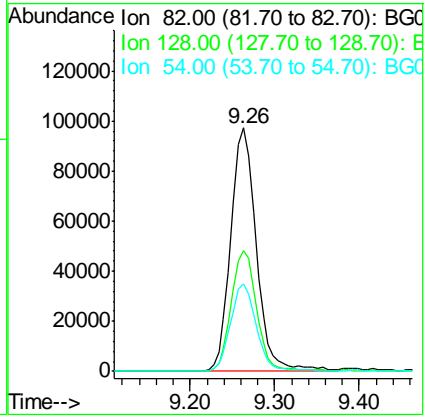
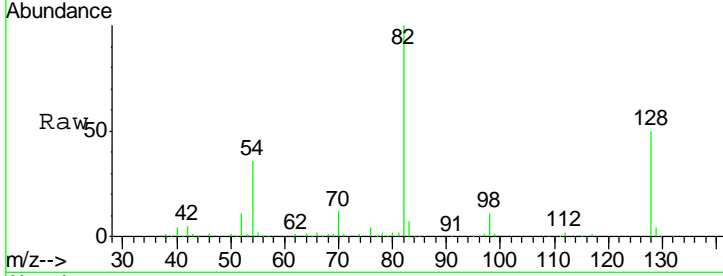




#23
 Nitrobenzene-d5
 Concen: 82.71 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

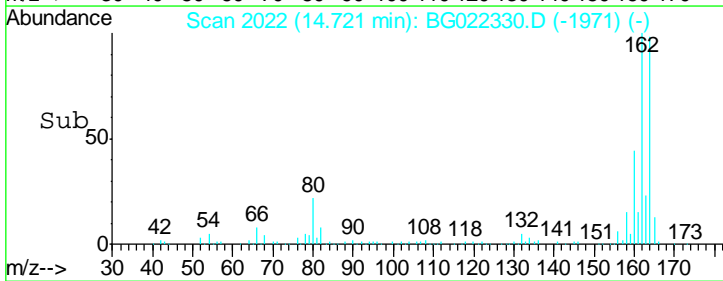
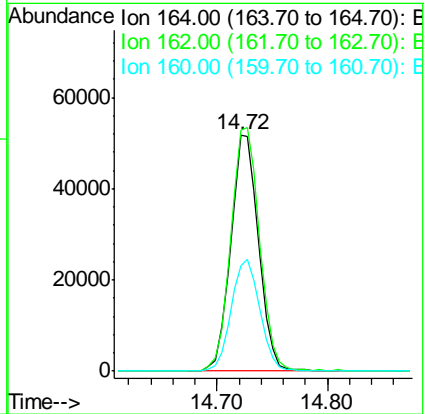
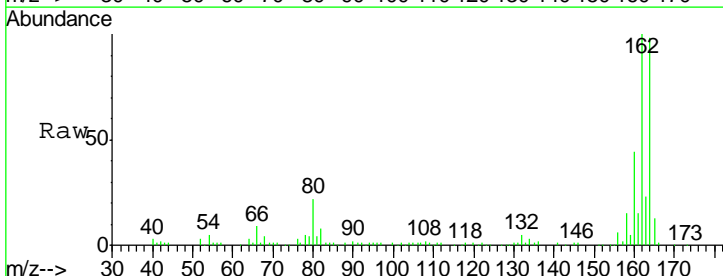
Instrument :
 BNA_G
ClientSampled :
 S7-B4(6-12)C

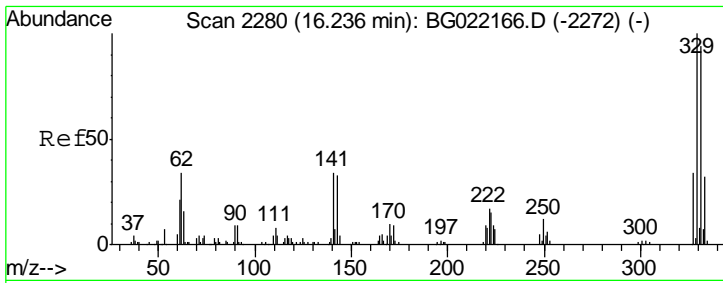
Tgt Ion	Resp	Lower	Upper
82	203668		
128	49.8	33.4	50.0
54	35.7	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
164	91204		
162	101.9	78.0	117.0
160	44.7	32.9	49.3

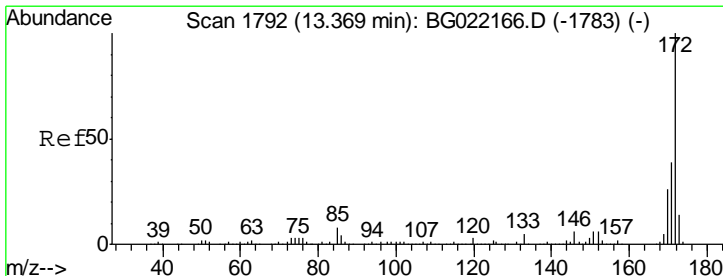
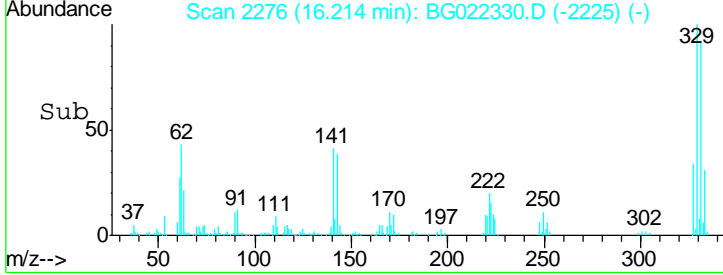
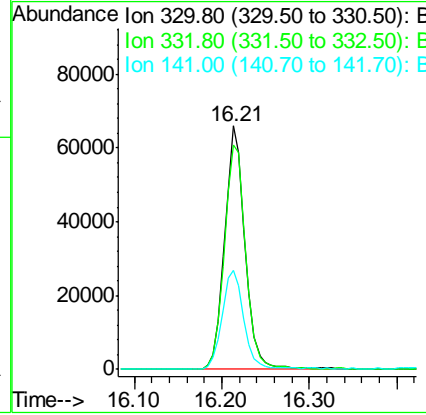
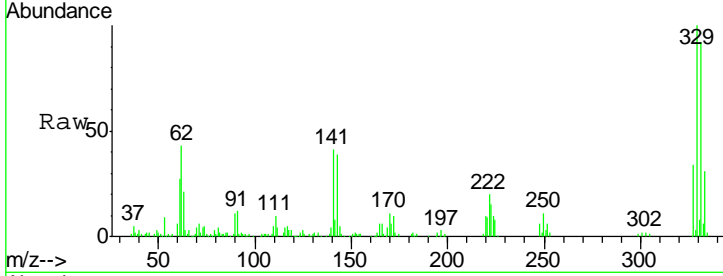




#41
 2,4,6-Tribromophenol
 Concen: 103.75 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

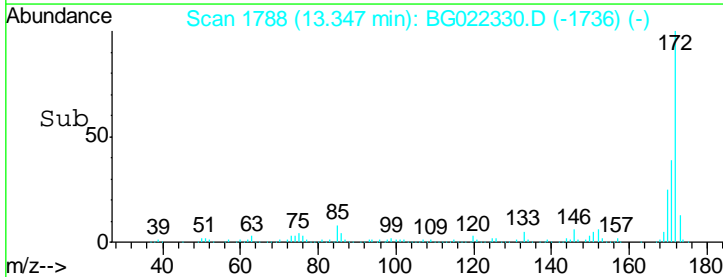
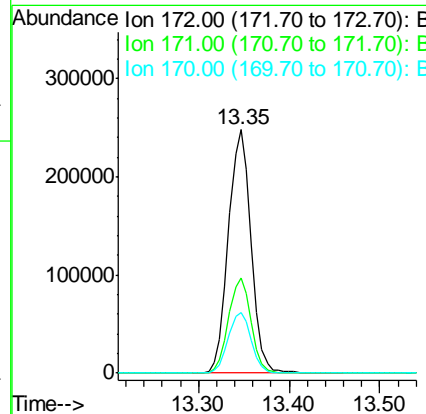
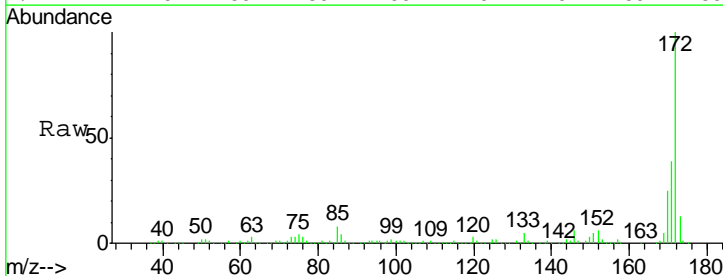
Instrument :
 BNA_G
 ClientSampled :
 S7-B4(6-12)C

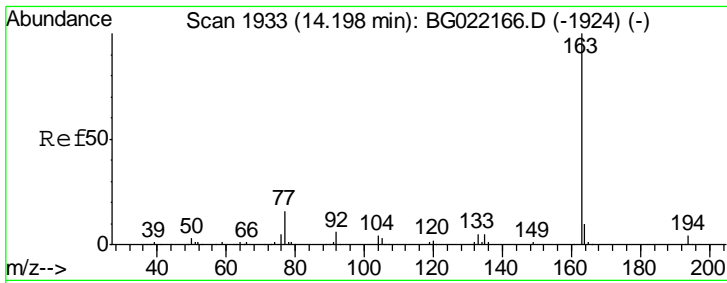
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	42.8	33.8	50.8



#44
 2-Fluorobiphenyl
 Concen: 71.86 ng
 RT: 13.35 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
172	100		
171	39.0	27.8	41.6
170	24.7	19.6	29.4

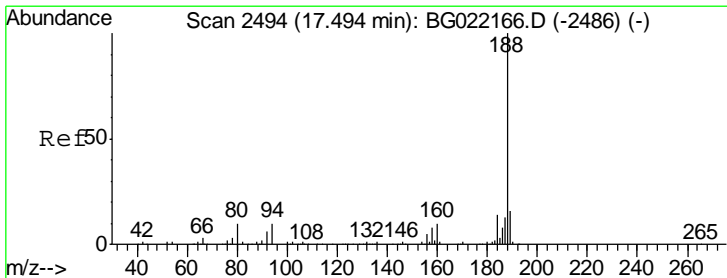
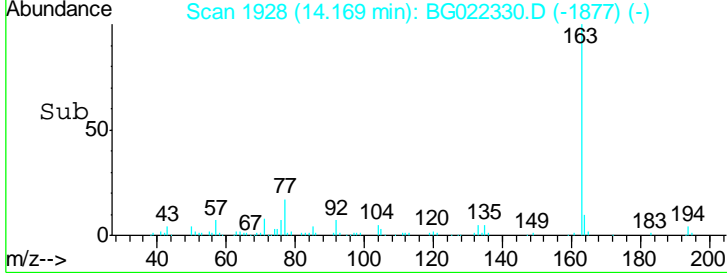
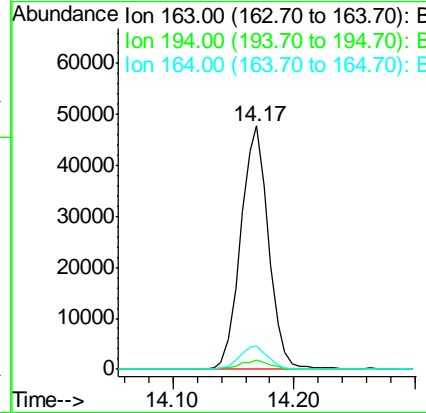
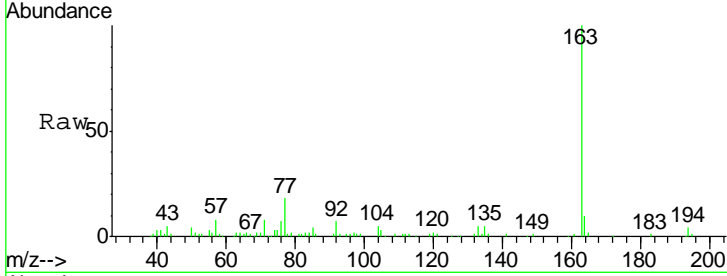




#49
 Dimethylphthalate
 Concen: 10.14 ng
 RT: 14.17 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

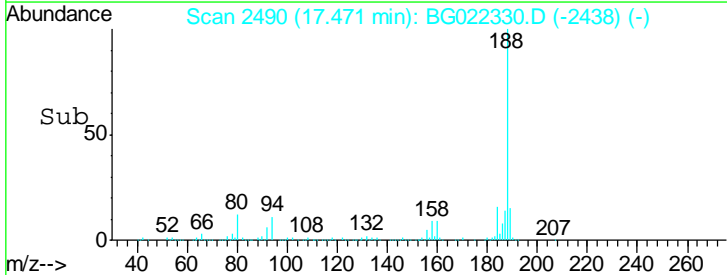
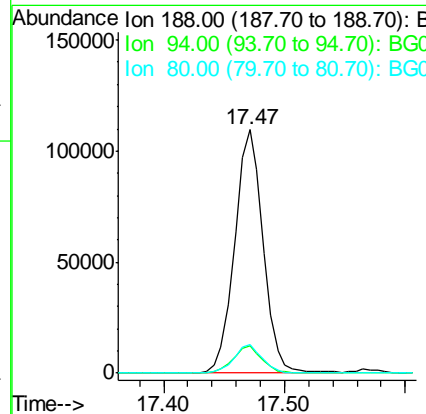
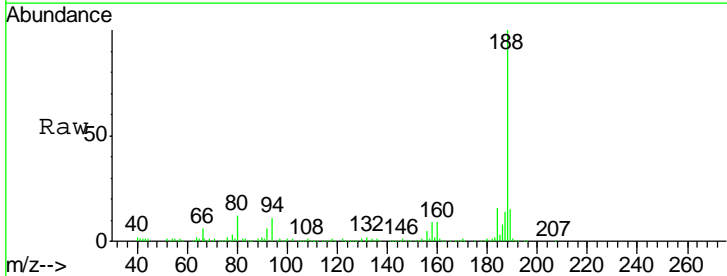
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 ClientSampled :
 S7-B4(6-12)C

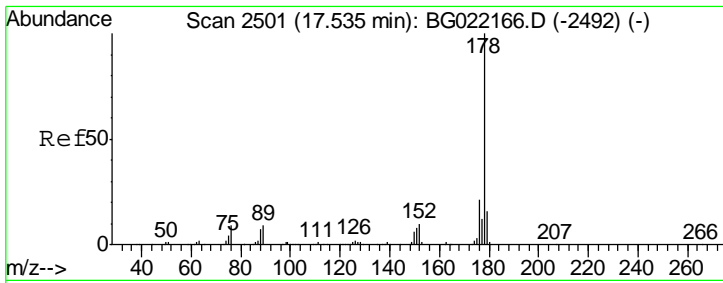
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.6	8.1	12.1



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.47 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
188	100		
94	11.0	7.5	11.3
80	11.8	8.6	13.0

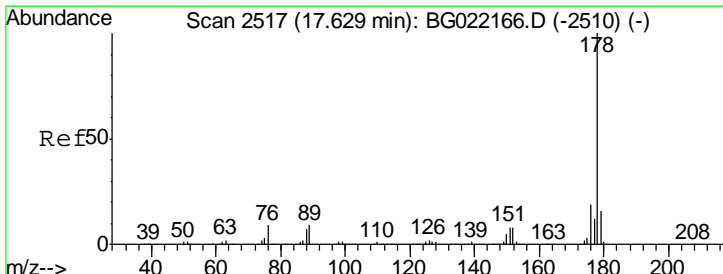
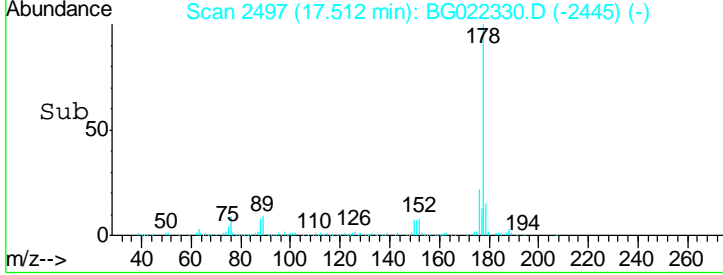
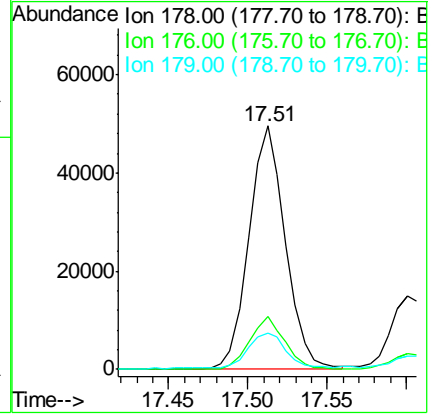
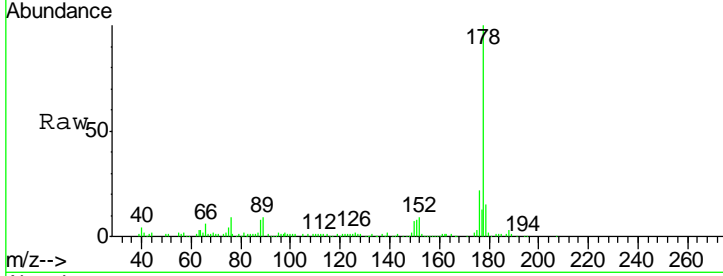




#70
 Phenanthrene
 Concen: 8.08 ng
 RT: 17.51 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

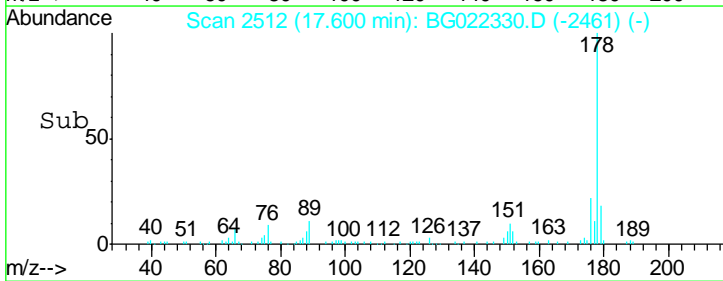
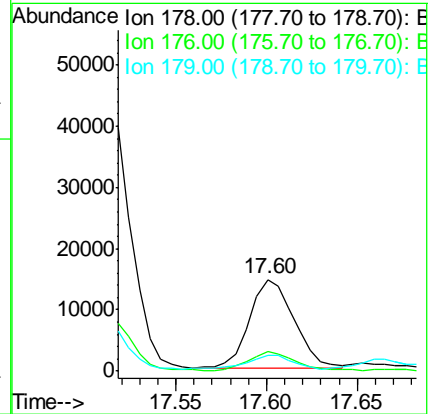
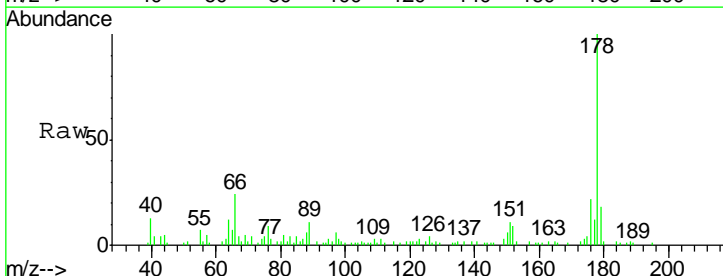
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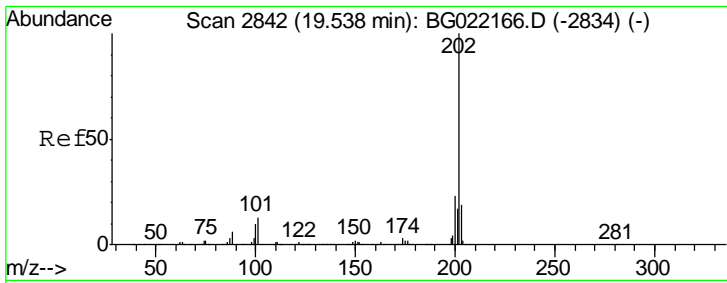
Tgt Ion	Resp	Lower	Upper
178	78888		
176	21.9	16.2	24.4
179	15.2	12.0	18.0



#71
 Anthracene
 Concen: 2.55 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
178	24676		
176	22.1	15.0	22.4
179	17.9	12.2	18.4

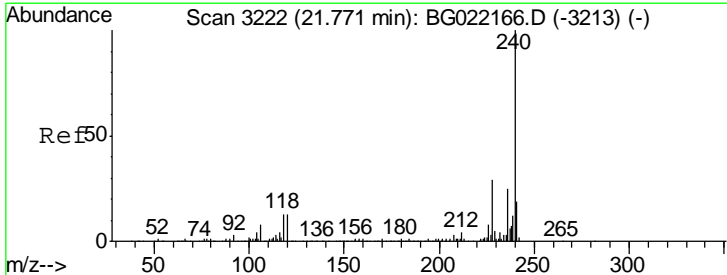
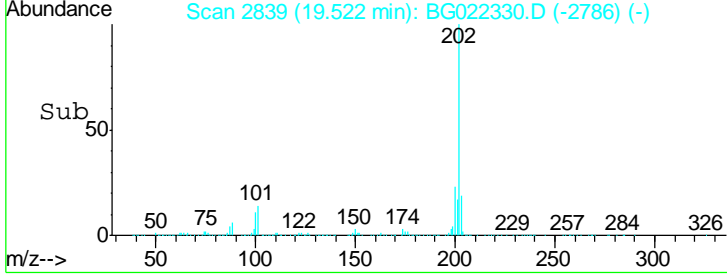
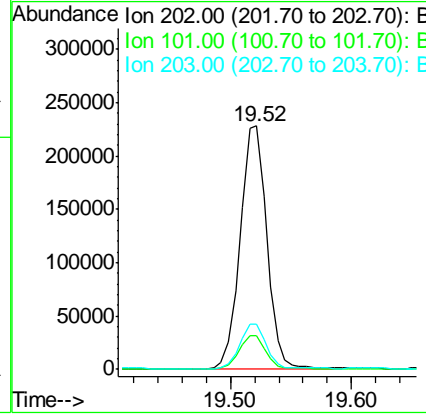
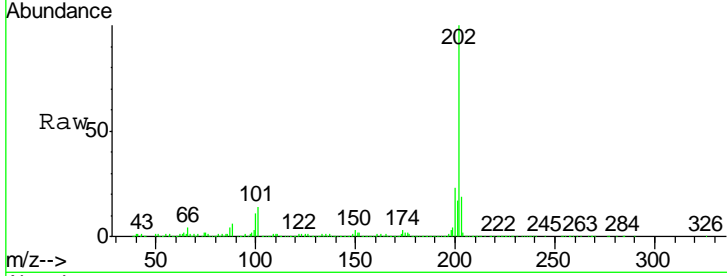




#74
 Fluoranthene
 Concen: 31.51 ng
 RT: 19.52 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

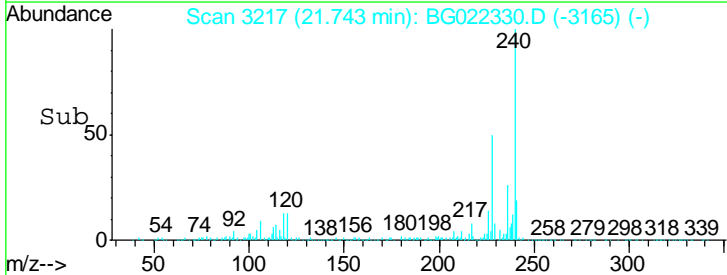
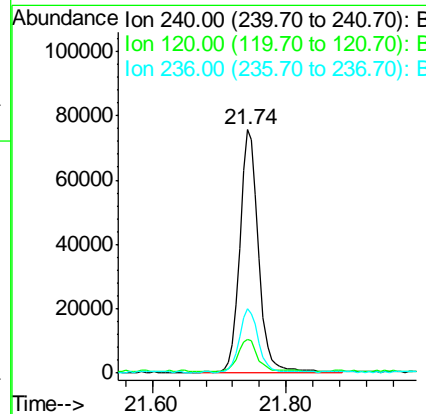
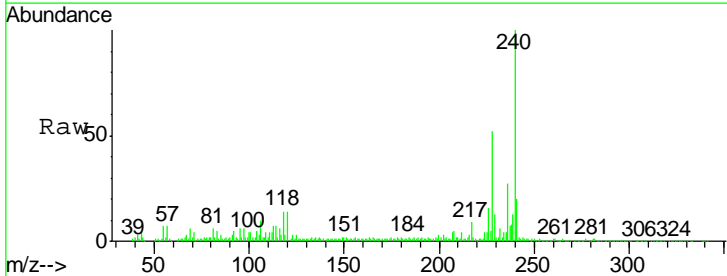
Instrument :
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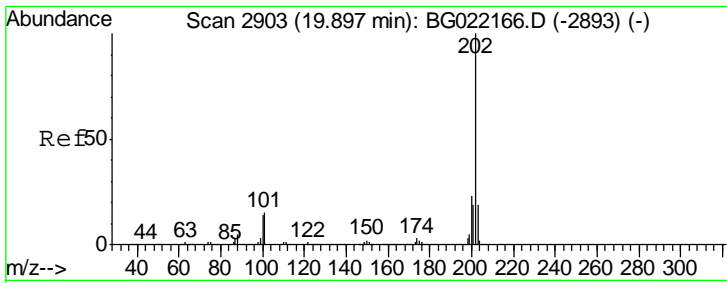
Tgt Ion	Resp	Lower	Upper
202	353574		
101	13.9	0.0	31.0
203	18.8	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
240	147269		
120	13.9	8.4	12.6#
236	26.5	19.6	29.4

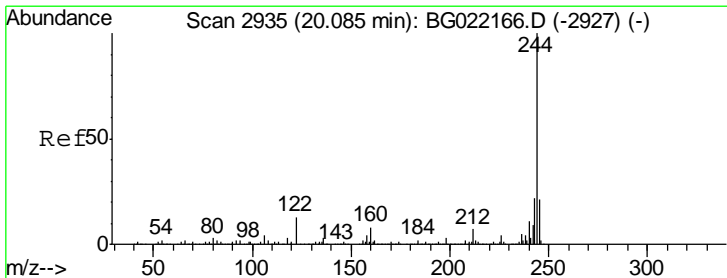
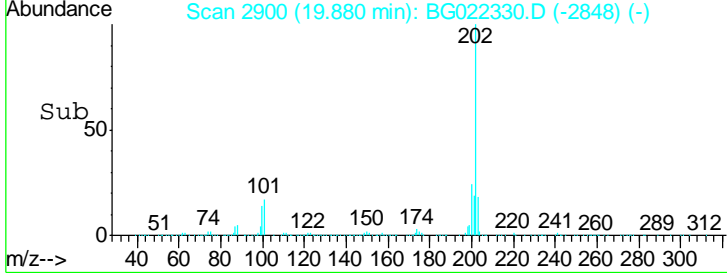
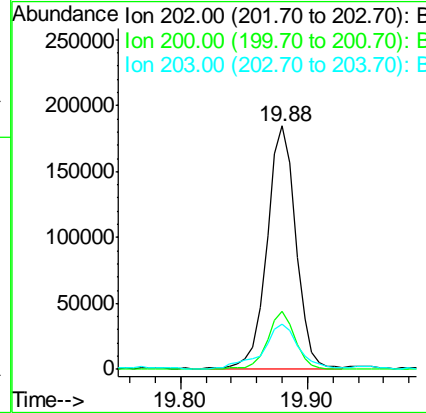
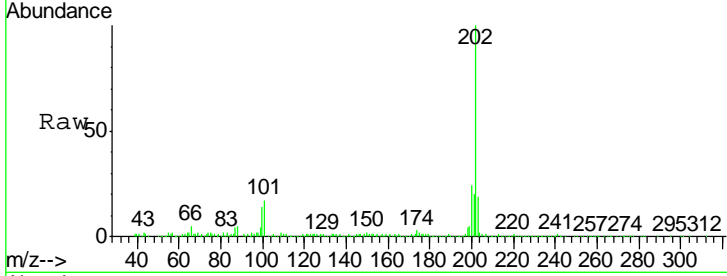




#77
 Pyrene
 Concen: 31.67 ng
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

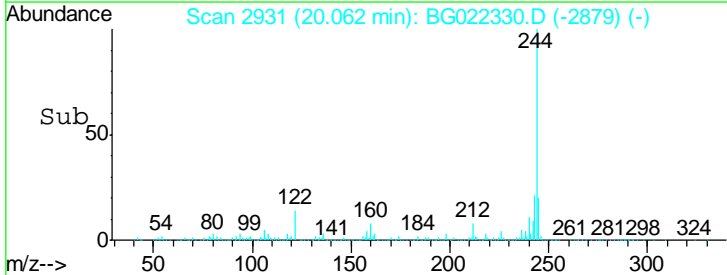
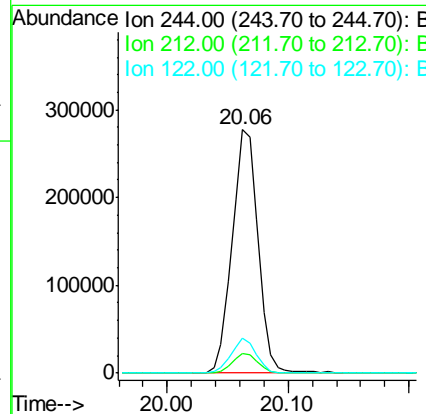
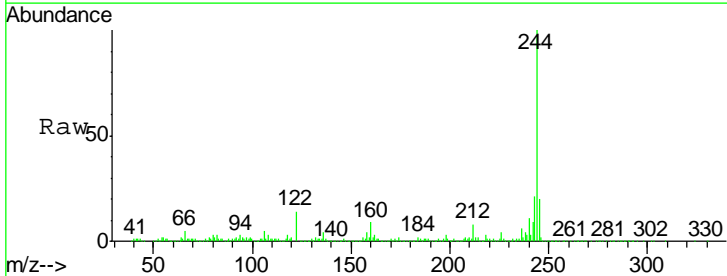
Instrument :
 BNA_G
 ClientSampled :
 S7-B4(6-12)C

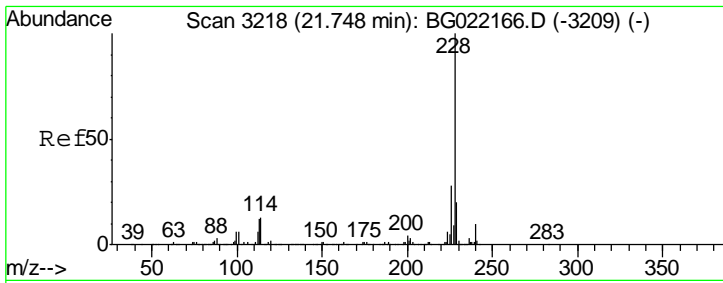
Tgt Ion	Resp	Lower	Upper
202	289967		
200	23.9	18.2	27.2
203	18.8	15.0	22.4



#78
 Terphenyl-d14
 Concen: 66.72 ng
 RT: 20.06 min Scan# 2931
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
244	413891		
212	8.0	6.5	9.7
122	14.4	8.6	12.8#

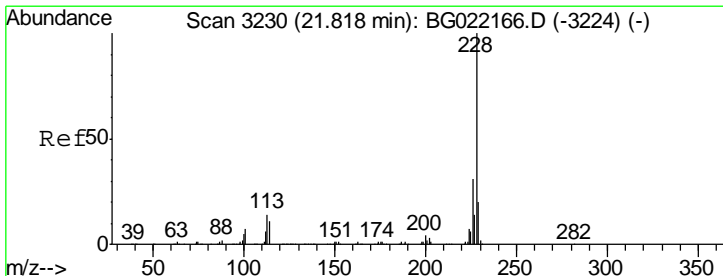
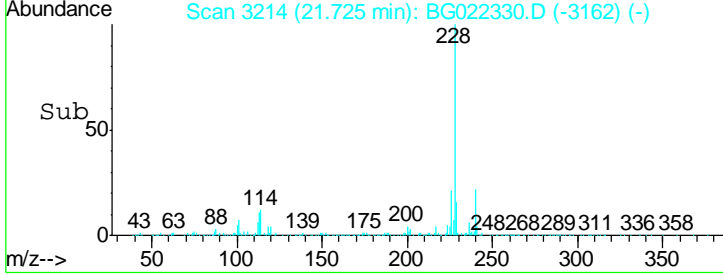
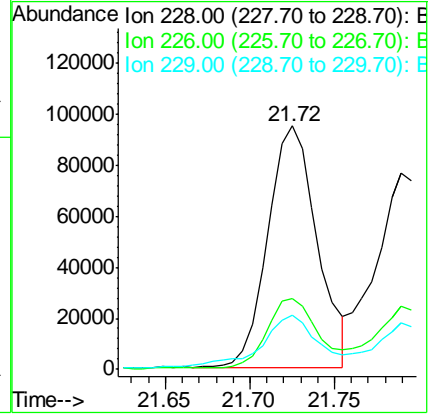
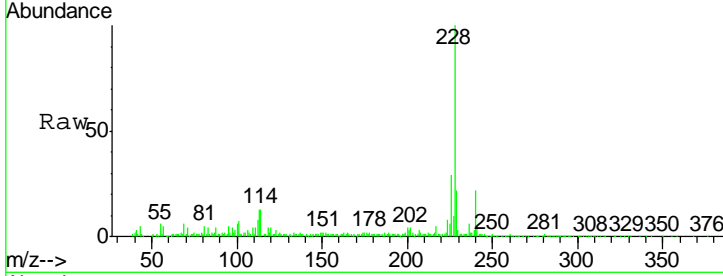




#80
 Benzo(a)anthracene
 Concen: 23.28 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

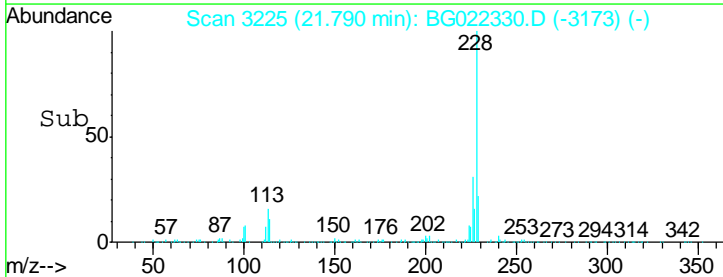
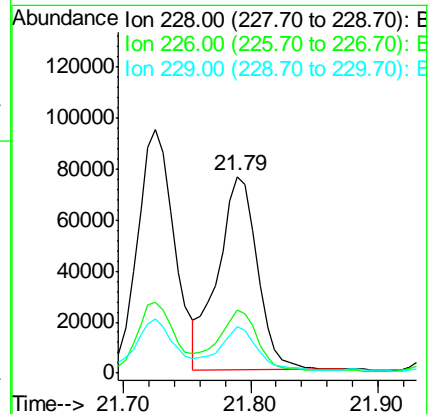
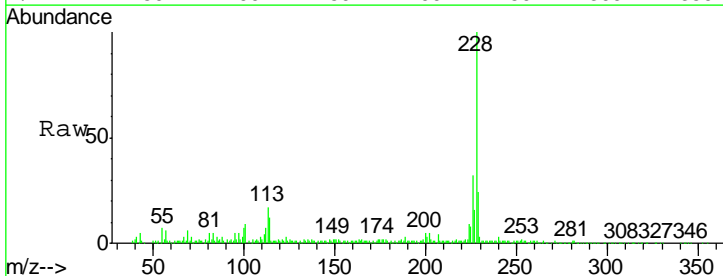
Instrument :
 BNA_G
 ClientSampled :
 S7-B4(6-12)C

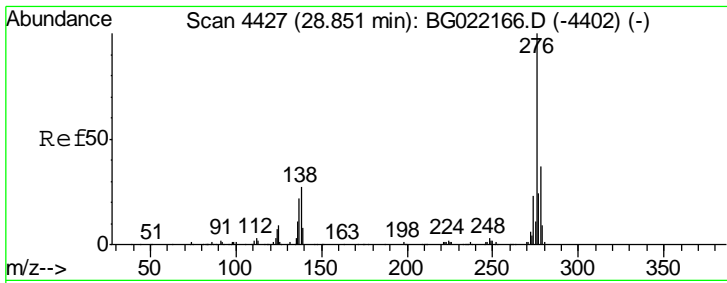
Tgt Ion	Resp	Lower	Upper
228	192261		
226	29.2	22.6	34.0
229	22.2	16.1	24.1



#82
 Chrysene
 Concen: 20.36 ng
 RT: 21.79 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
228	163618		
226	31.9	25.4	38.0
229	23.6	15.9	23.9

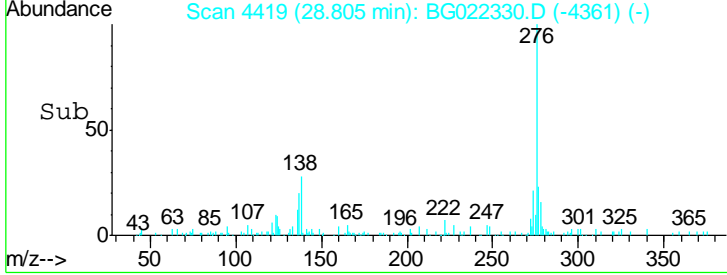
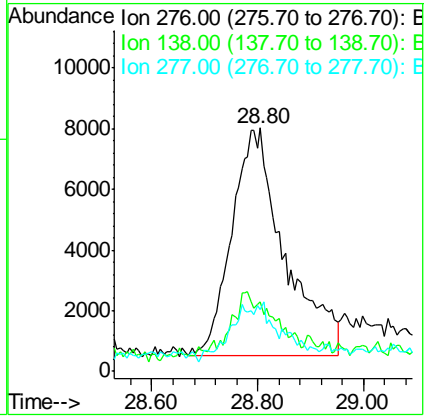
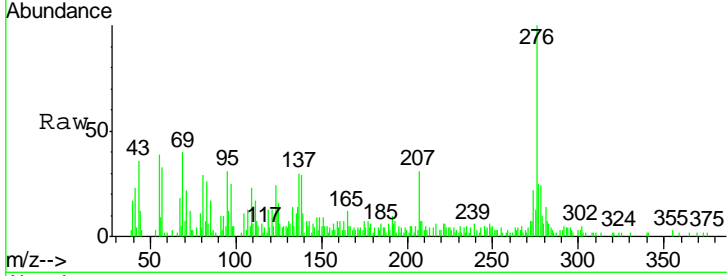




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.81 ng
 RT: 28.80 min Scan# 4419
 Delta R.T. 0.04 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

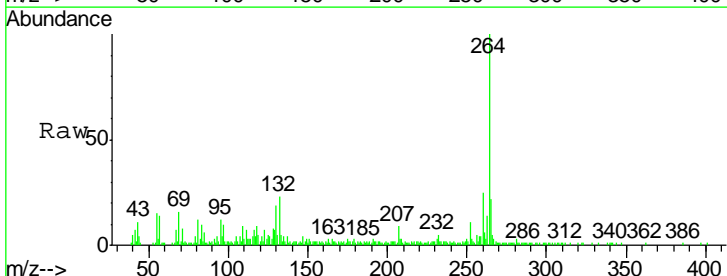
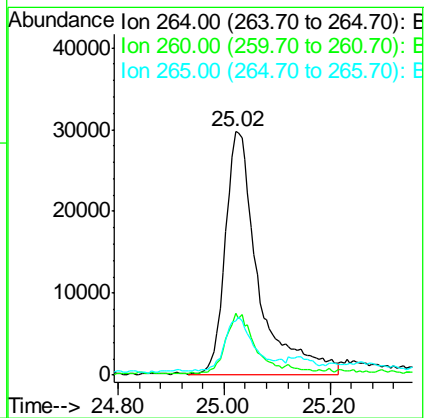
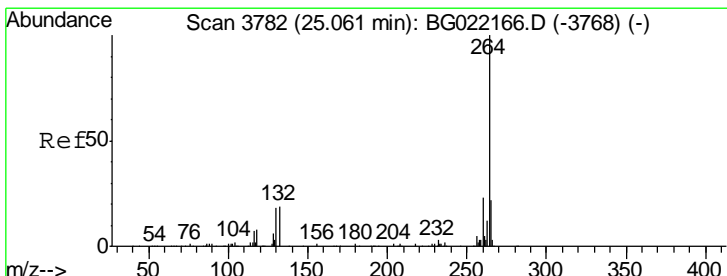
Instrument :
 BNA_G
ClientSampled :
 S7-B4(6-12)C

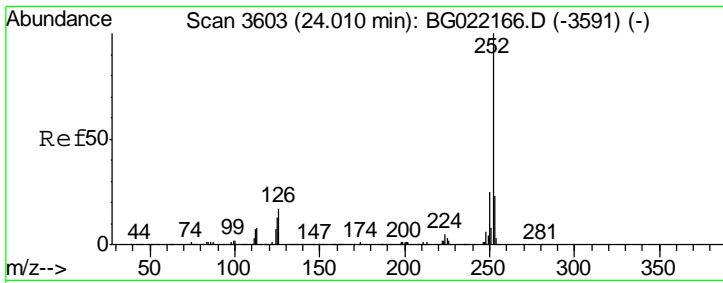
Tgt Ion	Resp	Lower	Upper
276	100		
138	0.0	14.0	21.0#
277	0.0	20.6	30.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.02 min Scan# 3775
 Delta R.T. 0.01 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	22.1	17.8	26.8



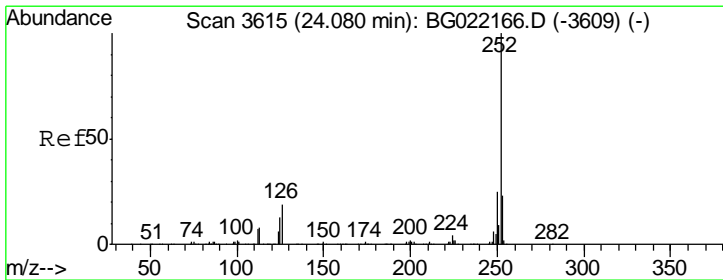
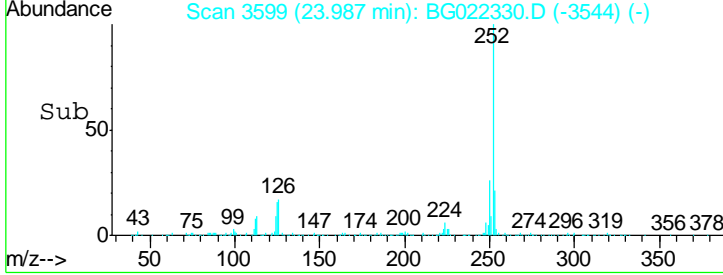
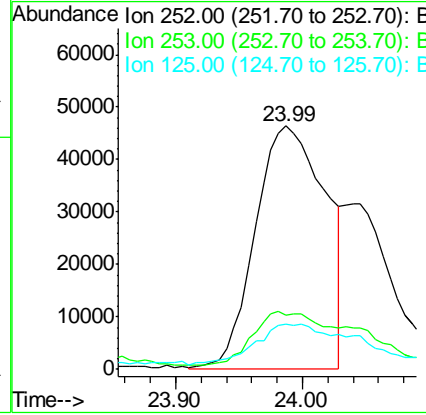
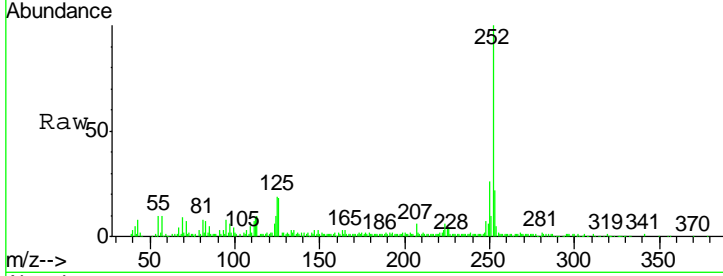


#87

Benzo(b)fluoranthene
 Concen: 23.47 ng m
 RT: 23.99 min Scan# 3599
 Delta R.T. 0.02 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Instrument :
 BNA_G
 ClientSampled :
 S7-B4(6-12)C

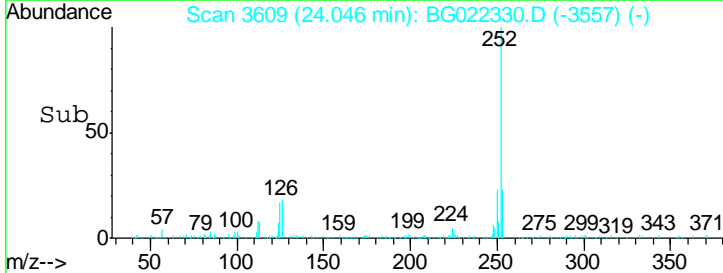
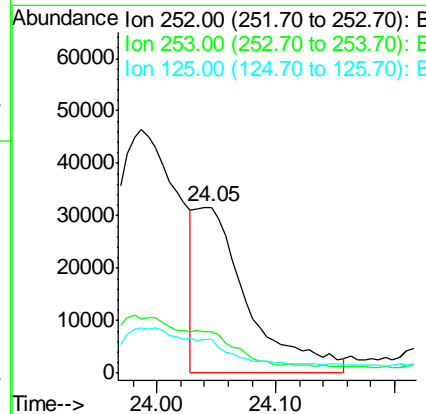
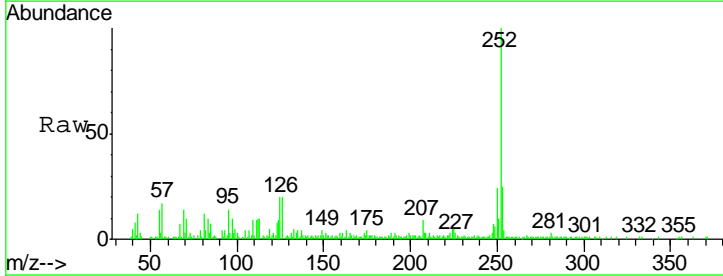
Tgt Ion	Resp	Lower	Upper
252	178789		
253	22.4	17.5	26.3
125	18.5	8.6	13.0#

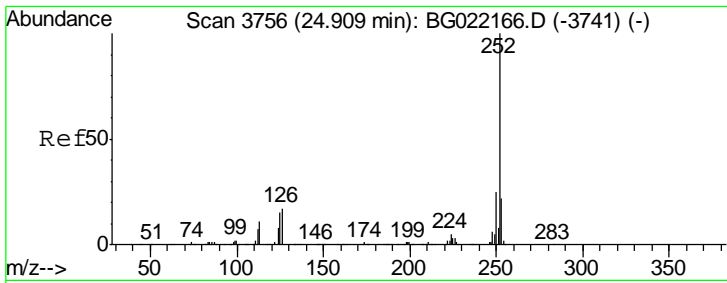


#88

Benzo(k)fluoranthene
 Concen: 12.91 ng m
 RT: 24.05 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
252	96806		
253	24.7	17.8	26.8
125	20.3	8.3	12.5#

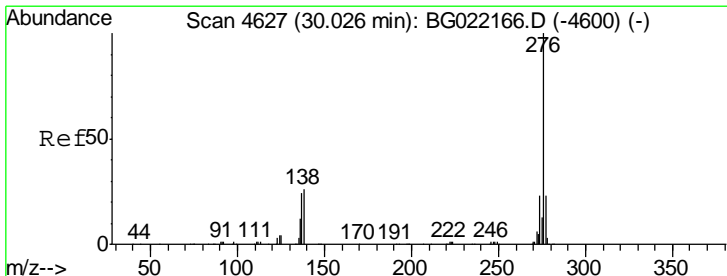
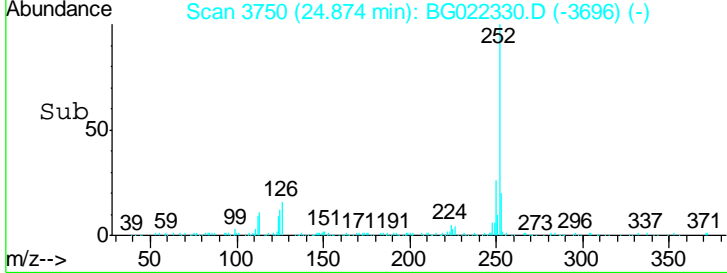
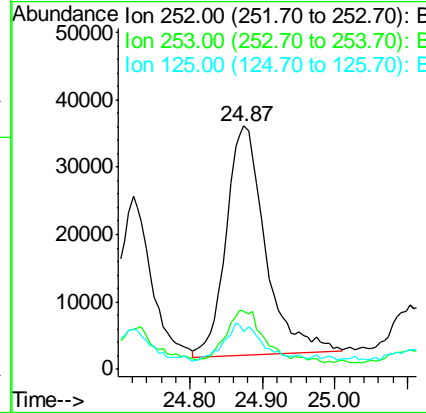
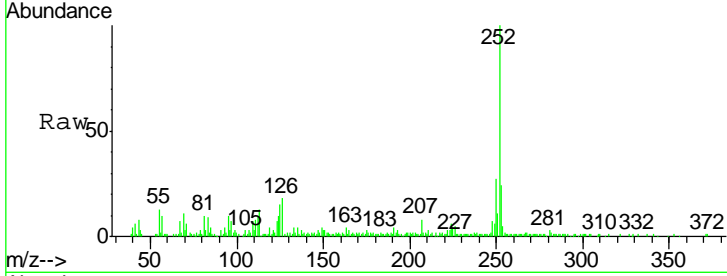




#89
 Benzo(a)pyrene
 Concen: 17.58 ng
 RT: 24.87 min Scan# 3750
 Delta R.T. 0.01 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Instrument :
 BNA_G
Client Sampled :
 S7-B4(6-12)C

Tgt Ion	Resp	Lower	Upper
252	128015		
253	24.0	17.1	25.7
125	15.5	9.6	14.4



#91
 Benzo(g,h,i)perylene
 Concen: 6.15 ng m
 RT: 29.96 min Scan# 4616
 Delta R.T. 0.02 min
 Lab File: BG022330.D
 Acq: 13 Jun 2016 18:57

Tgt Ion	Resp	Lower	Upper
276	43882		
277	25.3	19.4	29.2
138	32.3	17.4	26.0

