

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
 Data File : BG025160.D
 Acq On : 14 Dec 2016 00:45
 Operator : UM/SJ
 Sample : H5992-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS021-0106-03

Manual Integrations
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Quant Time: Dec 14 03:50:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	77900	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	363058	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	299811	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	588383	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	691194	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	715293	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	6850	4.54	ng/uL	0.01
5) Phenol-d5	7.38	99	191765	28.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	132474	31.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	139624	29.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	129220	23.01	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	77871	30.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	97431	30.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	179313	29.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	113906	18.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	614549	29.80	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	727064	32.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	87896	24.80	ng/ul	0.00
57) Fluorene-d10	15.85	176	575537	29.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	91514	25.16	ng/ul	0.00
70) Anthracene-d10	17.70	188	795165	32.02	ng/ul	0.00
76) Pyrene-d10	19.98	212	891561	31.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	922835	31.84	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.41	94	33528	4.86 ng/ul#	92
28) Naphthalene	11.12	128	20872	1.24 ng/ul#	96
44) Dimethylphthalate	14.30	163	117615	5.80 ng/ul#	96
49) Acenaphthene	14.92	153	19572	1.30 ng/ul	93
58) Fluorene	15.90	166	28292	1.46 ng/ul#	98
69) Phenanthrene	17.65	178	327621	11.67 ng/ul	98
71) Anthracene	17.74	178	69488	2.41 ng/ul	95
72) Carbazole	18.01	167	31277	1.30 ng/ul#	90
74) Fluoranthene	19.64	202	455062	13.64 ng/ul	98
77) Pyrene	20.00	202	363658	10.94 ng/ul	100
80) Benzo(a)anthracene	21.88	228	226858	6.32 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.73	149	48529	2.71 ng/ul#	96
82) Chrysene	21.94	228	192413m	5.73 ng/ul	
85) Benzo(b)fluoranthene	24.23	252	256078m	7.22 ng/ul	
86) Benzo(k)fluoranthene	24.28	252	105373m	3.13 ng/ul	
88) Benzo(a)pyrene	25.16	252	174764	5.12 ng/ul	93
89) Indeno(1,2,3-cd)pyrene	29.25	276	112671	2.66 ng/ul#	85
91) Benzo(g,h,i)perylene	30.49	276	81746	2.31 ng/ul	96

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

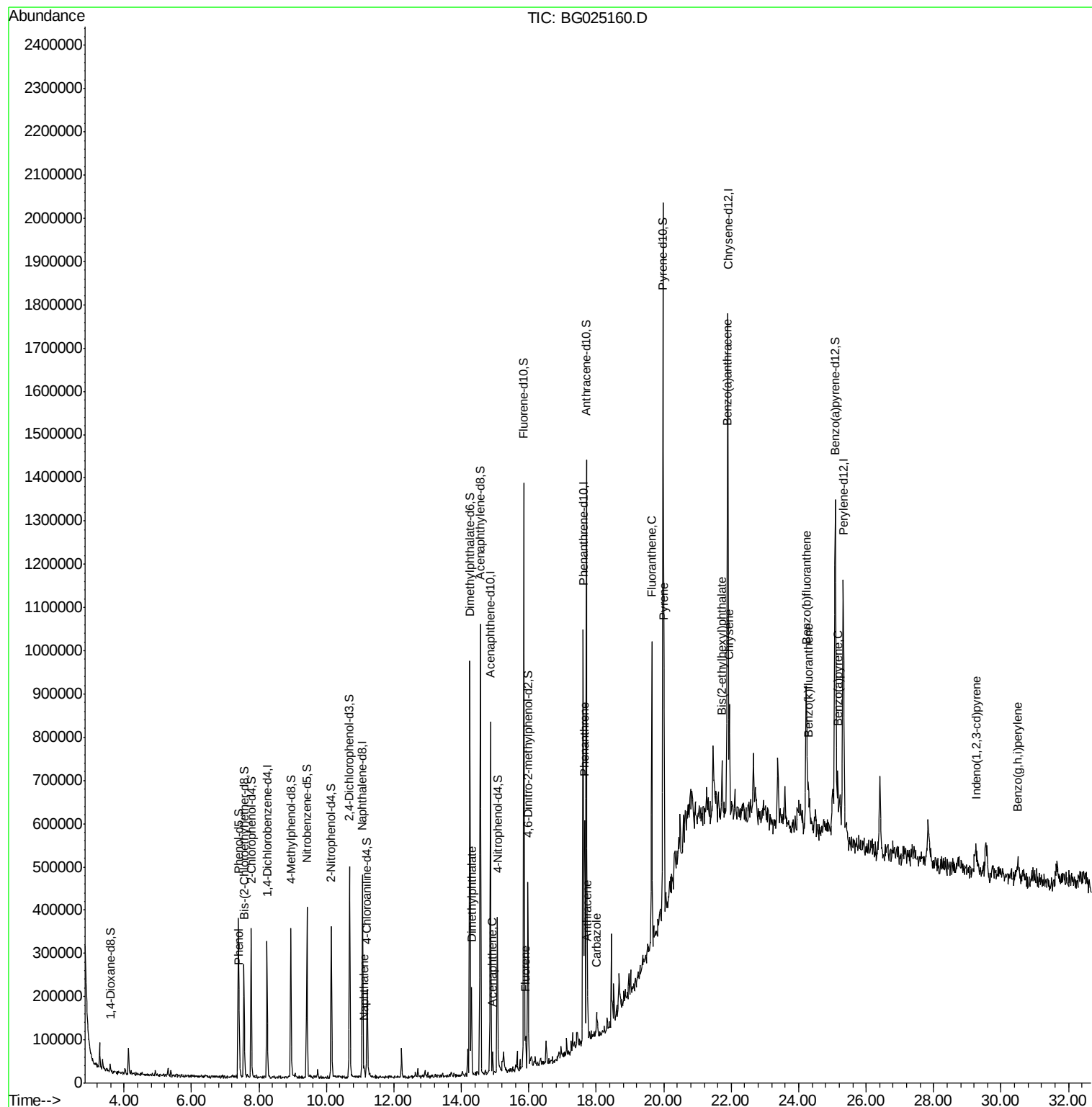
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025160.D
Acq On : 14 Dec 2016 00:45
Operator : UM/SJ
Sample : H5992-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

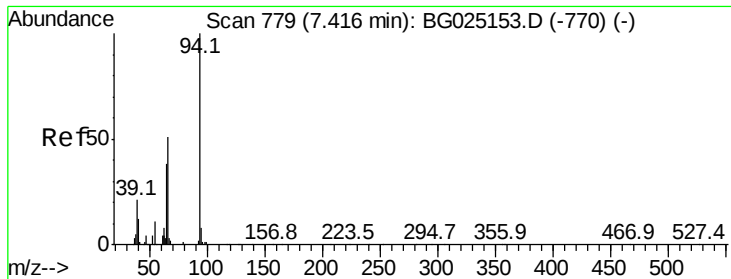
Instrument :
BNA_G
ClientSampleId :
P006-SS021-0106-03

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Quant Time: Dec 14 03:50:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.86 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Instrument :

BNA_G

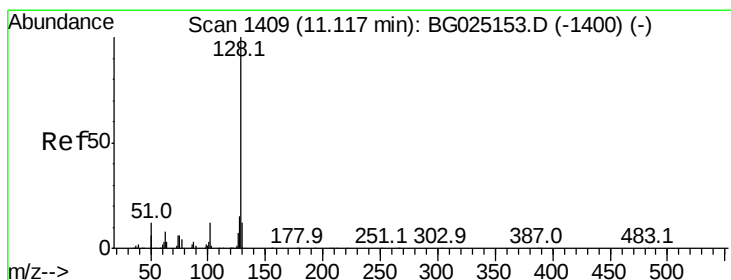
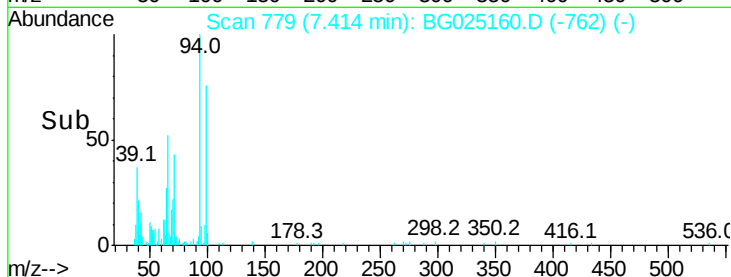
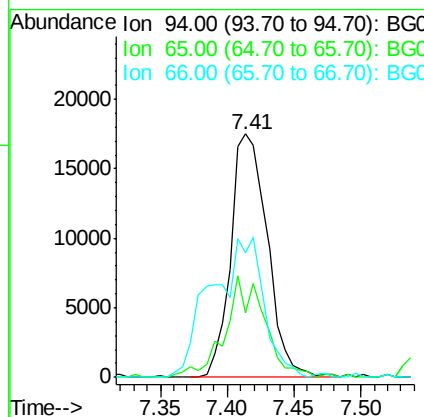
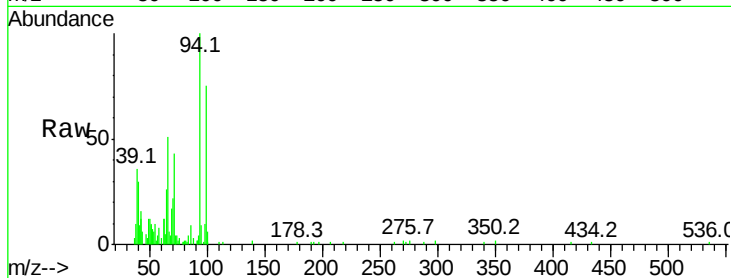
ClientSampleId :

P006-SS021-0106-03

Tot Ion:	94	Resp:	33528
Ion Ratio	Lower	Upper	
94	100		
65	26.3	26.8	40.2#
66	51.2	44.4	66.6

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#28

Naphthalene

Concen: 1.24 ng/ul

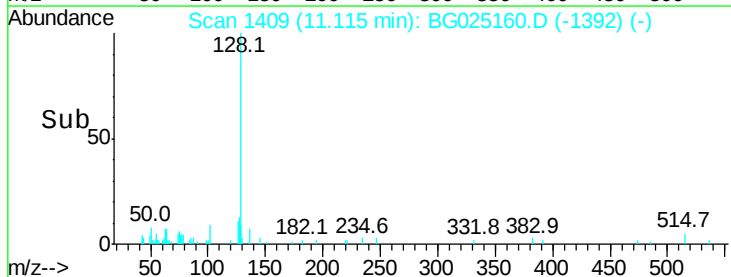
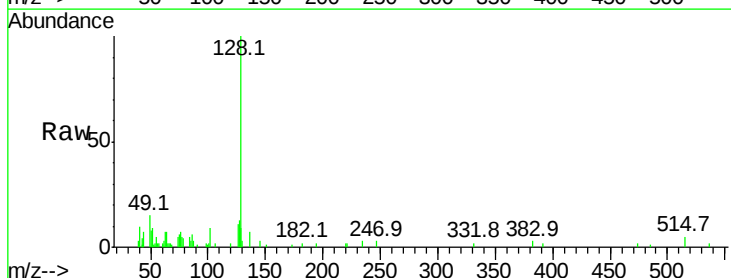
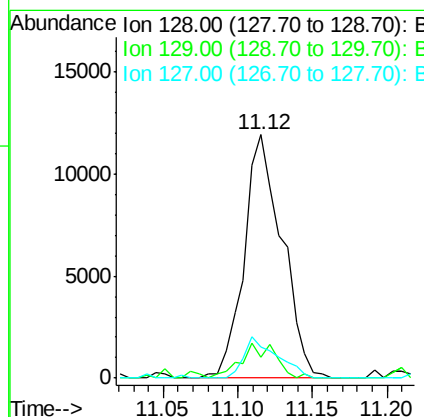
RT: 11.12 min Scan# 1409

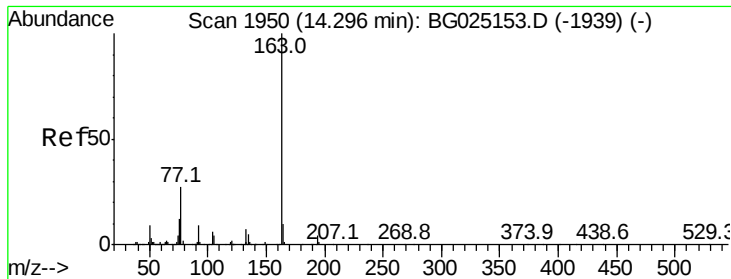
Delta R.T. -0.00 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Tgt Ion:	128	Resp:	20872
Ion Ratio	Lower	Upper	
128	100		
129	8.6	9.4	14.2#
127	12.7	10.3	15.5





#44

Dimethylphthalate

Concen: 5.80 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Instrument :

BNA_G

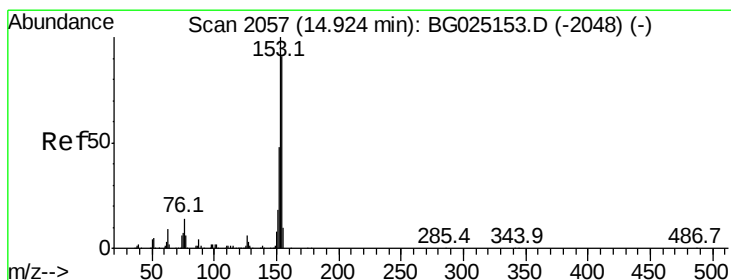
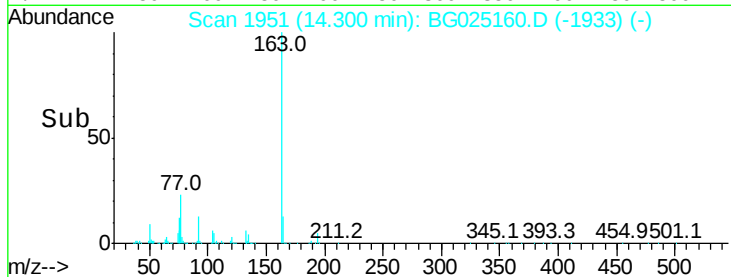
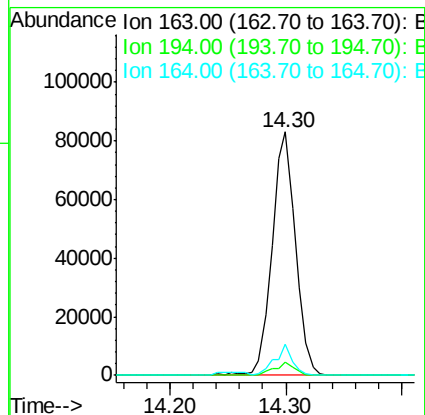
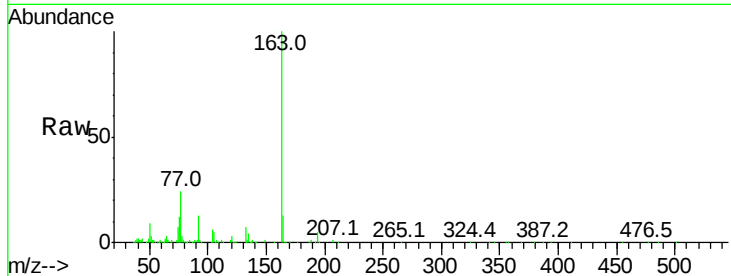
ClientSampleId :

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Tot Ion:163	Resp:	117615
Ion Ratio	Lower	Upper
163 100		
194 5.2	3.4	5.0#
164 12.7	9.0	13.4

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#49

Acenaphthene

Concen: 1.30 ng/ul

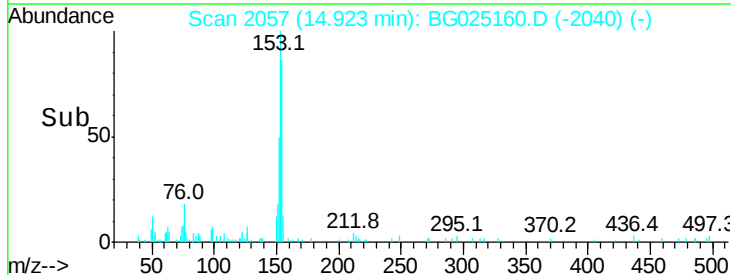
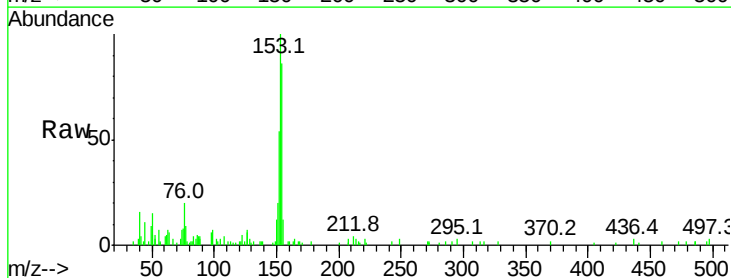
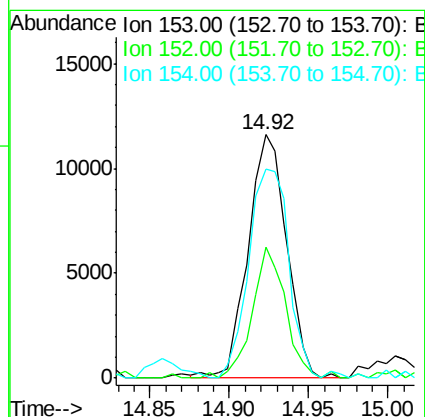
RT: 14.92 min Scan# 2057

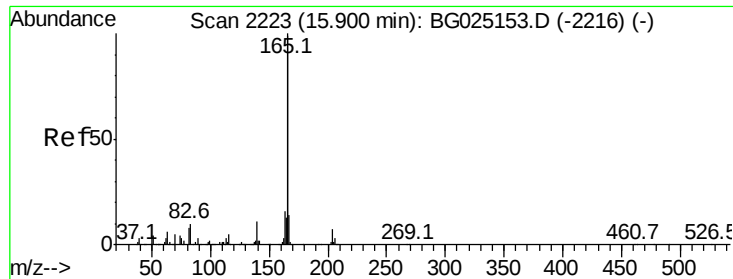
Delta R.T. -0.00 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Tgt Ion:153	Resp:	19572
Ion Ratio	Lower	Upper
153 100		
152 54.0	36.5	54.7
154 85.8	72.3	108.5





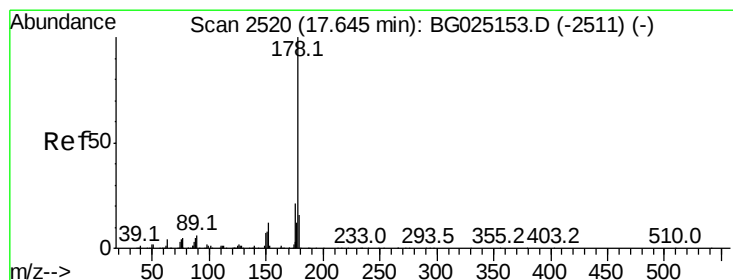
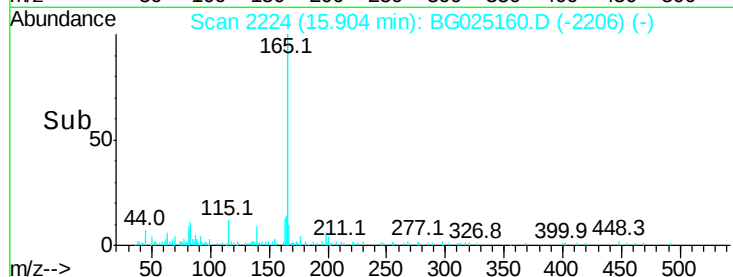
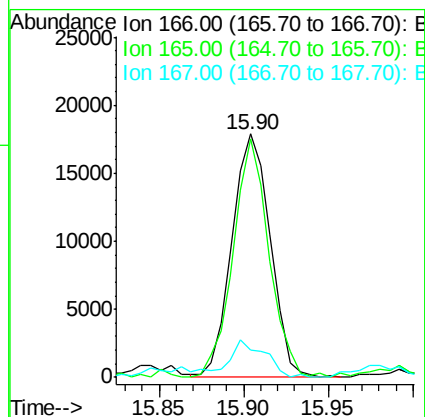
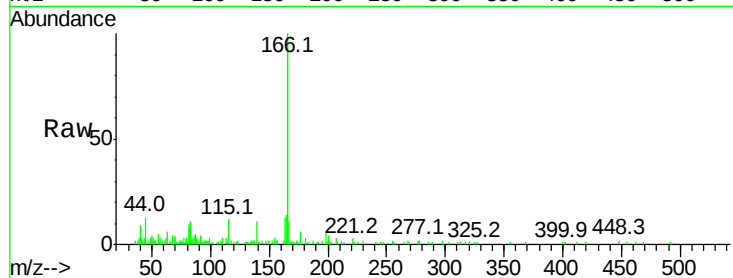
#58
Fluorene
 Concen: 1.46 ng/ul
 RT: 15.90 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BG025160.D
 Acq: 14 Dec 2016 00:45

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS021-0106-03

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.7	119.5
167	11.4	11.4	17.2

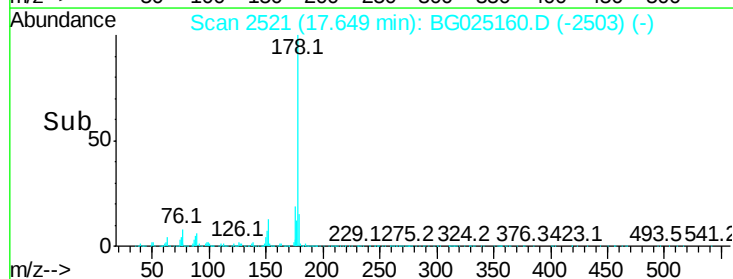
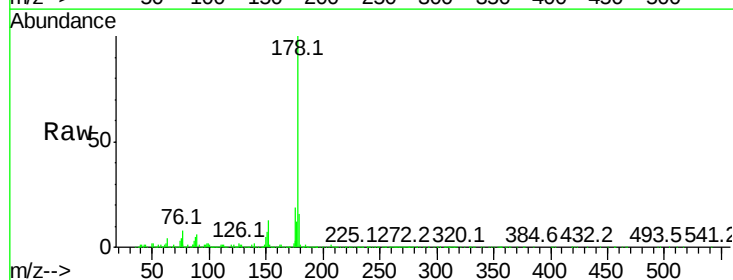
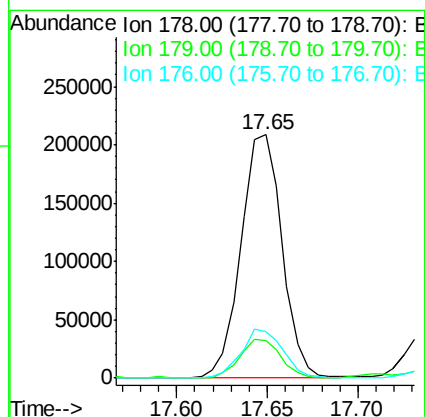
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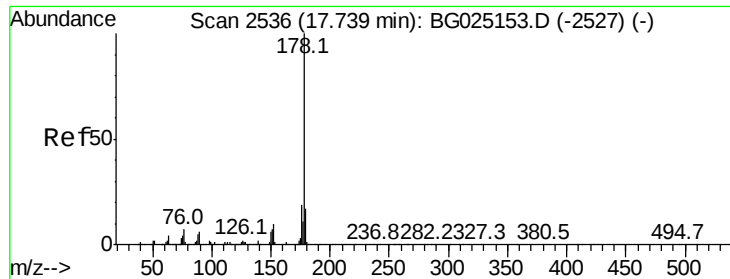
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#69
Phenanthrene
 Concen: 11.67 ng/ul
 RT: 17.65 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BG025160.D
 Acq: 14 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.0	16.5	24.7





#71

Anthracene

Concen: 2.41 ng/ul

RT: 17.74 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Instrument :

BNA_G

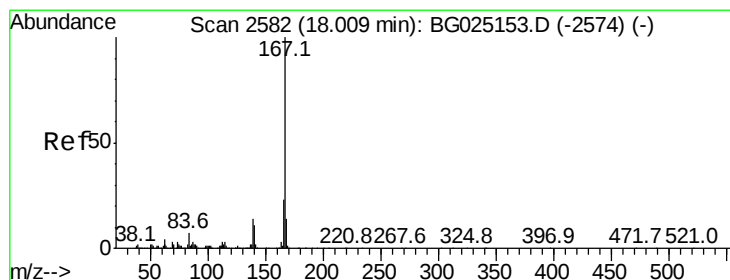
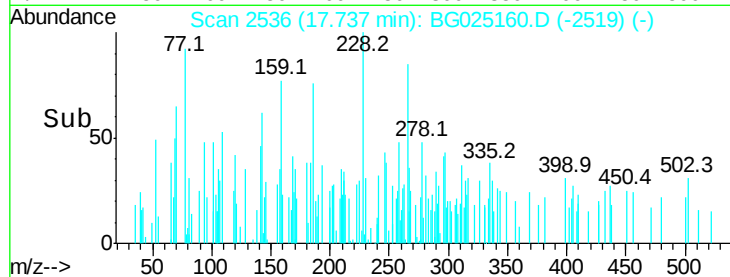
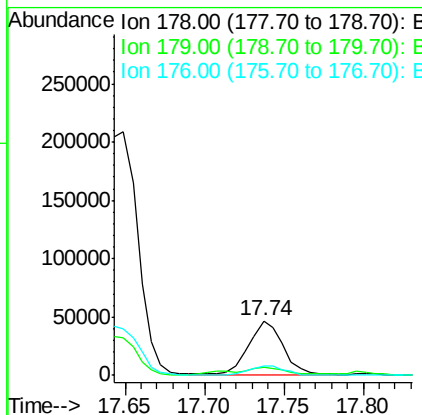
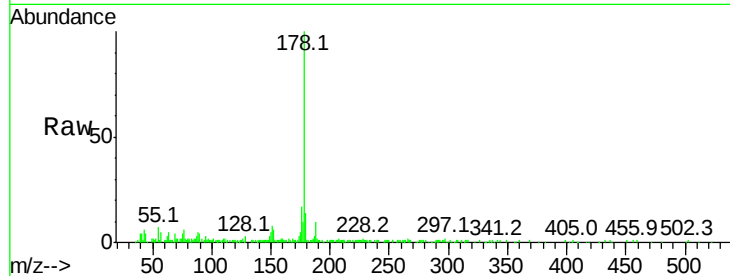
ClientSampleId :

P006-SS021-0106-03

Tot Ion:	178	Resp:	69488
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.6	19.0
176	16.9	15.9	23.9

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#72

Carbazole

Concen: 1.30 ng/ul

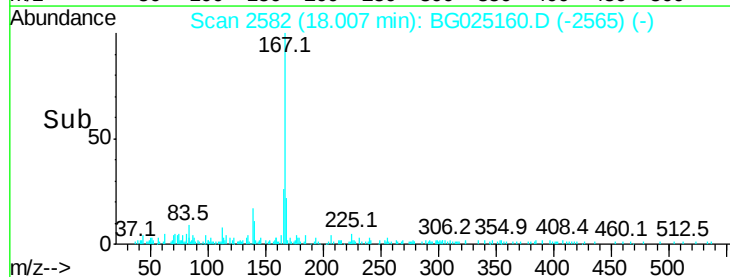
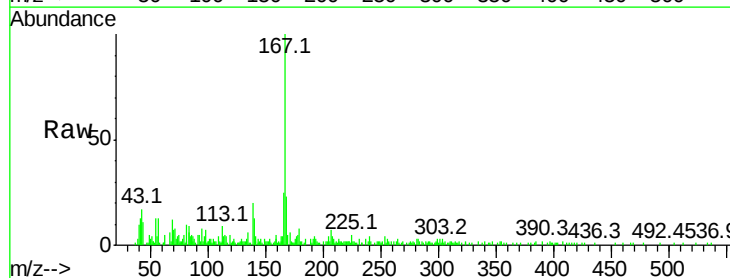
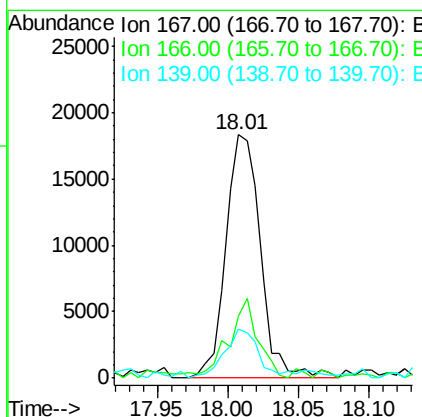
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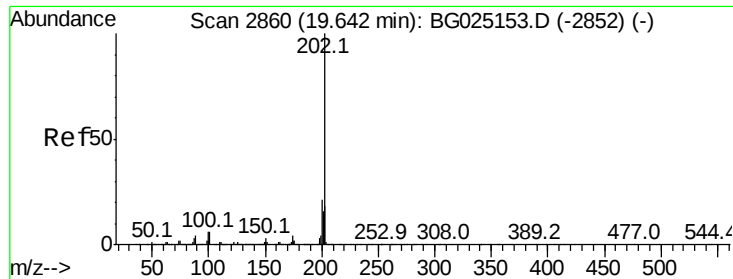
Delta R.T. -0.00 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Tgt Ion:	167	Resp:	31277
Ion Ratio	Lower	Upper	
167	100		
166	25.1	17.9	26.9
139	20.1	10.5	15.7#





#74

Fluoranthene

Concen: 13.64 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Instrument :

BNA_G

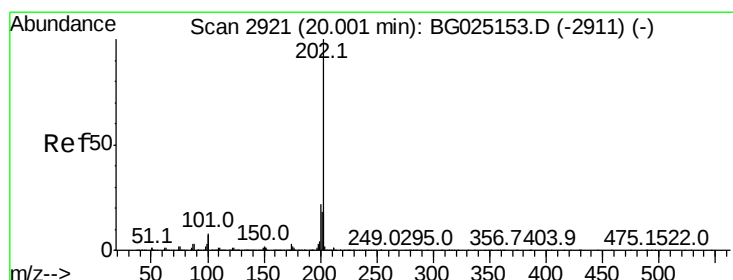
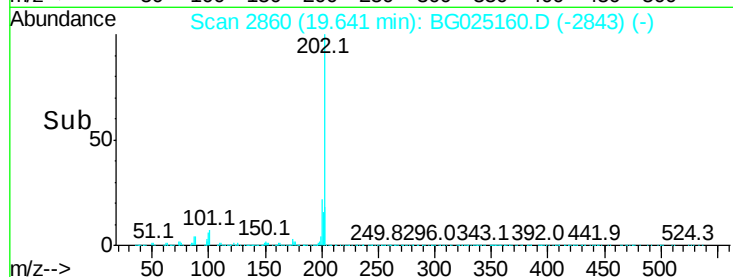
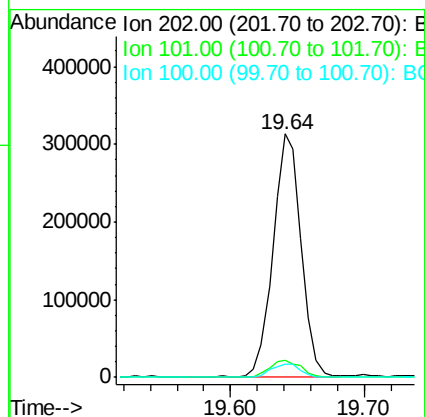
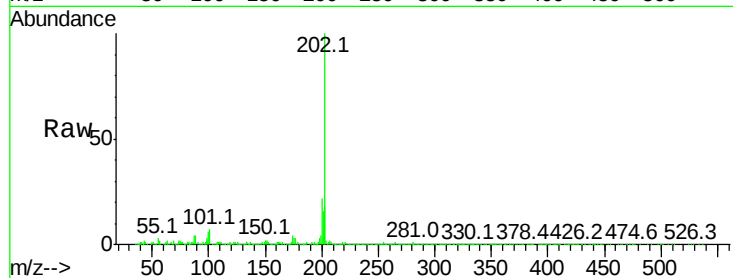
ClientSampleId :

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Tot Ion:	202	Resp:	455062
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.2	9.2
100	5.7	5.2	7.8

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#77

Pyrene

Concen: 10.94 ng/ul

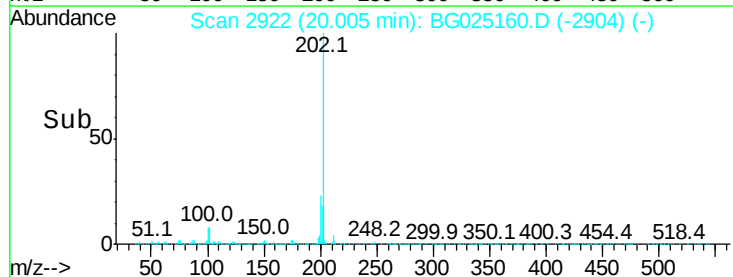
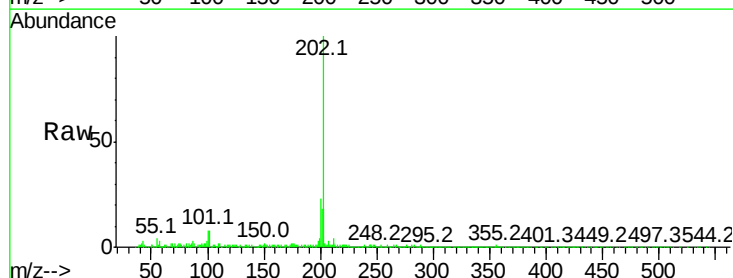
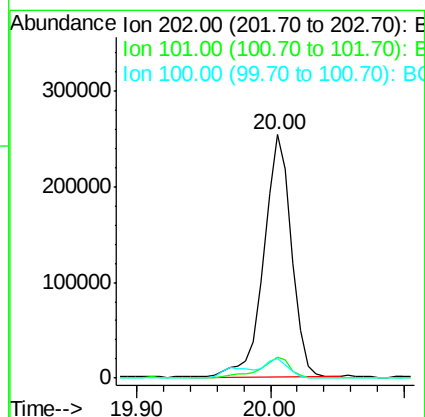
RT: 20.00 min Scan# 2922

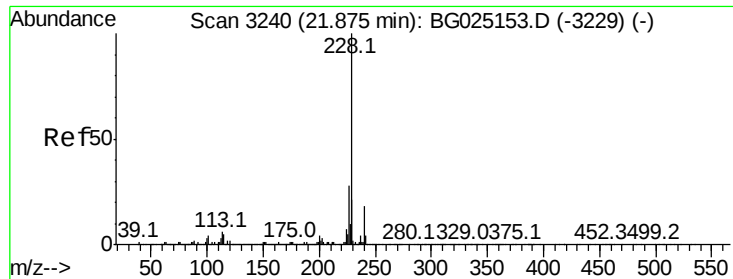
Delta R.T. 0.00 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Tgt Ion:	202	Resp:	363658
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.9	10.3
100	8.2	6.6	10.0





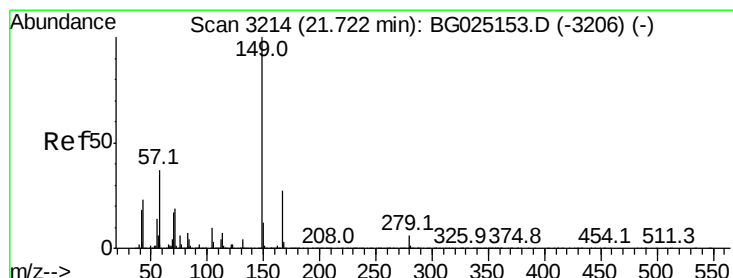
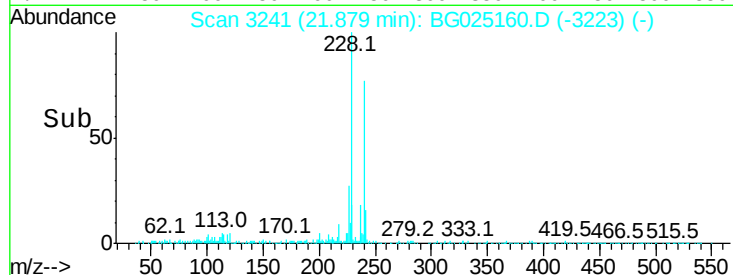
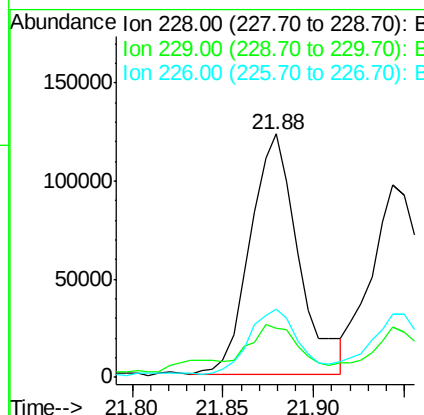
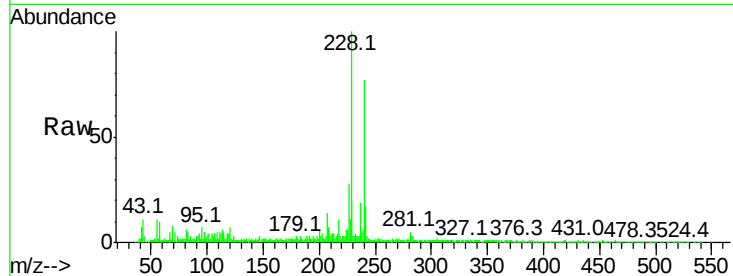
#80
Benzo(a)anthracene
Concen: 6.32 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG025160.D
Acq: 14 Dec 2016 00:45

Instrument :
BNA_G
ClientSampleId :
P006-SS021-0106-03

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.3	24.5
226	28.0	21.9	32.9

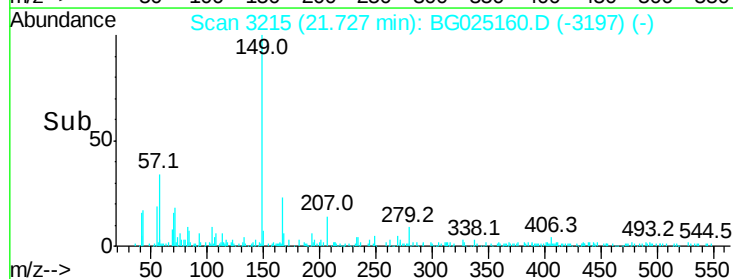
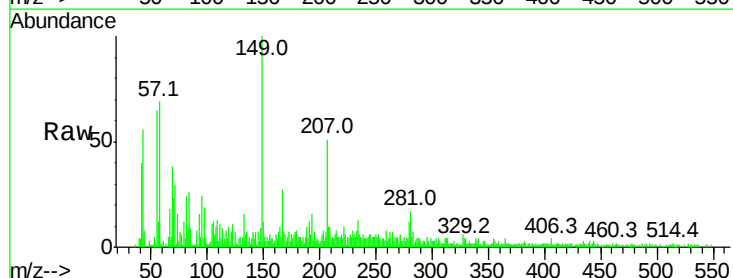
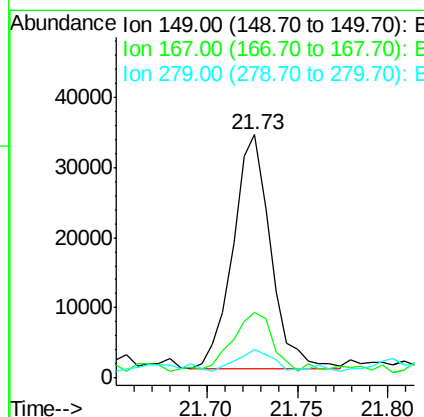
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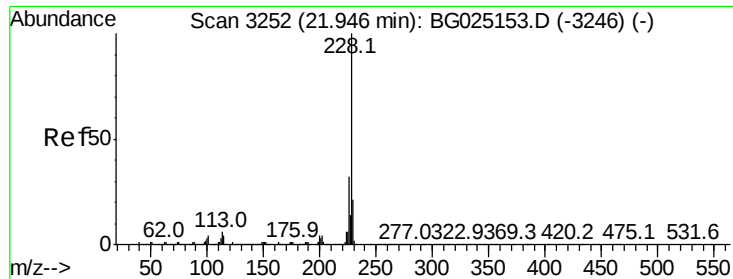
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.71 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.00 min
Lab File: BG025160.D
Acq: 14 Dec 2016 00:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	11.6	4.5	6.7#





#82

Chrysene

Concen: 5.73 ng/ul m

RT: 21.94 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Instrument :

BNA_G

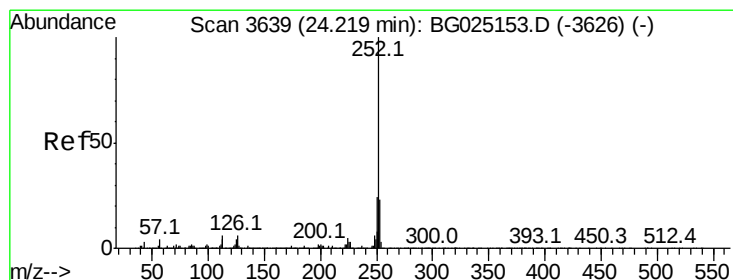
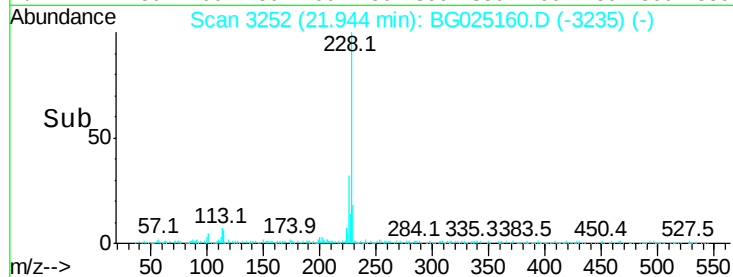
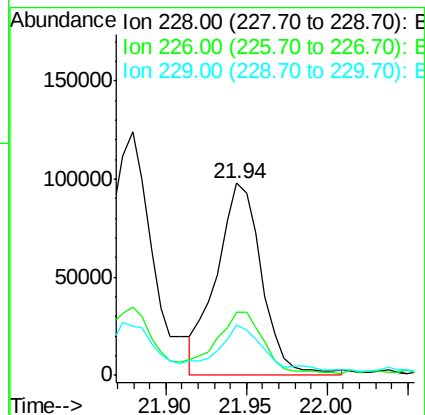
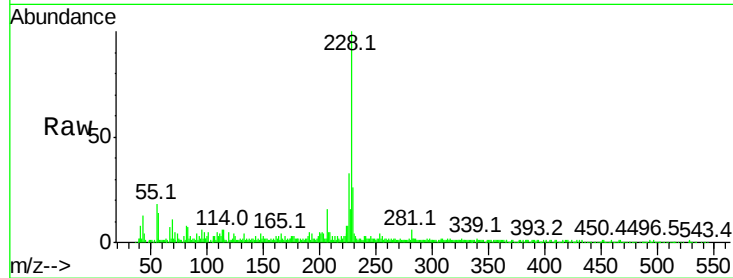
ClientSampleId :

P006-SS021-0106-03

Tot Ion:	228	Resp:	192413
Ion Ratio		Lower	Upper
228	100		
226	32.9	24.0	36.0
229	26.1	16.9	25.3#

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#85

Benzo(b)fluoranthene

Concen: 7.22 ng/ul m

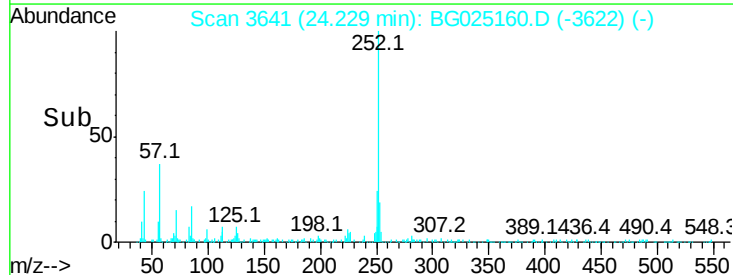
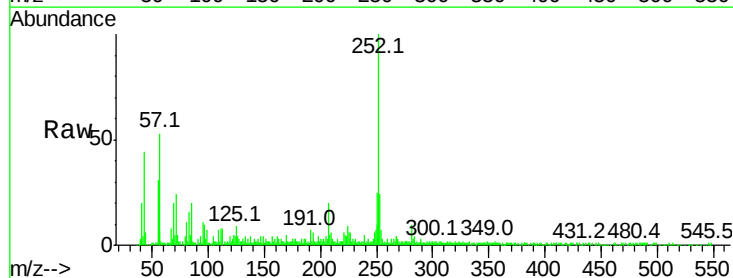
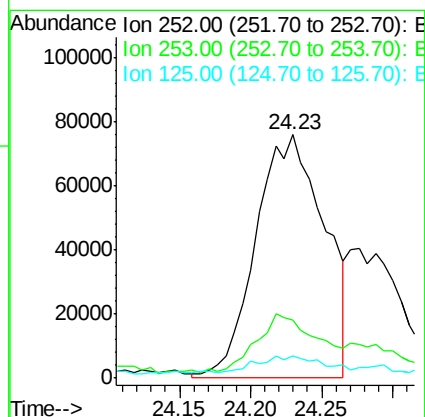
RT: 24.23 min Scan# 3641

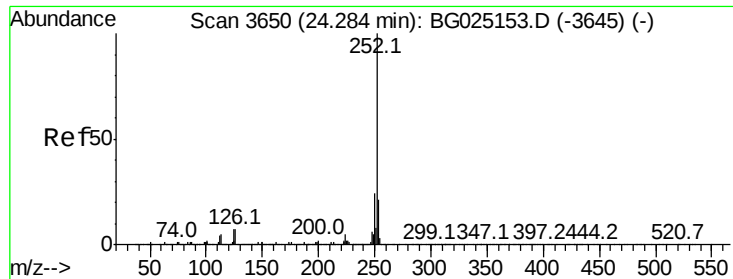
Delta R.T. 0.01 min

Lab File: BG025160.D

Acq: 14 Dec 2016 00:45

Tgt Ion:	252	Resp:	256078
Ion Ratio		Lower	Upper
252	100		
253	23.8	17.7	26.5
125	9.0	4.0	6.0#





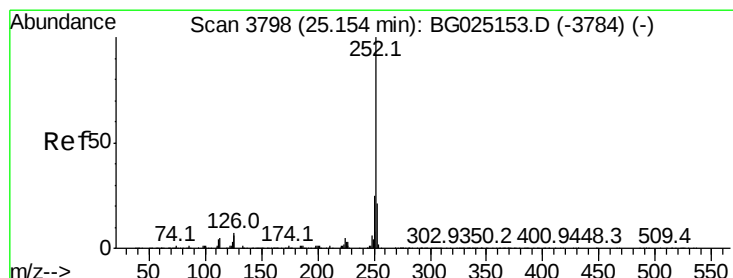
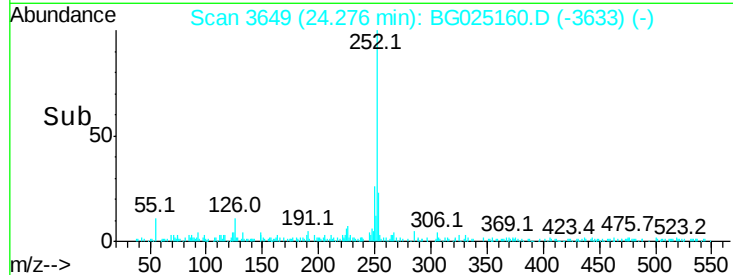
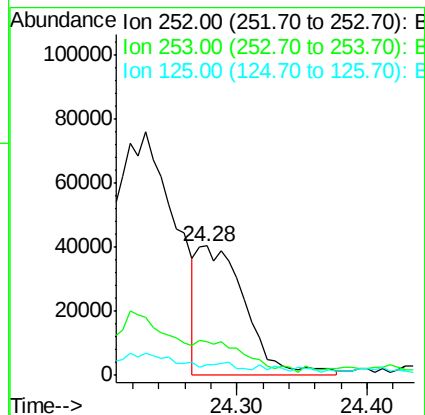
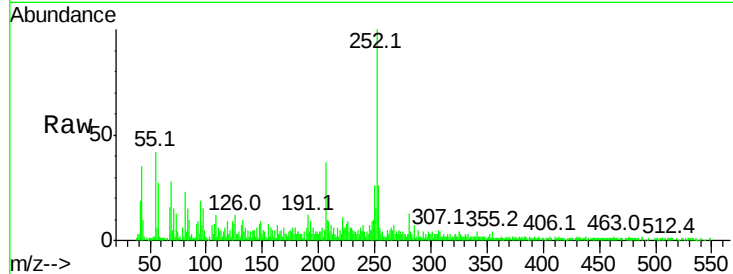
#86
Benzo(k)fluoranthene
Concen: 3.13 ng/ul m
RT: 24.28 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG025160.D
Acq: 14 Dec 2016 00:45

Instrument :
BNA_G
ClientSampleId :
P006-SS021-0106-03

Tot Ion	Ratio	Resp	Lower	Upper
252	100	105373		
253	25.9	18.5	27.7	
125	8.3	4.1	6.1	

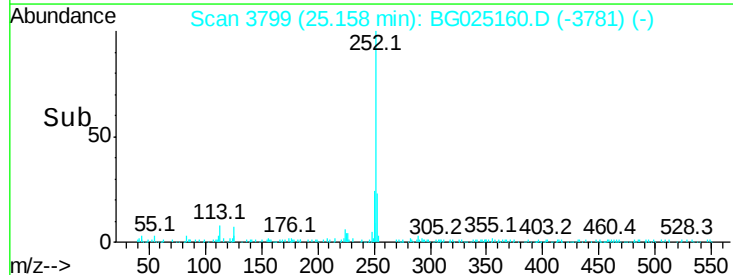
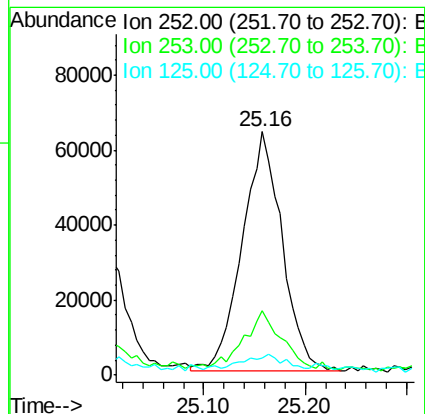
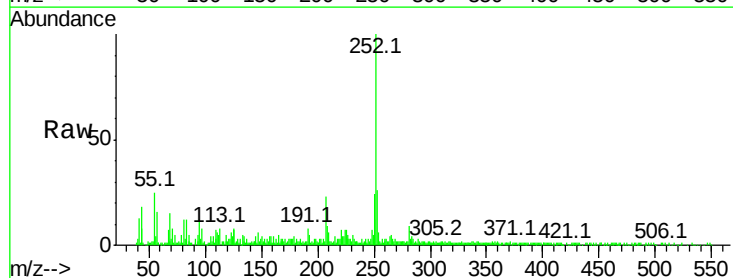
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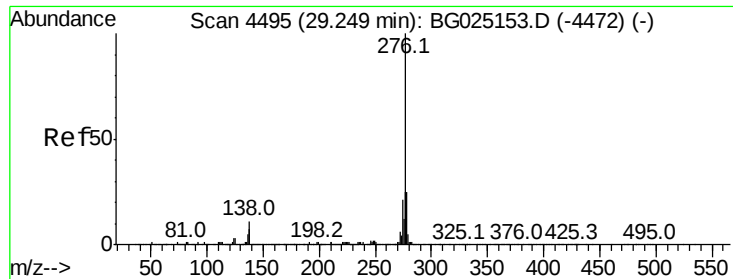
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#88
Benzo(a)pyrene
Concen: 5.12 ng/ul
RT: 25.16 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BG025160.D
Acq: 14 Dec 2016 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	174764		
253	26.3	17.8	26.6	
125	7.2	5.4	8.0	





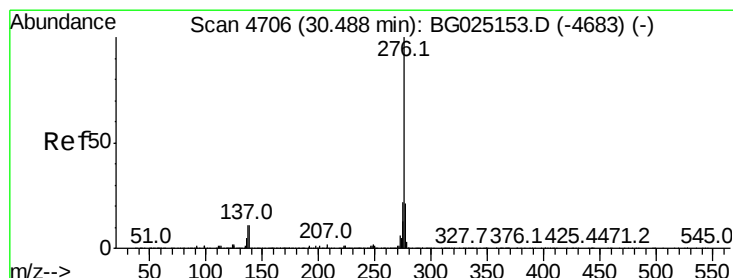
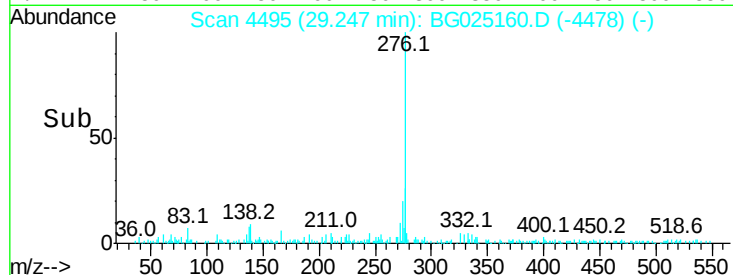
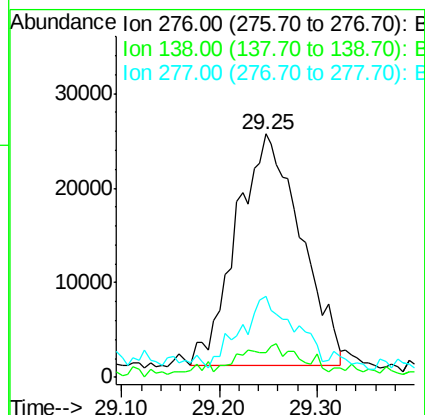
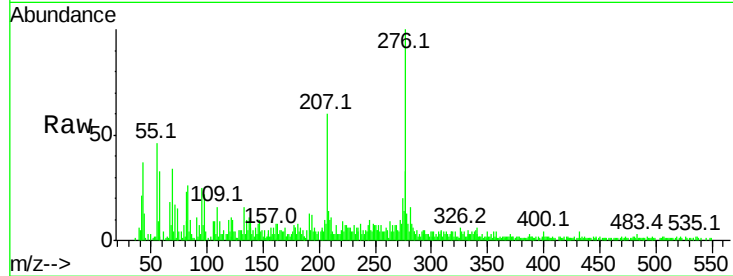
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.66 ng/ul
 RT: 29.25 min Scan# 4495
 Delta R.T. -0.00 min
 Lab File: BG025160.D
 Acq: 14 Dec 2016 00:45

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS021-0106-03

Tot Ion	Ratio	Resp	Lower	Upper
276	100	112671		
138	10.0		8.2	12.4
277	33.4		18.6	28.0

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 2.31 ng/ul
 RT: 30.49 min Scan# 4707
 Delta R.T. 0.00 min
 Lab File: BG025160.D
 Acq: 14 Dec 2016 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	81746		
138	12.2		8.6	12.8
277	24.2		17.6	26.4

