

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
 Data File : BG021510.D
 Acq On : 25 Mar 2016 11:40
 Operator : UM/SJ
 Sample : H1909-10MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T45MS

Manual Integrations
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 3/28/2016 7:29:25 PM

Quant Time: Mar 26 00:27:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	17689	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	80578	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	48668	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	106046	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	120626	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	118923	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	940	2.38	ng/uL	0.00
5) Phenol-d5	7.33	99	27764	16.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	18070	18.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	22126	17.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	25181	17.58	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	11543	19.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	12258	17.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	23274	18.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	18517	11.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	73625	18.17	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	94416	18.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	8951	13.82	ng/ul	0.00
58) Fluorene-d10	15.66	176	68472	18.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	11492	16.40	ng/ul	0.00
71) Anthracene-d10	17.52	188	102687	19.76	ng/ul	0.00
79) Pyrene-d10	19.79	212	116959	20.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	123284	22.46	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.37	94	28239	15.97	ng/ul	96
10) 2-Chlorophenol	7.67	128	21484	16.46	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.86	70	20797	16.05	ng/ul	96
33) 4-Chloro-3-methylphenol	12.24	107	28246	18.03	ng/ul	94
45) Dimethylphthalate	14.12	163	28224	6.70	ng/ul	99
50) Acenaphthene	14.74	153	63892	18.72	ng/ul	98
53) 4-Nitrophenol	15.09	109	10440	15.54	ng/ul	93
55) 2,4-Dinitrotoluene	15.04	165	22158	17.59	ng/ul	89
69) Pentachlorophenol	17.09	266	5736	16.60	ng/ul	92
77) Fluoranthene	19.46	202	14265	1.97	ng/ul#	96
80) Pyrene	19.82	202	159392	22.18	ng/ul#	93
83) Benzo(a)anthracene	21.65	228	9788	1.34	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.53	149	5140	1.16	ng/ul#	94
85) Chrysene	21.72	228	9299	1.35	ng/ul	92
88) Benzo(b)fluoranthene	23.87	252	22119	2.90	ng/ul	96
89) Benzo(k)fluoranthene	23.91	252	8818m	1.18	ng/ul	
91) Benzo(a)pyrene	24.74	252	19361	2.61	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	28.56	276	19124m	2.27	ng/ul	
94) Benzo(g,h,i)perylene	29.71	276	21487m	3.10	ng/ul	

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

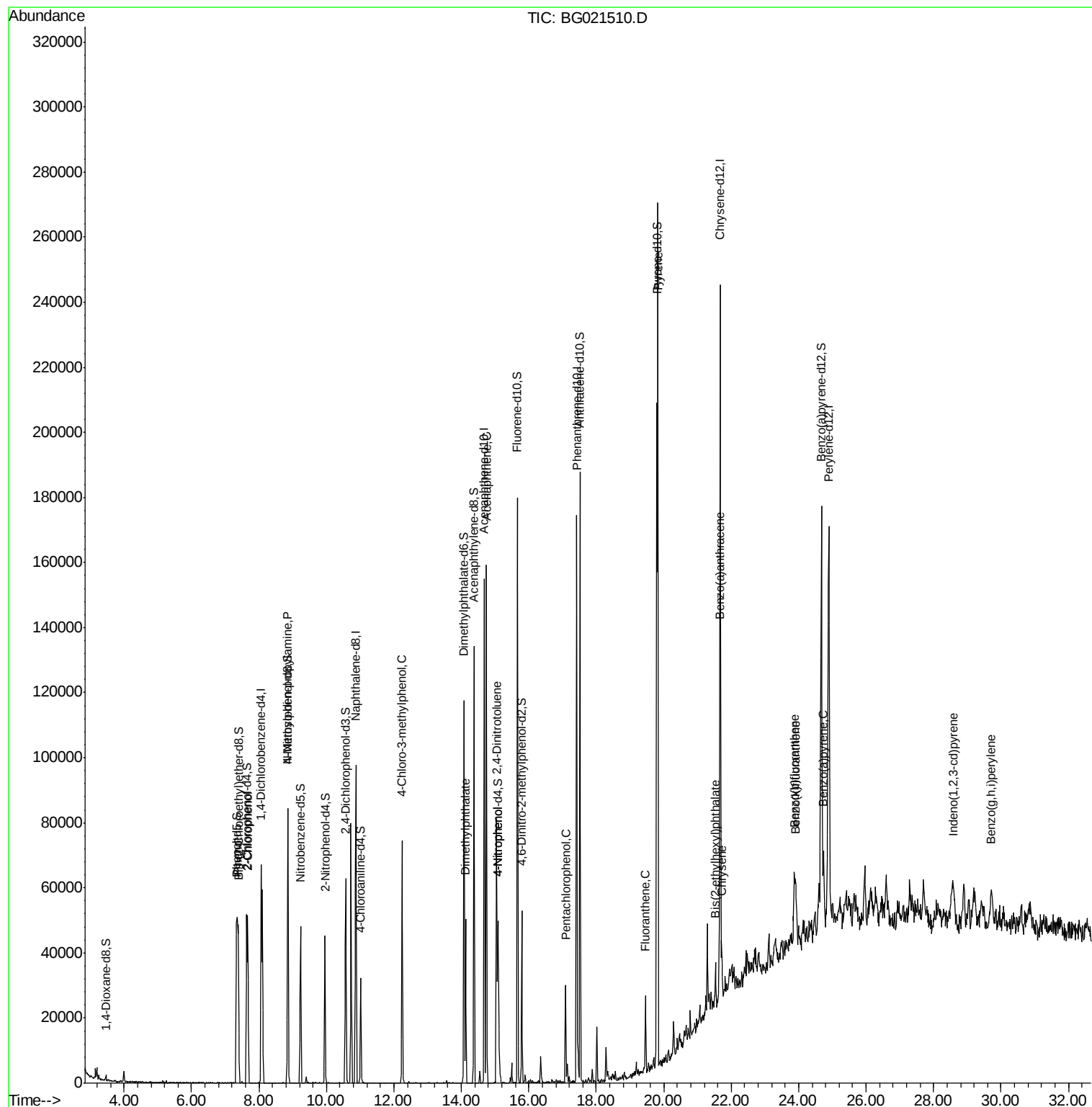
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032516\
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Acq On : 25 Mar 2016 11:40
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Sample : H1909-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

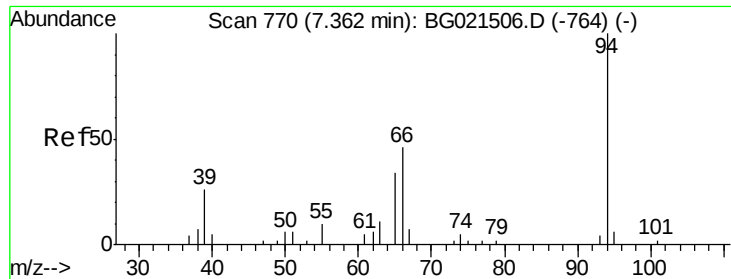
Instrument :
BNA_G
ClientSampleId :
A4T45MS

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Quant Time: Mar 26 00:27:05 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 23:28:37 2016
Response via : Initial Calibration





#6

Phenol

Concen: 15.97 ng/ul

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021510.D

Acq: 25 Mar 2016 11:40

Instrument :

BNA_G

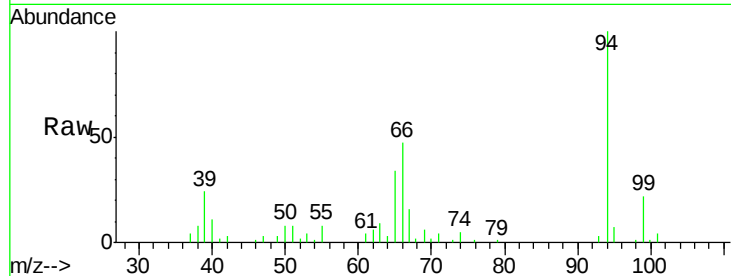
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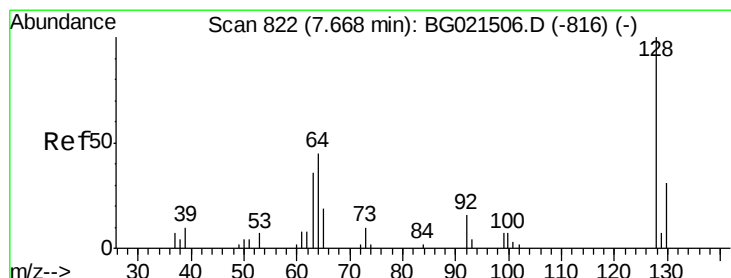
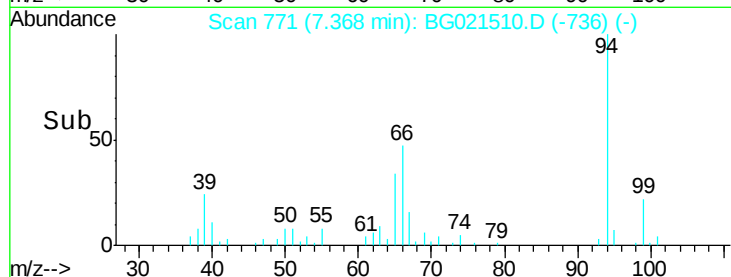
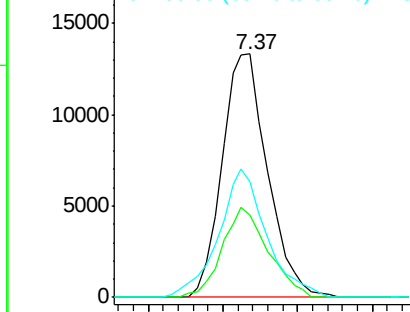
Tot Ion:	94	Resp:	28239
Ion	Ratio	Lower	Upper
94	100		
65	33.8	26.1	39.1
66	47.2	35.0	52.4

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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 16.46 ng/ul

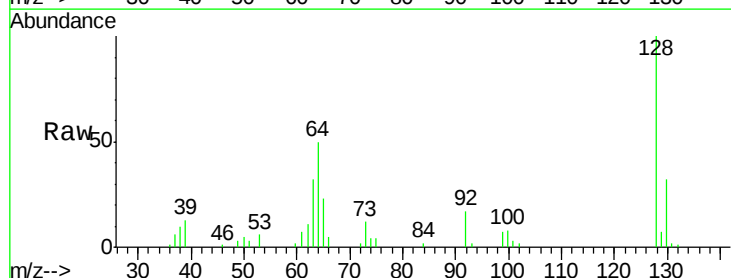
RT: 7.67 min Scan# 823

Delta R.T. 0.01 min

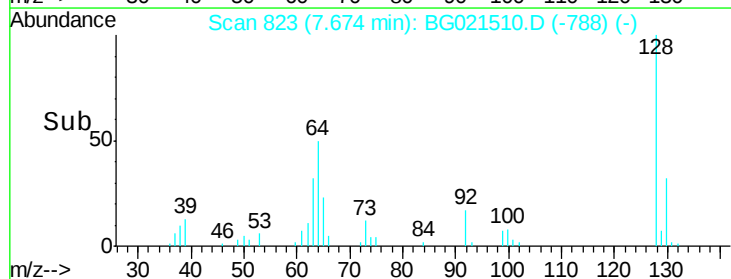
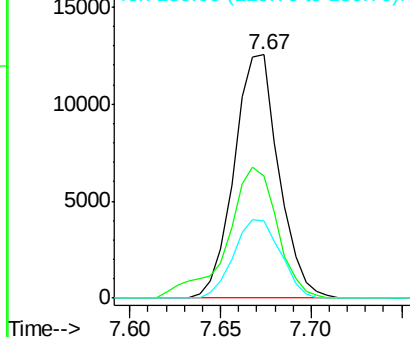
Lab File: BG021510.D

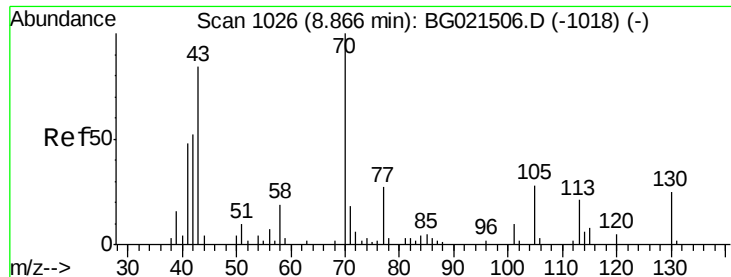
Acq: 25 Mar 2016 11:40

Tgt Ion:	128	Resp:	21484
Ion	Ratio	Lower	Upper
128	100		
64	50.2	47.0	70.6
130	31.6	27.8	41.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#15

N-Nitroso-di-n-propylamine

Concen: 16.05 ng/ul

RT: 8.86 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG021510.D

Acq: 25 Mar 2016 11:40

Instrument :

BNA_G

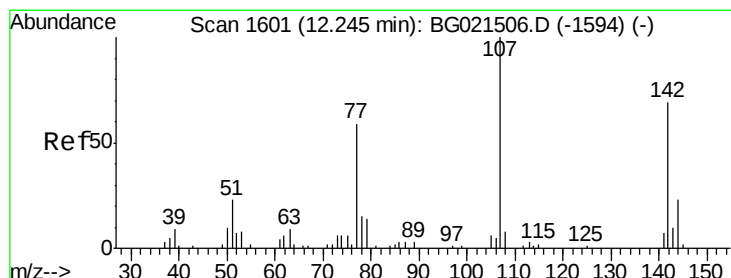
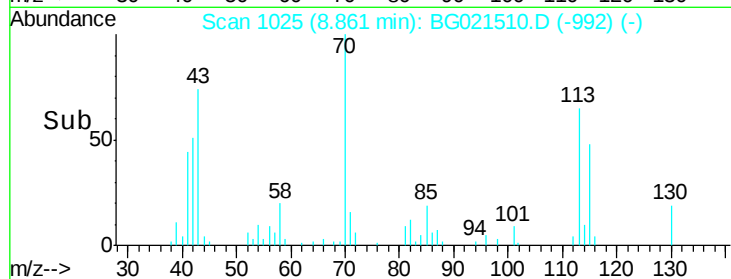
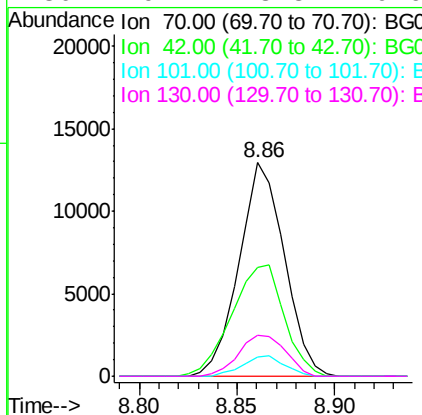
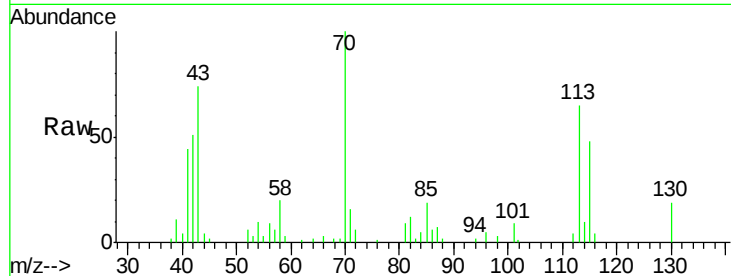
ClientSampleId :

A4T45MS

Tot Ion:	70	Resp:	20797
Ion Ratio	Lower	Upper	
70	100		
42	50.8	43.4	65.0
101	8.8	6.5	9.7
130	19.2	13.8	20.6

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#33

4-Chloro-3-methylphenol

Concen: 18.03 ng/ul

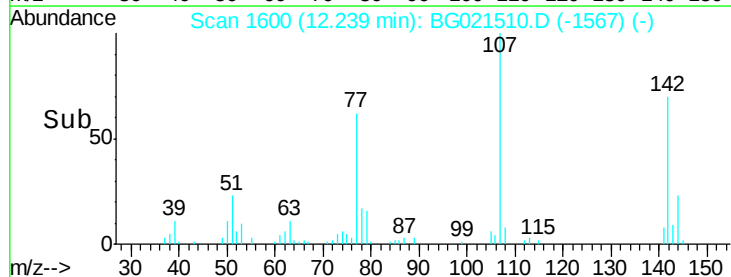
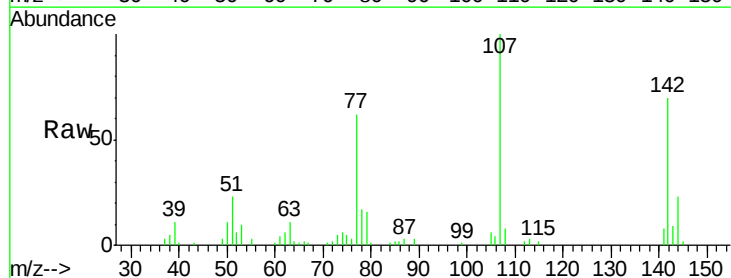
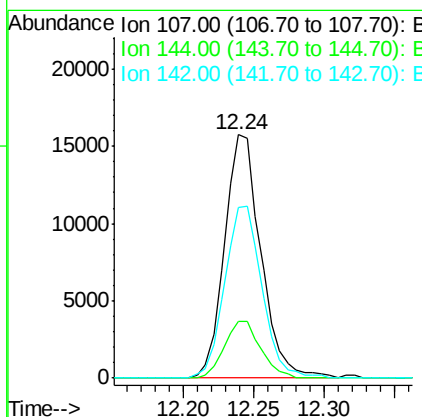
RT: 12.24 min Scan# 1600

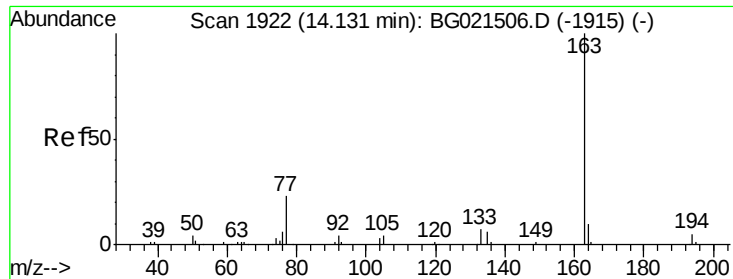
Delta R.T. -0.01 min

Lab File: BG021510.D

Acq: 25 Mar 2016 11:40

Tgt Ion:	107	Resp:	28246
Ion Ratio	Lower	Upper	
107	100		
144	23.2	17.2	25.8
142	70.0	52.0	78.0





#45

Dimethylphthalate

Concen: 6.70 ng/ul

RT: 14.12 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG021510.D

Acq: 25 Mar 2016 11:40

Instrument :

BNA_G

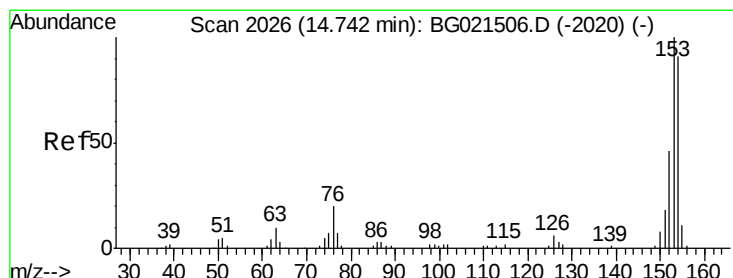
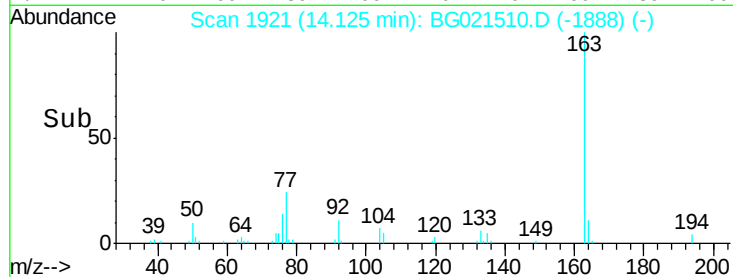
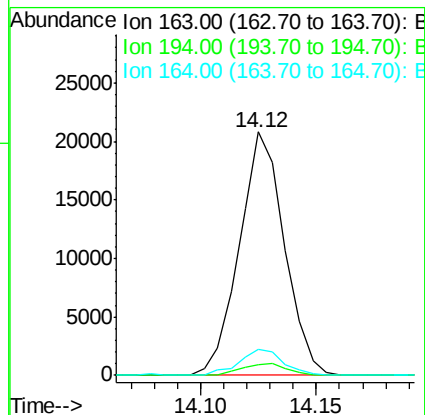
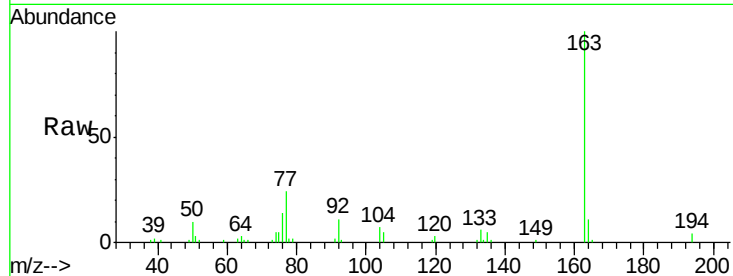
ClientSampleId :

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Tot Ion:	163	Resp:	28224
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.9	5.9
164	10.9	8.7	13.1

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#50

Acenaphthene

Concen: 18.72 ng/ul

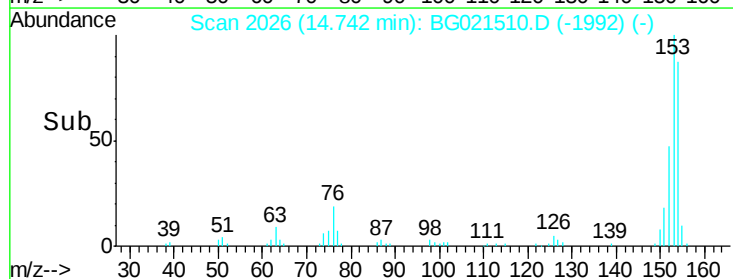
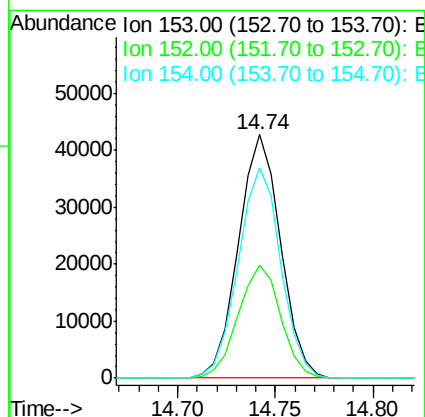
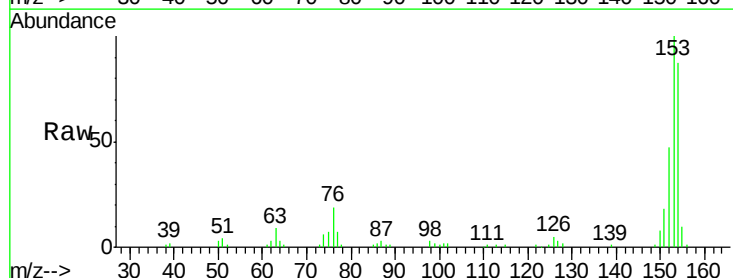
RT: 14.74 min Scan# 2026

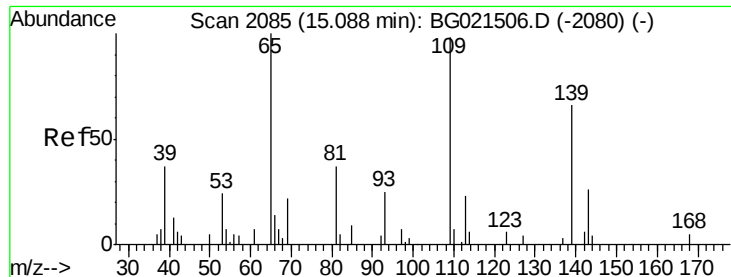
Delta R.T. 0.00 min

Lab File: BG021510.D

Acq: 25 Mar 2016 11:40

Tgt Ion:	153	Resp:	63892
Ion Ratio	Lower	Upper	
153	100		
152	46.6	36.5	54.7
154	86.5	67.3	100.9





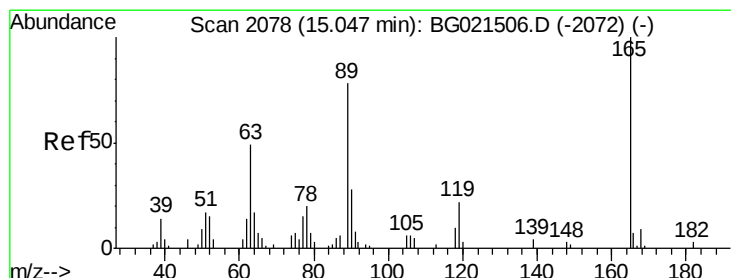
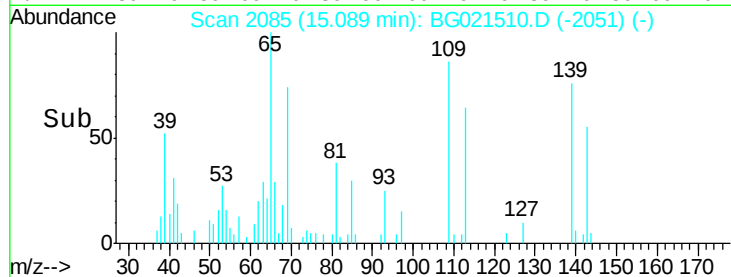
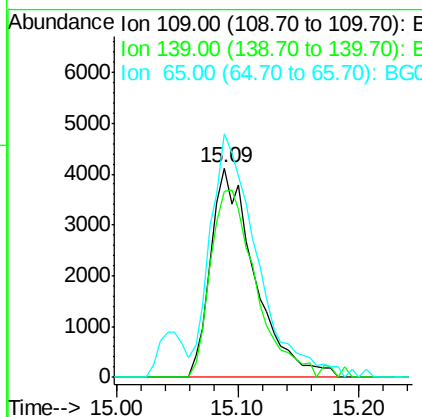
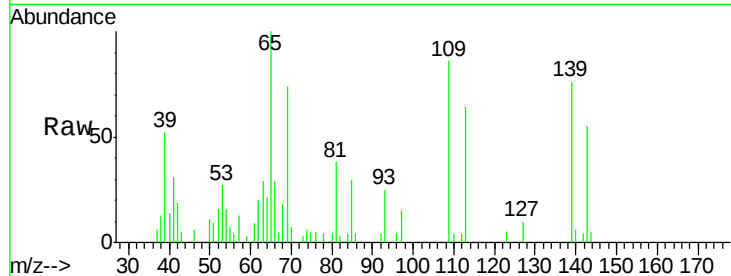
#53
4-Nitrophenol
Concen: 15.54 ng/ul
RT: 15.09 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100	10440		
139	88.6	75.9	113.9	
65	116.3	99.8	149.8	

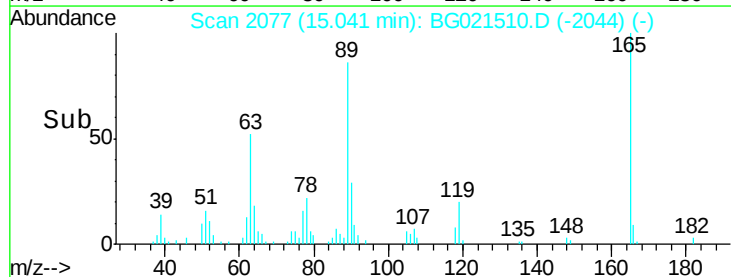
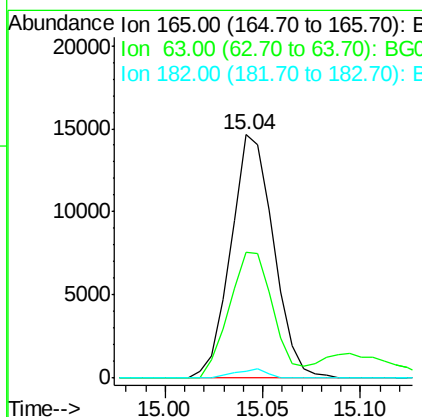
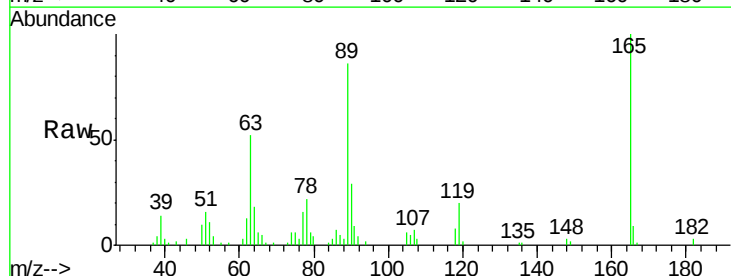
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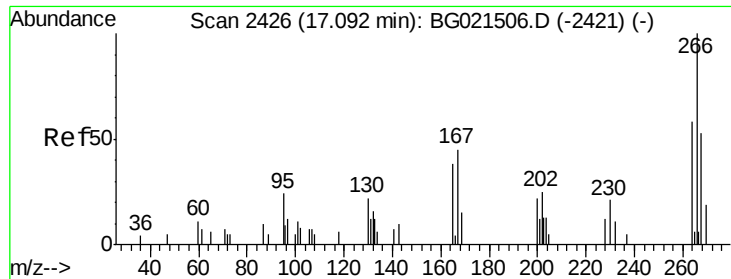
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#55
2,4-Dinitrotoluene
Concen: 17.59 ng/ul
RT: 15.04 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	22158		
63	51.7	48.1	72.1	
182	2.6	2.2	3.2	





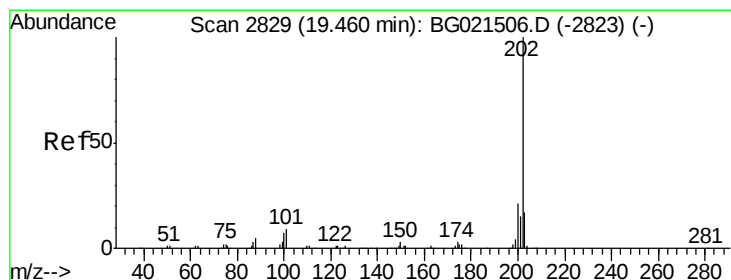
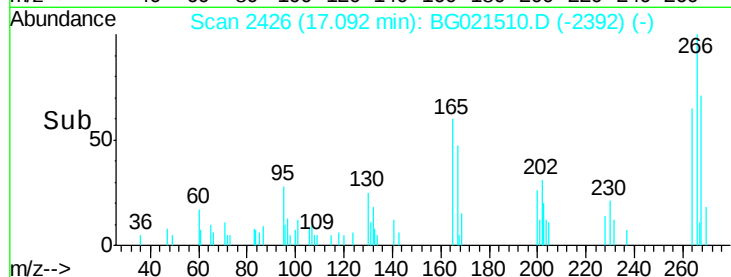
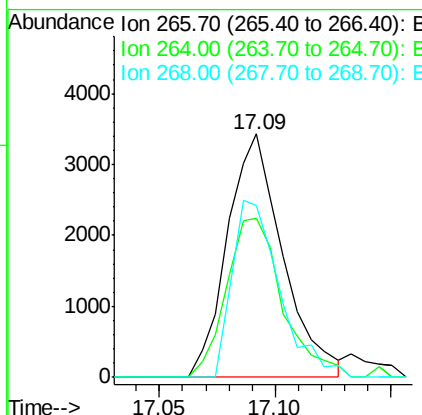
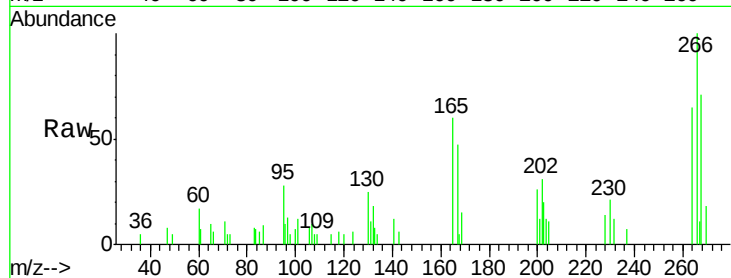
#69
 Pentachlorophenol
 Concen: 16.60 ng/ul
 RT: 17.09 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BG021510.D
 Acq: 25 Mar 2016 11:40

Instrument :
 BNA_G
 ClientSampleId :
 A4T45MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	65.2	56.7	85.1
268	70.8	50.6	76.0

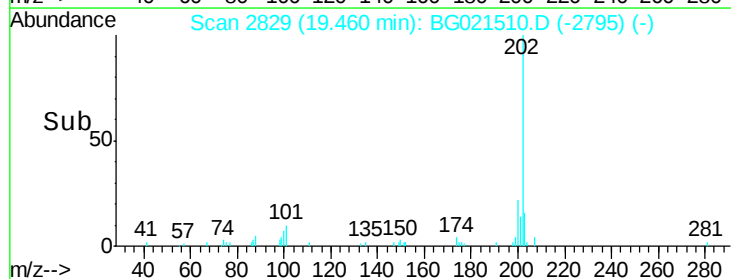
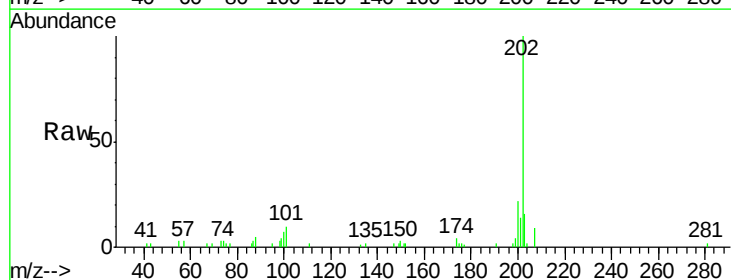
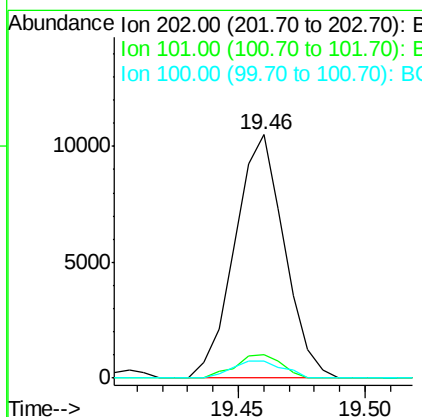
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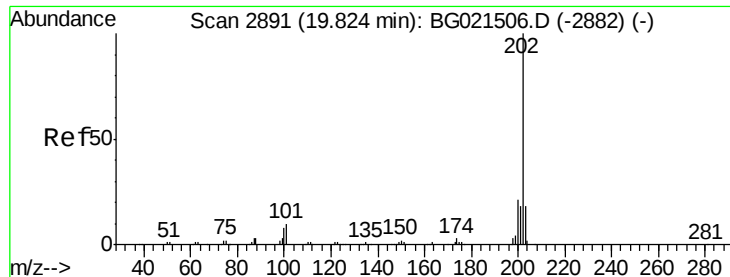
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#77
 Fluoranthene
 Concen: 1.97 ng/ul
 RT: 19.46 min Scan# 2829
 Delta R.T. 0.00 min
 Lab File: BG021510.D
 Acq: 25 Mar 2016 11:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.9	13.3
100	6.9	7.0	10.4#





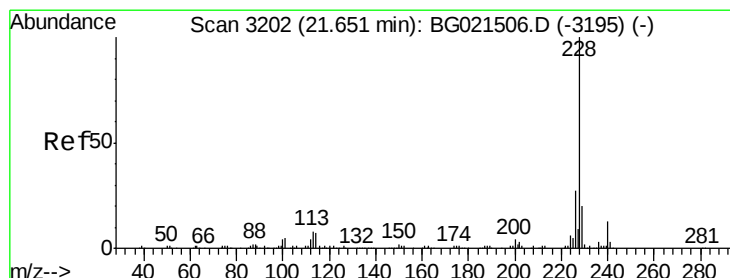
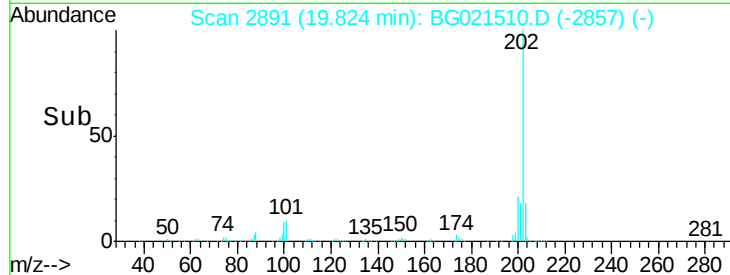
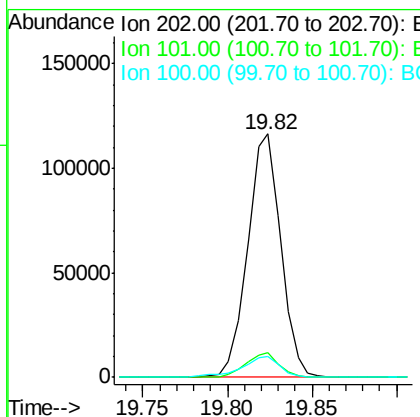
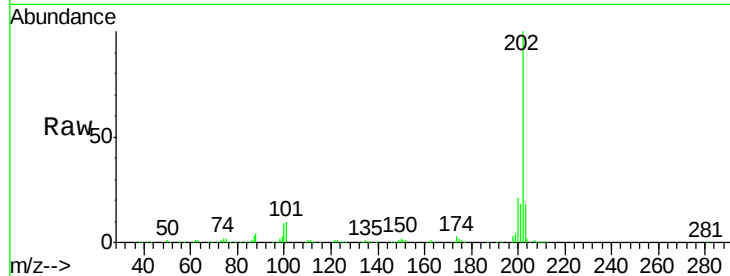
#80
Pvrene
Concen: 22.18 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	9.8	14.8
100	8.8	9.3	13.9

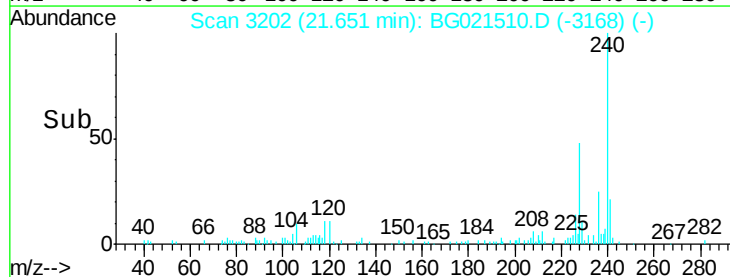
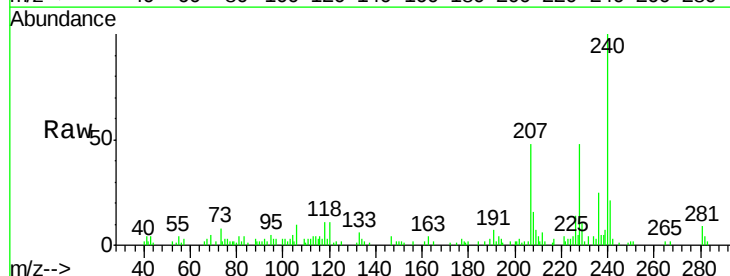
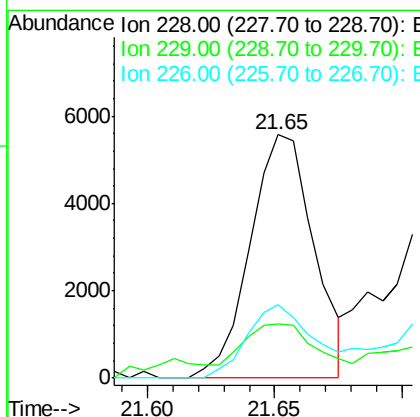
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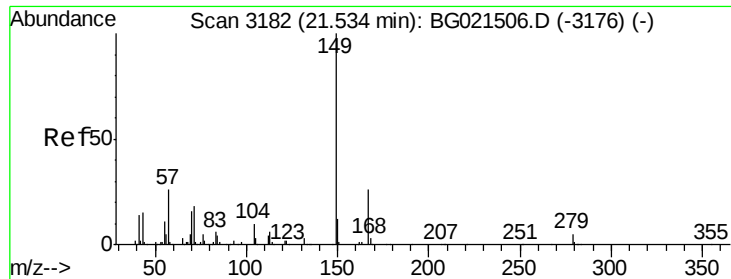
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#83
Benzo(a)anthracene
Concen: 1.34 ng/ul
RT: 21.65 min Scan# 3202
Delta R.T. 0.00 min
Lab File: BG021510.D
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Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.2	16.6	25.0
226	30.1	21.0	31.4





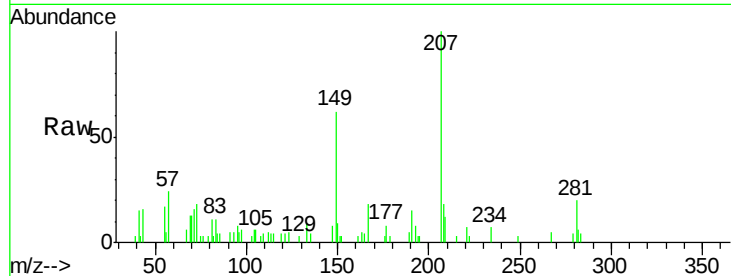
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.16 ng/ul
 RT: 21.53 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: BG021510.D
 Acq: 25 Mar 2016 11:40

Instrument :
 BNA_G
 ClientSampleId :
 A4T45MS

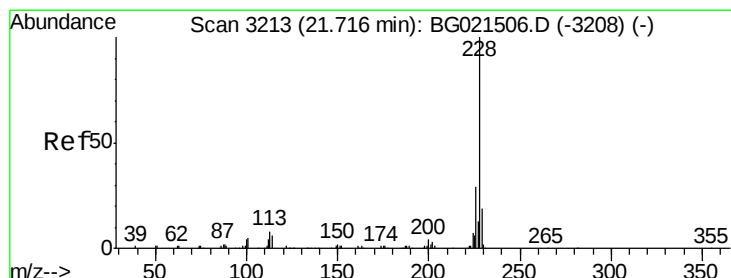
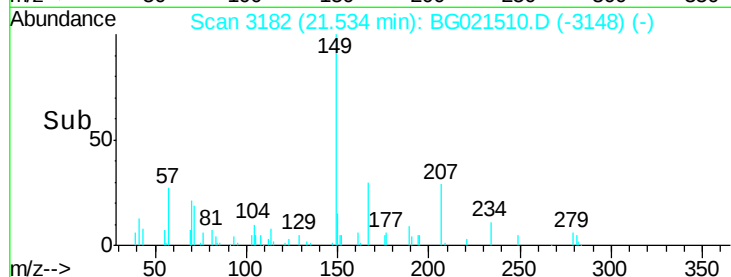
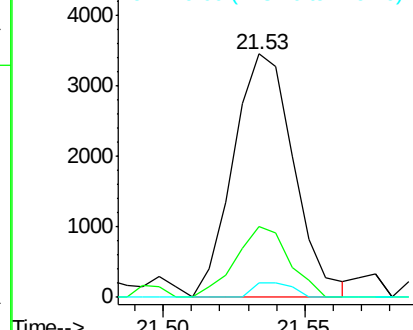
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	20.5	30.7
279	5.9	3.7	5.5#

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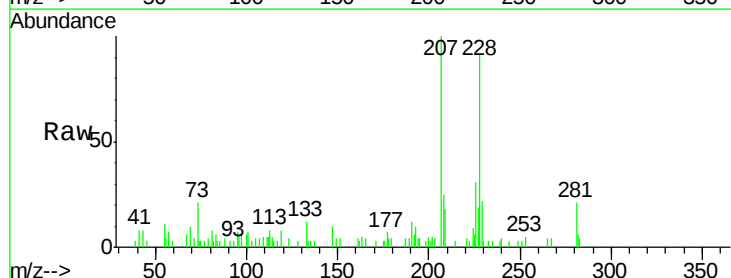


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

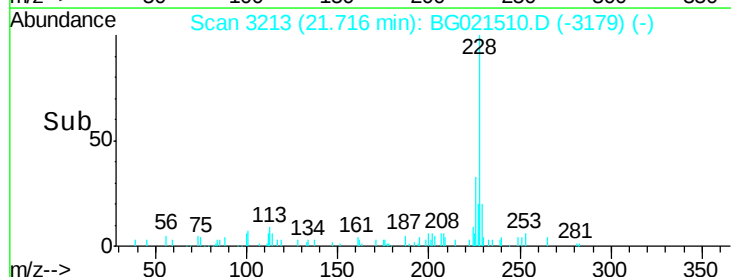
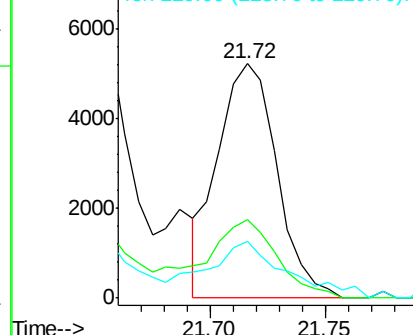


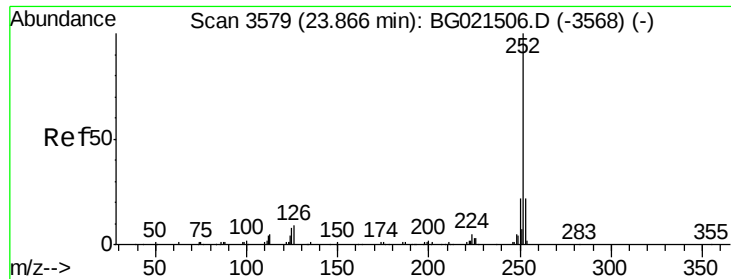
#85
 Chrysene
 Concen: 1.35 ng/ul
 RT: 21.72 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: BG021510.D
 Acq: 25 Mar 2016 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.2
229	24.1	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





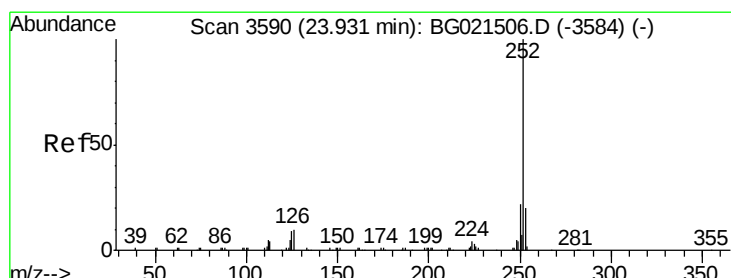
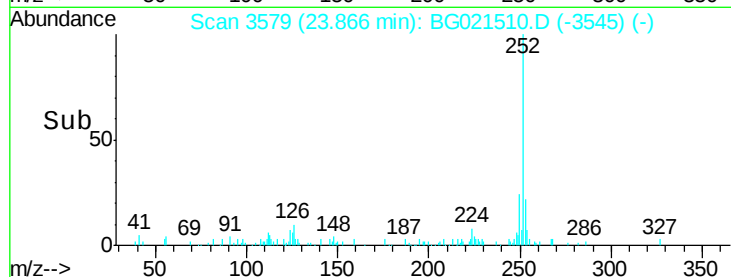
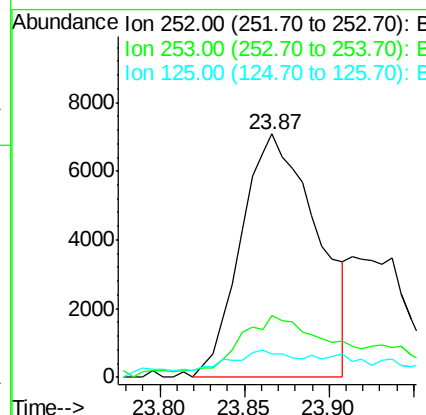
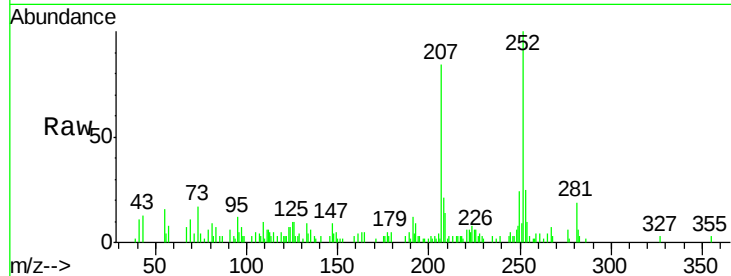
#88
Benzo(b)fluoranthene
Concen: 2.90 ng/ul
RT: 23.87 min Scan# 3579
Delta R.T. 0.00 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Instrument :
BNA_G
ClientSampleId :
A4T45MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	9.8	7.6	11.4

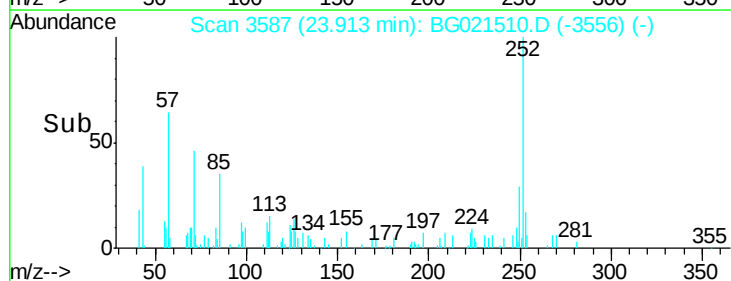
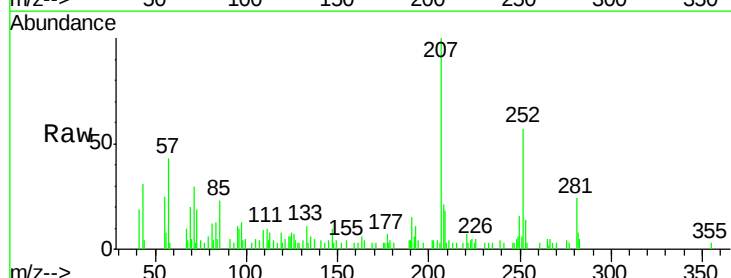
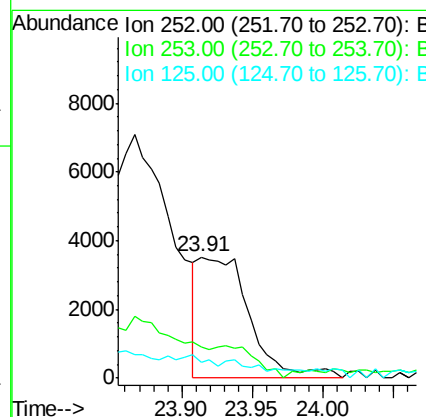
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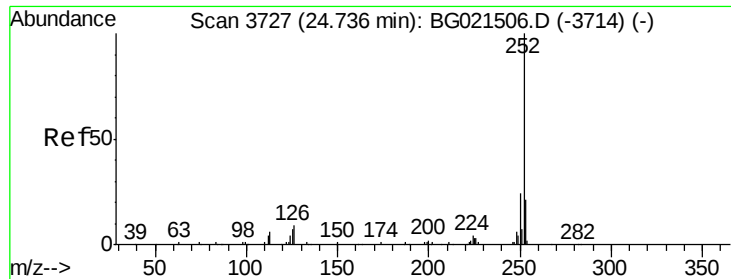
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#89
Benzo(k)fluoranthene
Concen: 1.18 ng/ul m
RT: 23.91 min Scan# 3587
Delta R.T. -0.02 min
Lab File: BG021510.D
Acq: 25 Mar 2016 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.8
125	13.3	7.7	11.5#





#91

Benzo(a)pyrene

Concen: 2.61 ng/ul

RT: 24.74 min Scan# 3728

Delta R.T. 0.01 min

Lab File: BG021510.D

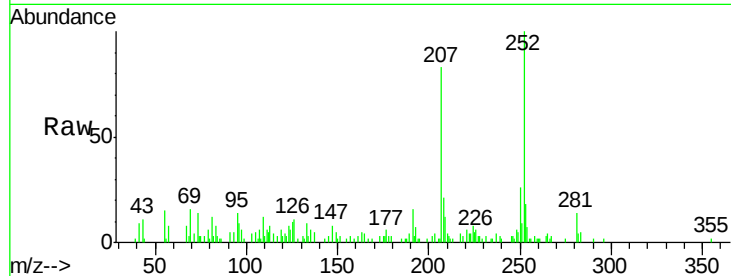
Acq: 25 Mar 2016 11:40

Instrument :

BNA_G

ClientSampled :

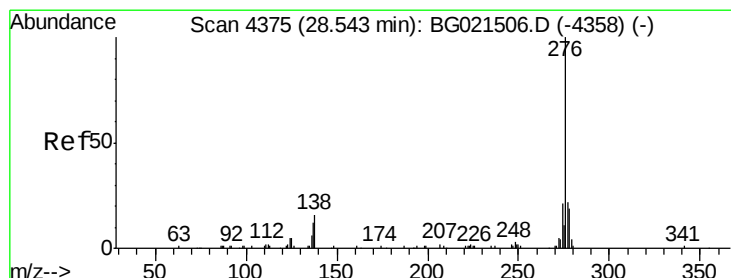
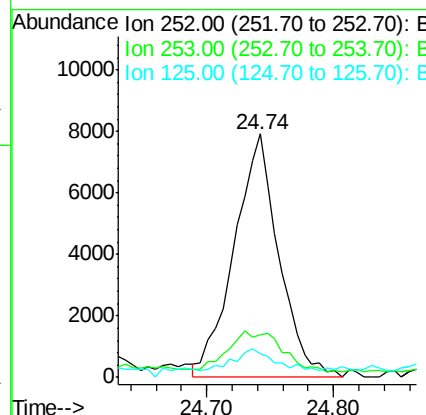
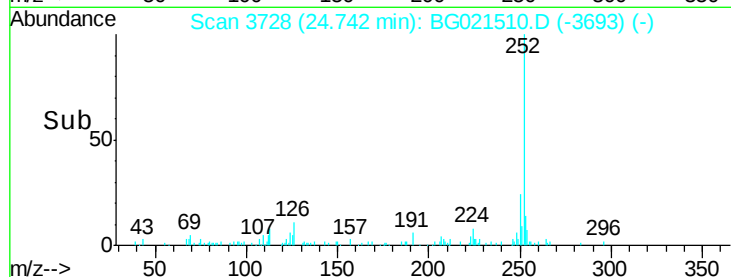
A4T45MS



Tot Ion:	252	Resp:	19361
Ion Ratio	Lower	Upper	
252	100		
253	17.7	17.4	26.0
125	9.6	8.2	12.2

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.27 ng/ul m

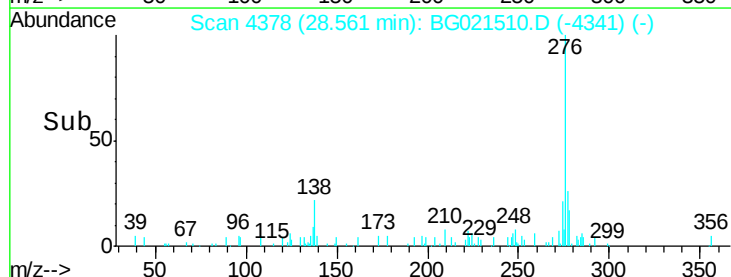
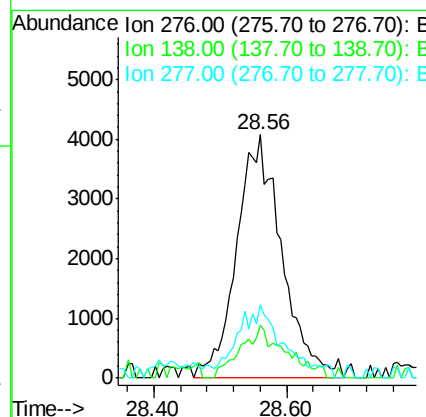
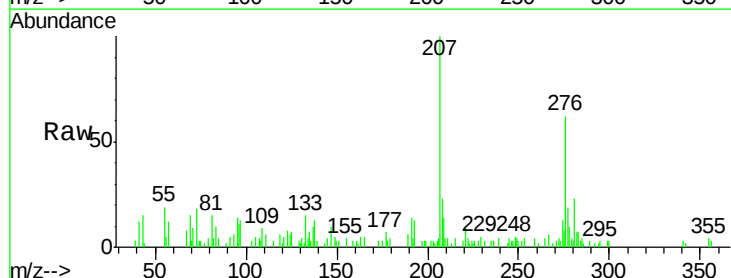
RT: 28.56 min Scan# 4378

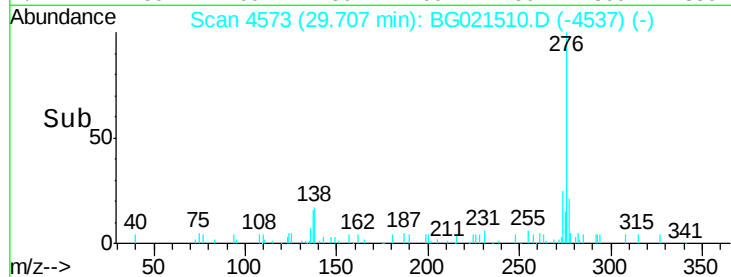
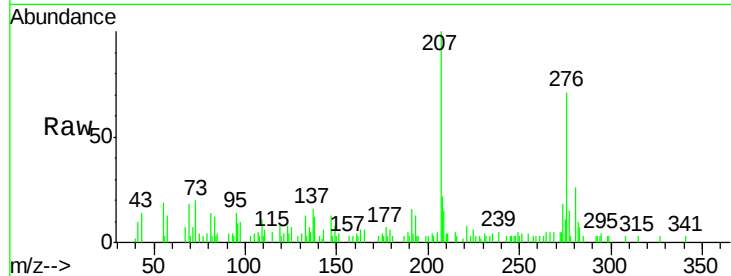
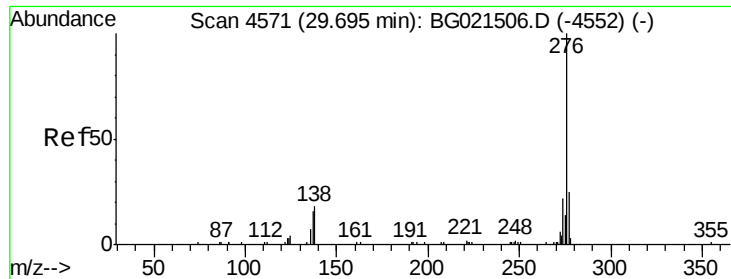
Delta R.T. 0.02 min

Lab File: BG021510.D

Acq: 25 Mar 2016 11:40

Tgt Ion:	276	Resp:	19124
Ion Ratio	Lower	Upper	
276	100		
138	21.5	15.8	23.6
277	30.0	19.0	28.6#





#94

Benzo(a,h,i)perylene

Concen: 3.10 ng/ul m

RT: 29.71 min Scan# 4573

Delta R.T. 0.01 min

Lab File: BG021510.D

Acq: 25 Mar 2016 11:40

Tot Ion:	276	Resp:	21487
Ion Ratio	Lower	Upper	
276	100		
138	17.5	13.9	20.9
277	21.3	19.8	29.6

Instrument :

BNA_G

ClientSampleId :

A4T45MS

Manual Integrations
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