

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
 Data File : BG022057.D
 Acq On : 23 May 2016 22:00
 Operator : UM/SJ
 Sample : H3086-21MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGG9MSD

Manual Integrations
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Quant Time: May 24 11:57:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:44:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	38019	20.00	ng/ul	0.02
18) Naphthalene-d8	11.01	136	159025	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.83	164	84212	20.00	ng/ul	0.05
61) Phenanthrene-d10	17.58	188	145271	20.00	ng/ul	0.05
75) Chrysene-d12	21.89	240	192827	20.00	ng/ul	0.08
83) Perylene-d12	25.37	264	114957m	20.00	ng/ul	0.22

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	535	0.73	ng/uL	0.00
5) Phenol-d5	7.34	99	44662	13.00	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.49	67	21674	12.04	ng/ul	0.02
9) 2-Chlorophenol-d4	7.71	132	39170	13.64	ng/ul	0.02
13) 4-Methylphenol-d8	8.89	113	39947	13.71	ng/ul	0.03
19) Nitrobenzene-d5	9.34	128	20462	17.45	ng/ul	0.01
22) 2-Nitrophenol-d4	10.08	143	23112	18.19	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.63	165	39218	17.50	ng/ul	0.03
29) 4-Chloroaniline-d4	11.11	131	128961	52.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	120389	19.03	ng/ul	0.03
46) Acenaphthylene-d8	14.53	160	158721	17.97	ng/ul	0.04
51) 4-Nitrophenol-d4	15.04	143	43822	40.23	ng/ul	0.06
57) Fluorene-d10	15.82	176	113473	19.16	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.68	188	140813	20.20	ng/ul	0.05
76) Pyrene-d10	19.95	212	177144	16.29	ng/ul	0.05
87) Benzo(a)pyrene-d12	25.12	264	94114	17.64	ng/ul	0.21

Target Compounds

						Qvalue
6) Phenol	7.36	94	45051	13.02	ng/ul	96
10) 2-Chlorophenol	7.75	128	38387	13.56	ng/ul	94
14) Acetophenone	8.99	105	5093	1.25	ng/ul#	49
15) N-Nitroso-di-n-propylamine	8.97	70	29695	14.12	ng/ul	98
21) Isophorone	9.91	82	5425	1.07	ng/ul#	1
28) Naphthalene	11.06	128	13645	1.69	ng/ul#	14
33) 4-Chloro-3-methylphenol	12.28	107	36254	15.48	ng/ul	95
34) 2-Methylnaphthalene	12.66	142	417352	72.41	ng/ul	99
40) 1,1'-Biphenyl	13.65	154	29522	4.26	ng/ul#	75
44) Dimethylphthalate	14.26	163	37678	5.93	ng/ul#	35
47) Acenaphthylene	14.56	152	70402	7.82	ng/ul#	1
49) Acenaphthene	14.90	153	420918	67.72	ng/ul	95
58) Fluorene	15.88	166	209967	32.37	ng/ul#	90
68) Pentachlorophenol	17.23	266	12606	14.21	ng/ul	93
69) Phenanthrene	17.62	178	604123	74.76	ng/ul#	91
71) Anthracene	17.71	178	24757	3.02	ng/ul#	49
74) Fluoranthene	19.62	202	65722	7.96	ng/ul#	84
77) Pyrene	19.99	202	500211	36.87	ng/ul	95
80) Benzo(a)anthracene	21.87	228	70110	6.20	ng/ul#	22
82) Chrysene	21.93	228	142451	13.13	ng/ul#	52

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

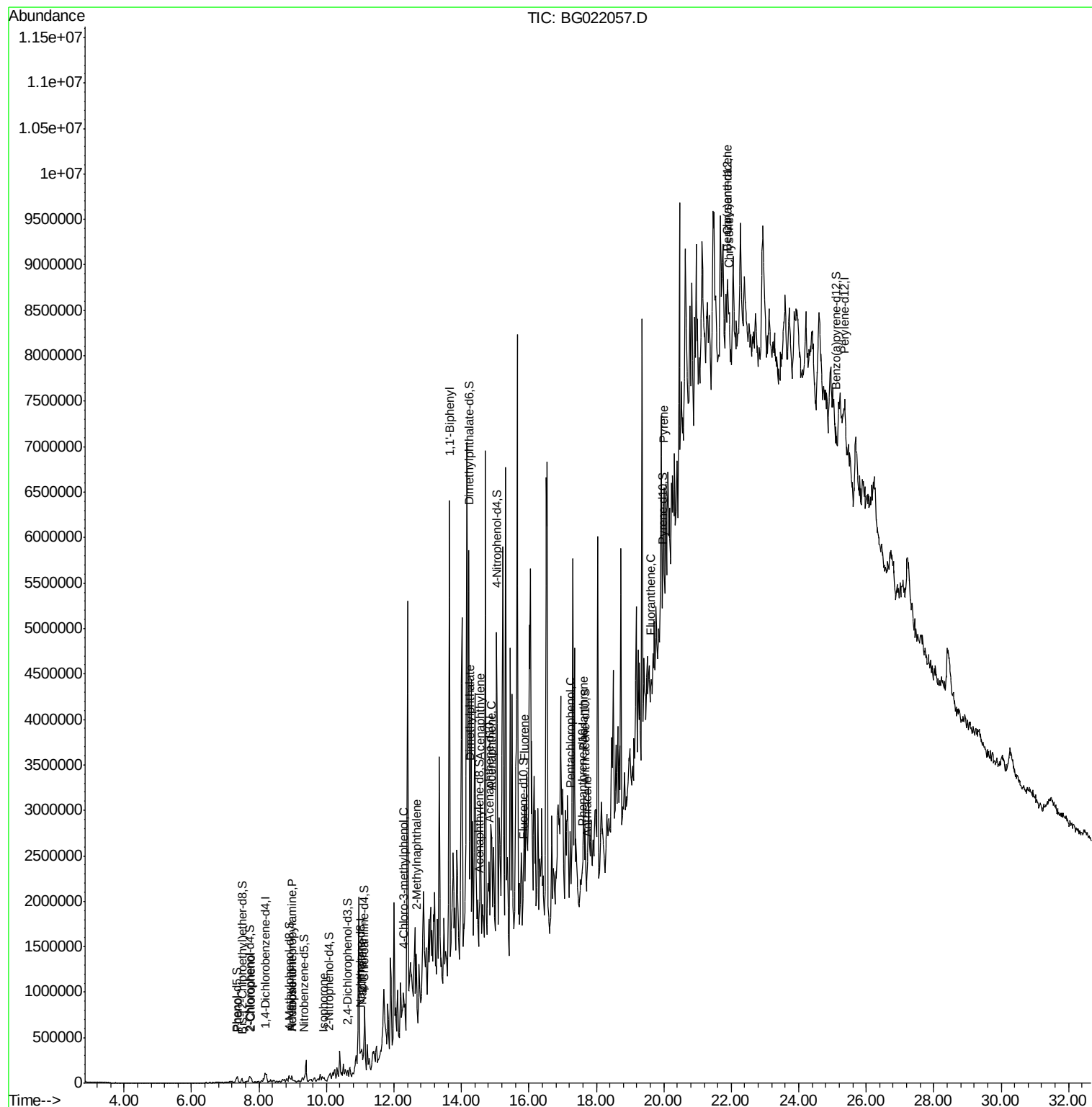
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022057.D
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Operator : UM/SJ
Sample : H3086-21MSD
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ALS Vial : 16 Sample Multiplier: 1

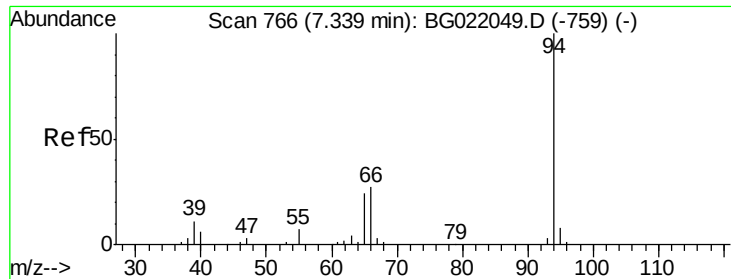
Instrument :
BNA_G
ClientSampleId :
JHGG9MSD

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Quant Time: May 24 11:57:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:44:46 2016
Response via : Initial Calibration





#6

Phenol

Concen: 13.02 ng/ul

RT: 7.36 min Scan# 770

Delta R.T. 0.03 min

Lab File: BG022057.D

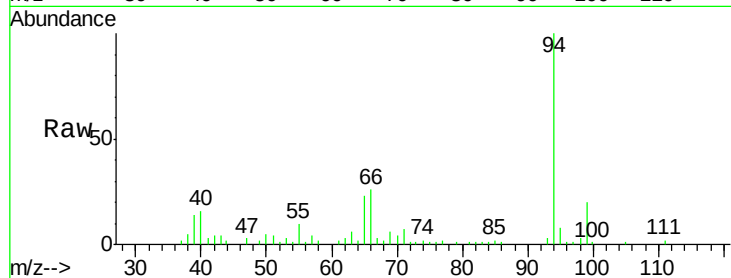
Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

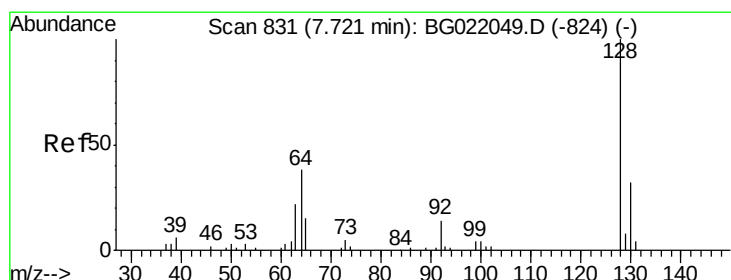
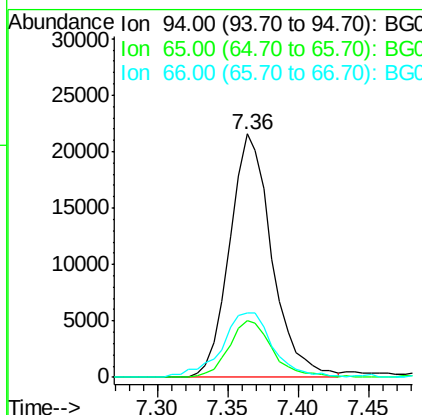
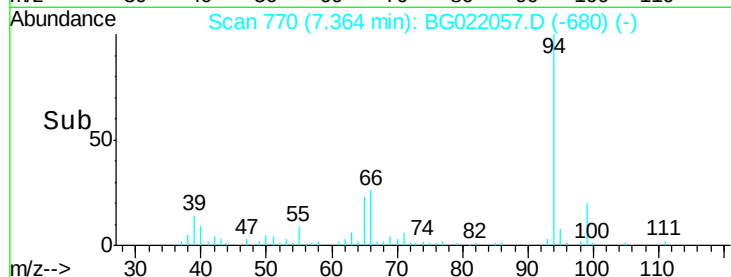
JHGG9MSD



Tgt Ion:	94	Resp:	45051
Ion	Ratio	Lower	Upper
94	100		
65	23.2	16.8	25.2
66	26.2	22.6	33.8

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#10

2-Chlorophenol

Concen: 13.56 ng/ul

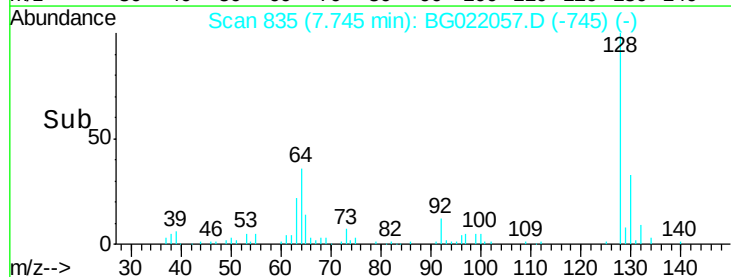
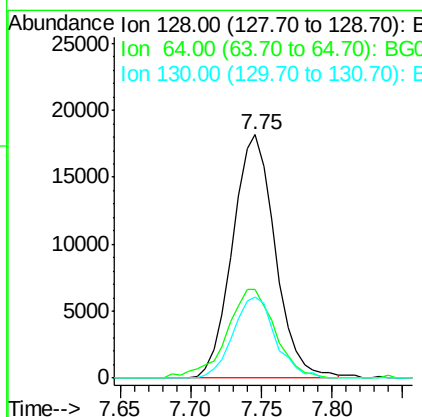
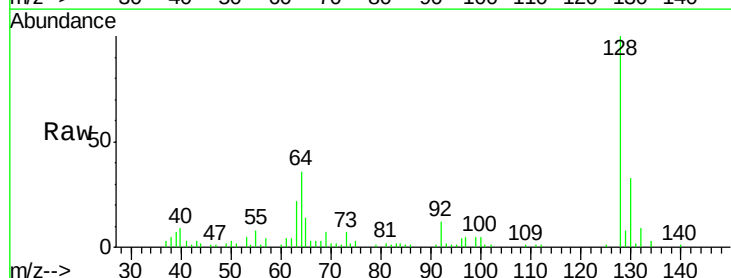
RT: 7.75 min Scan# 835

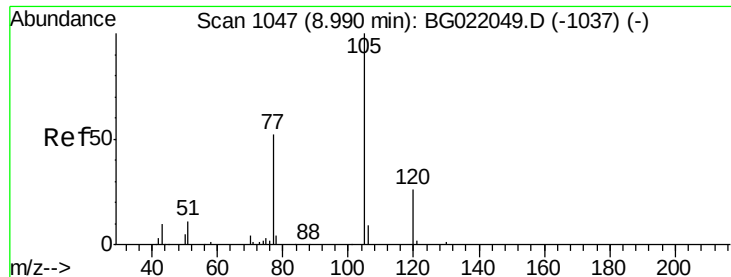
Delta R.T. 0.03 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Tgt Ion:	128	Resp:	38387
Ion	Ratio	Lower	Upper
128	100		
64	36.3	34.2	51.4
130	33.1	27.0	40.4





#14

Acetophenone

Concen: 1.25 ng/ul

RT: 8.99 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Instrument :

BNA_G

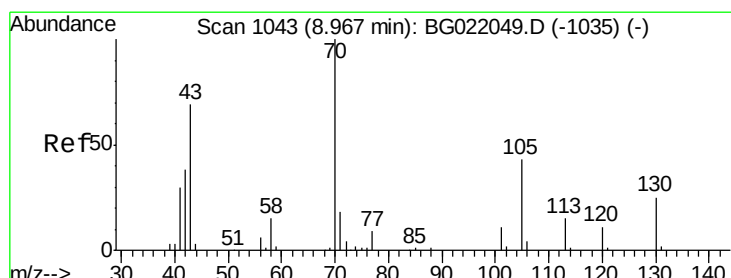
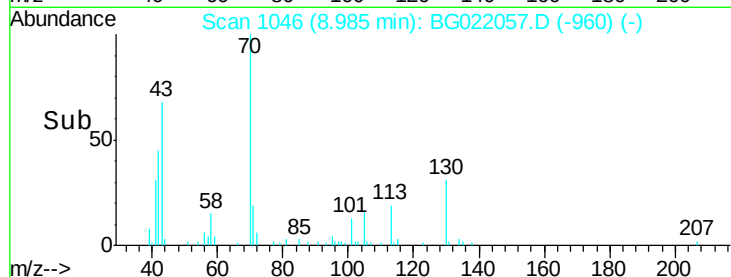
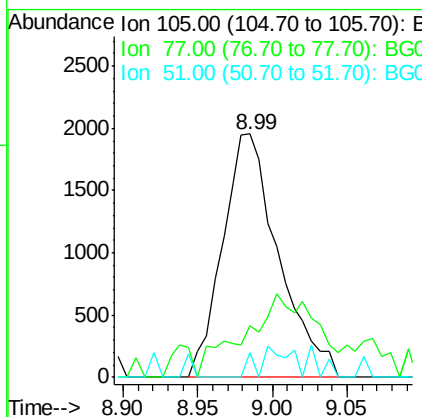
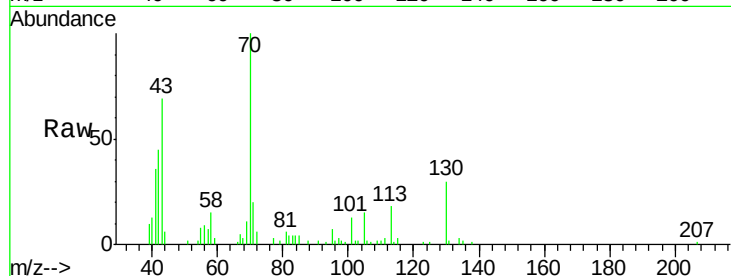
ClientSampleId :

JHGG9MSD

Tgt Ion:	105	Resp:	5093
Ion Ratio	Lower	Upper	
105	100		
77	21.1	56.1	84.1#
51	9.9	14.6	22.0#

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#15

N-Nitroso-di-n-propylamine

Concen: 14.12 ng/ul

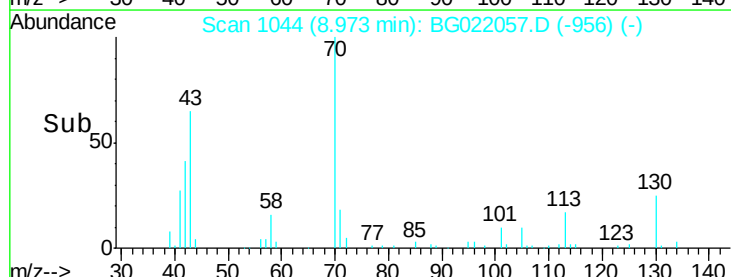
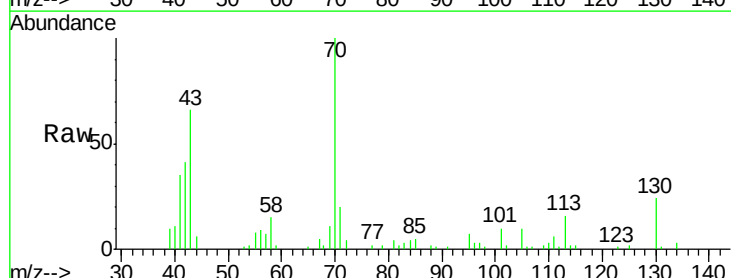
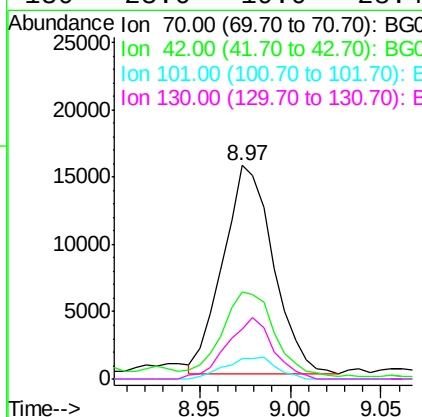
RT: 8.97 min Scan# 1044

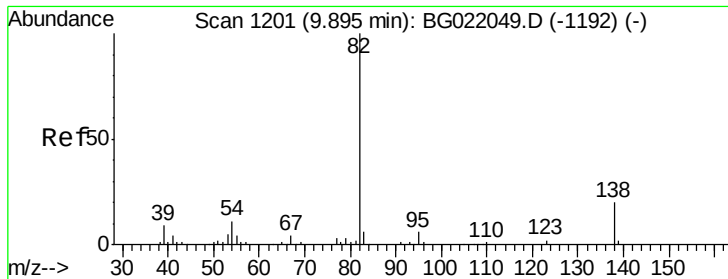
Delta R.T. 0.01 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Tgt Ion:	70	Resp:	29695
Ion Ratio	Lower	Upper	
70	100		
42	40.8	31.4	47.2
101	9.8	8.6	13.0
130	23.6	19.0	28.4





#21

Isophorone

Concen: 1.07 ng/ul

RT: 9.91 min Scan# 1204

Delta R.T. 0.03 min

Lab File: BG022057.D

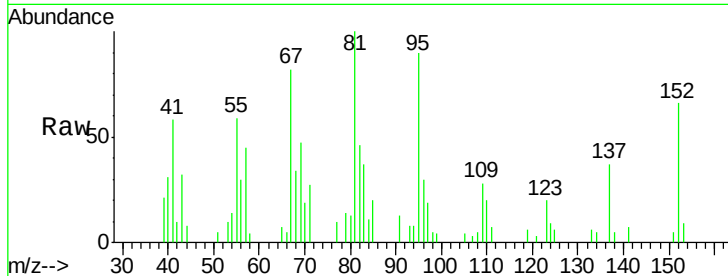
Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

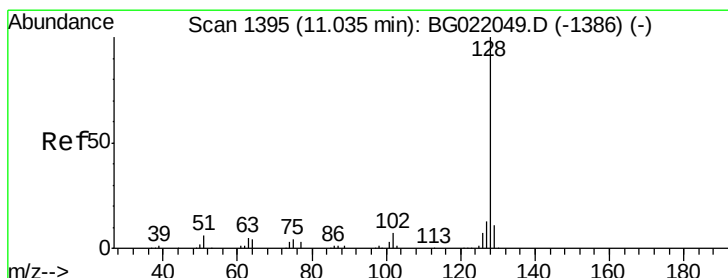
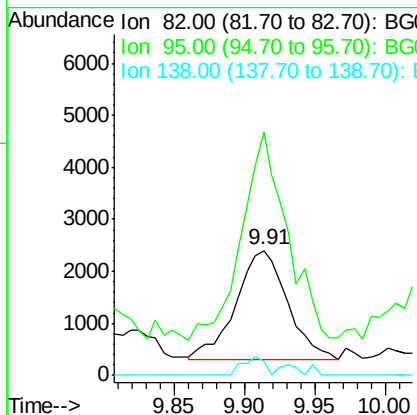
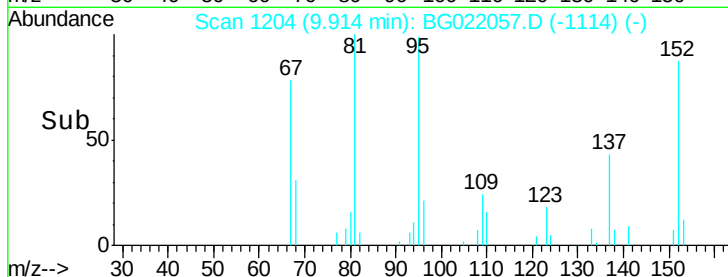
JHGG9MSD



Tgt Ion:	82	Resp:	5425
Ion Ratio	Lower	Upper	
82	100		
95	195.4	5.1	7.7#
138	11.3	15.0	22.6#

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#28

Naphthalene

Concen: 1.69 ng/ul

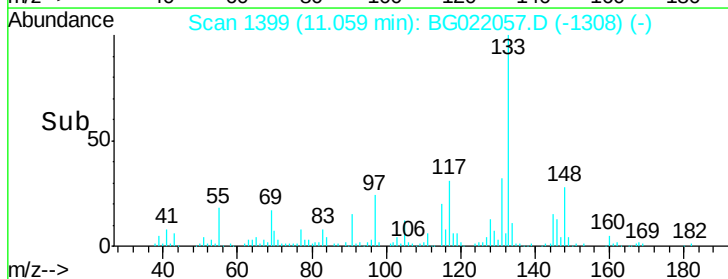
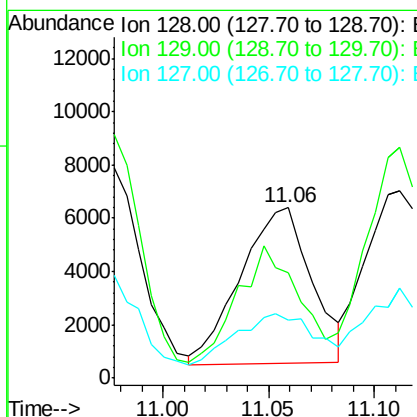
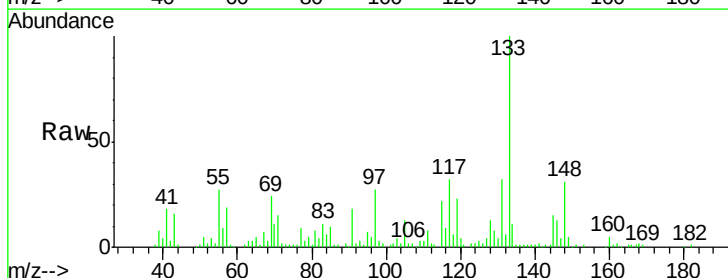
RT: 11.06 min Scan# 1399

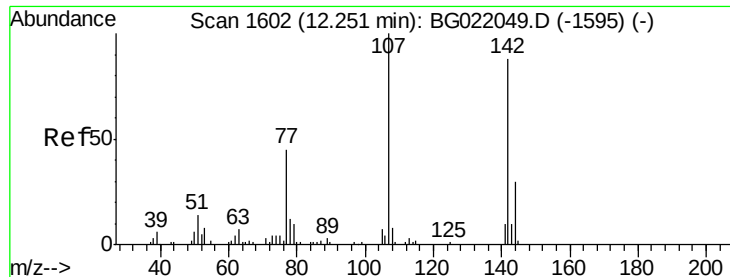
Delta R.T. 0.03 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Tgt Ion:	128	Resp:	13645
Ion Ratio	Lower	Upper	
128	100		
129	61.6	9.4	14.2#
127	34.1	11.2	16.8#





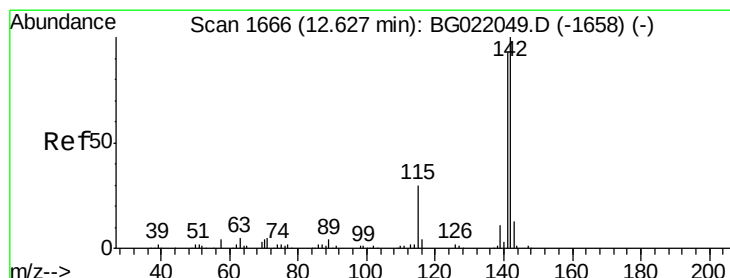
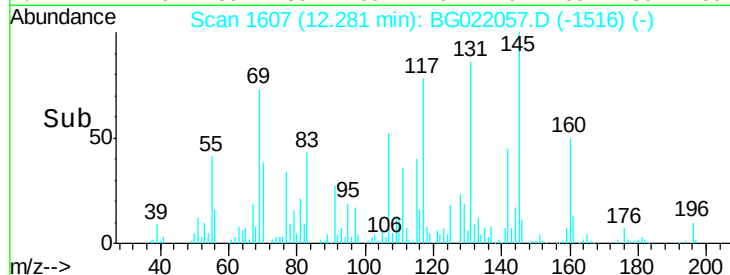
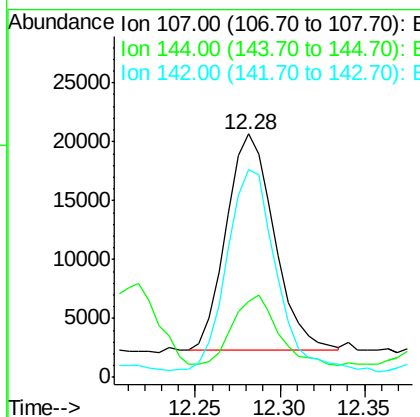
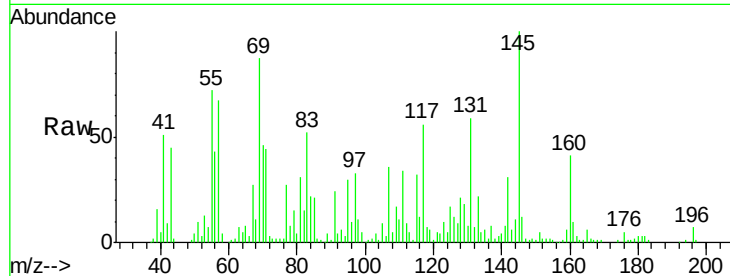
#33
 4-Chloro-3-methylphenol
 Concen: 15.48 ng/ul
 RT: 12.28 min Scan# 1607
 Delta R.T. 0.03 min
 Lab File: BG022057.D
 Acq: 23 May 2016 22:00

Instrument :
 BNA_G
 ClientSampleId :
 JHGG9MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	36254		
144	31.4	22.7	34.1	
142	85.4	71.6	107.4	

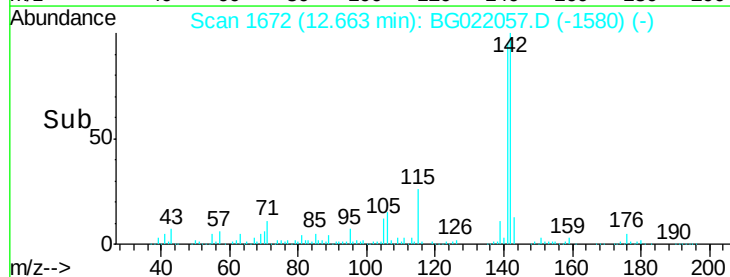
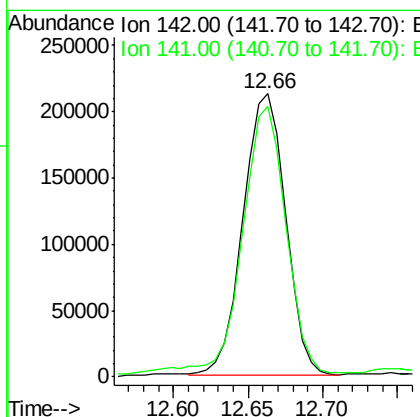
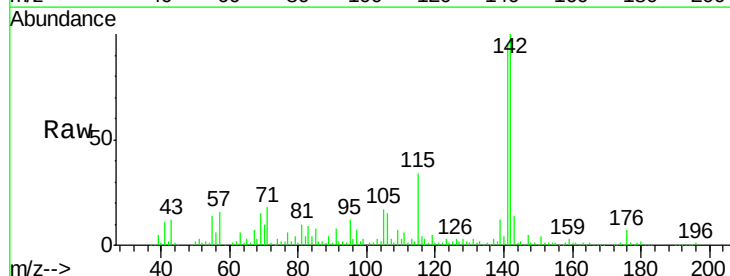
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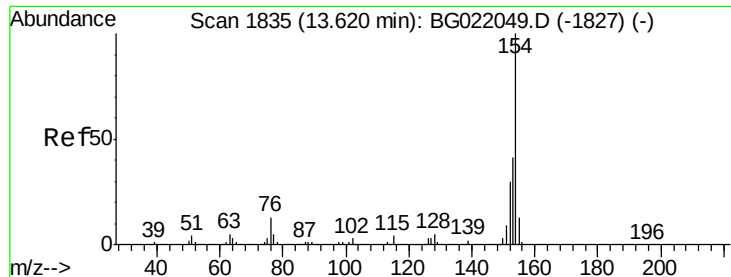
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#34
 2-Methylnaphthalene
 Concen: 72.41 ng/ul
 RT: 12.66 min Scan# 1672
 Delta R.T. 0.04 min
 Lab File: BG022057.D
 Acq: 23 May 2016 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	417352		
141	95.4	75.2	112.8	





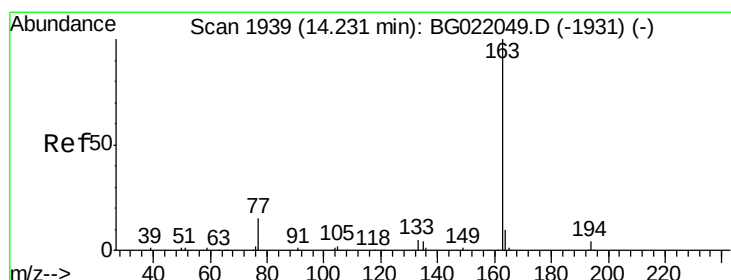
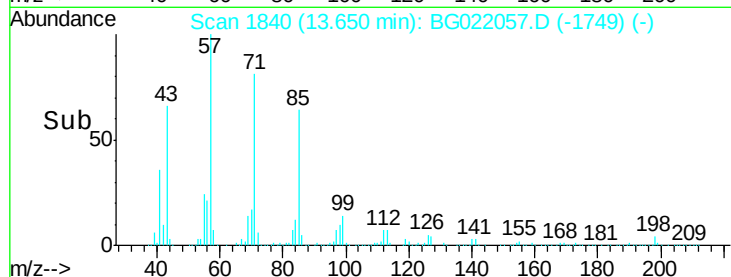
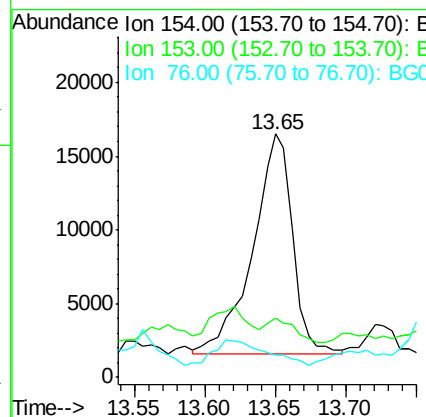
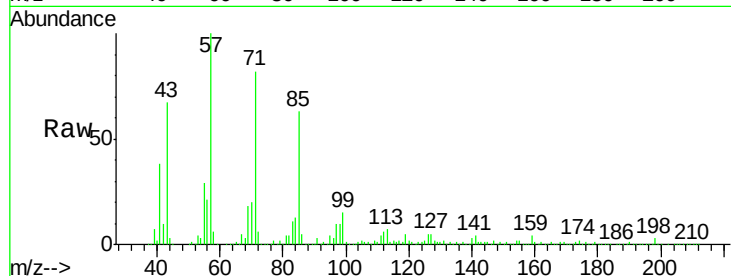
#40
1,1'-Biphenyl
Concen: 4.26 ng/ul
RT: 13.65 min Scan# 1840
Delta R.T. 0.03 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

Instrument :
BNA_G
ClientSampleId :
JHGG9MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	24.4	34.6	52.0#
76	9.3	11.9	17.9#

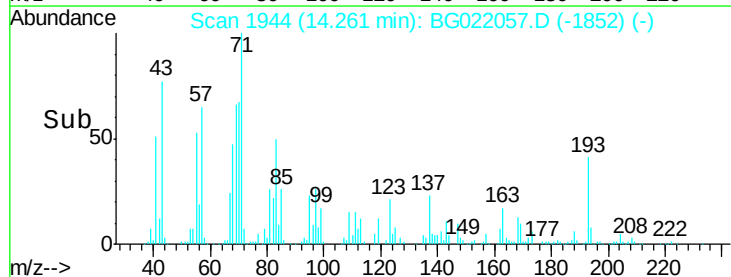
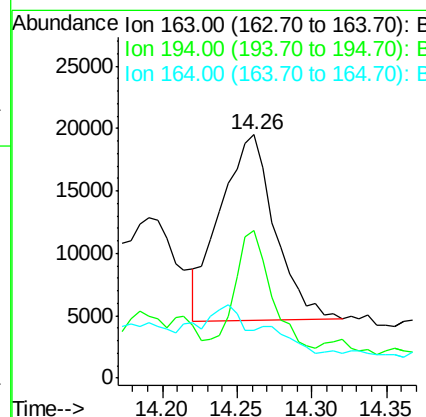
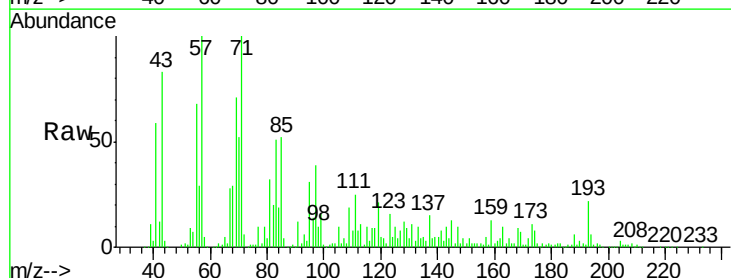
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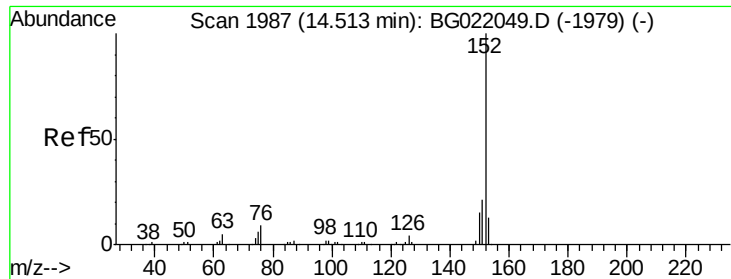
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#44
Dimethylphthalate
Concen: 5.93 ng/ul
RT: 14.26 min Scan# 1944
Delta R.T. 0.04 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	60.6	3.4	5.2#
164	19.8	8.8	13.2#





#47

Acenaphthylene

Concen: 7.82 ng/ul

RT: 14.56 min Scan# 1994

Delta R.T. 0.05 min

Lab File: BG022057.D

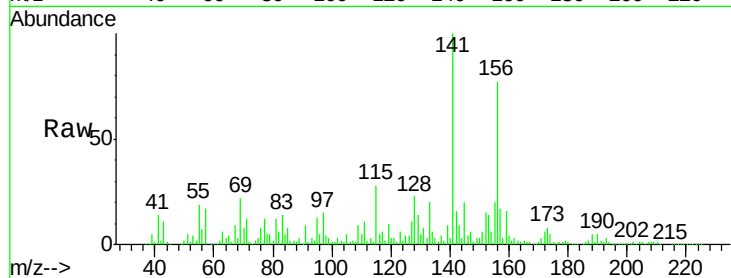
Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

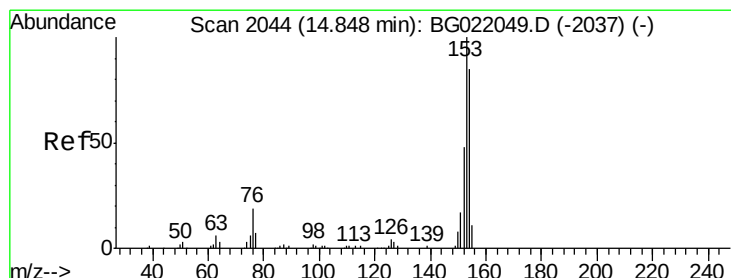
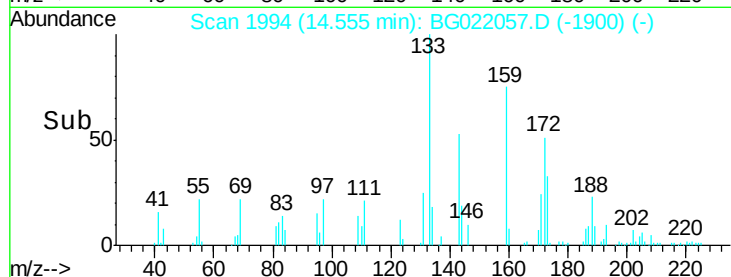
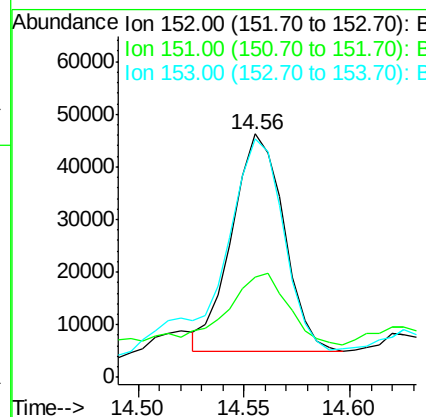
JHGG9MSD



Tgt Ion	Ratio	Lower	Upper
152	100		
151	41.2	17.5	26.3#
153	97.7	11.1	16.7#

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#49

Acenaphthene

Concen: 67.72 ng/ul

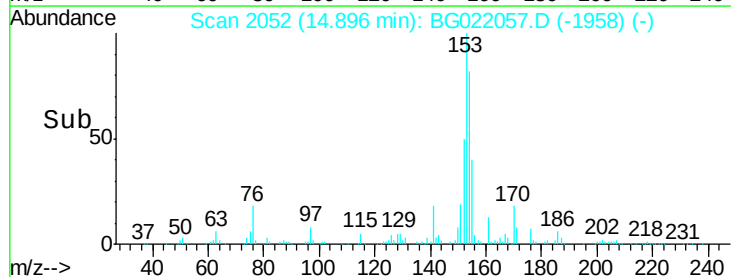
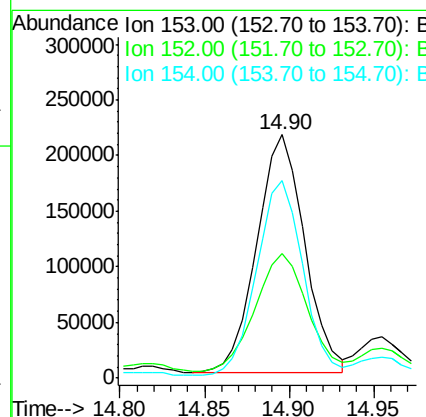
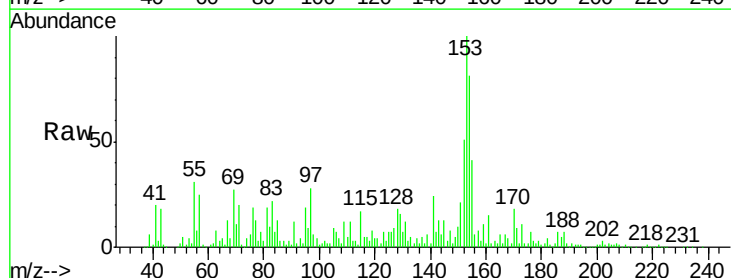
RT: 14.90 min Scan# 2052

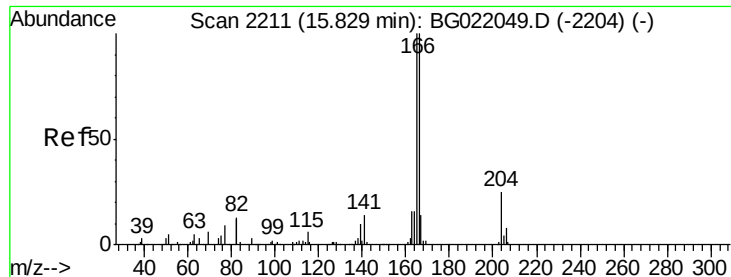
Delta R.T. 0.05 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.0	37.3	55.9
154	81.3	68.2	102.2





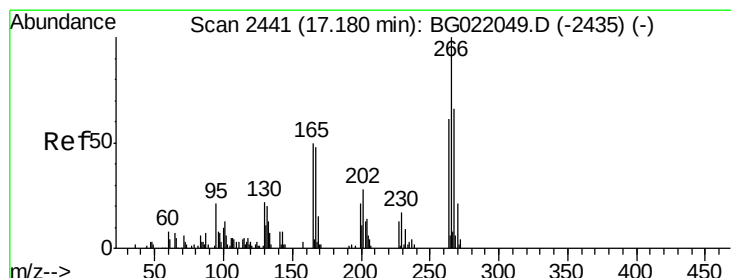
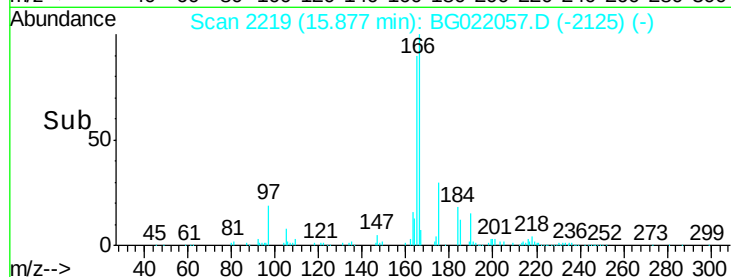
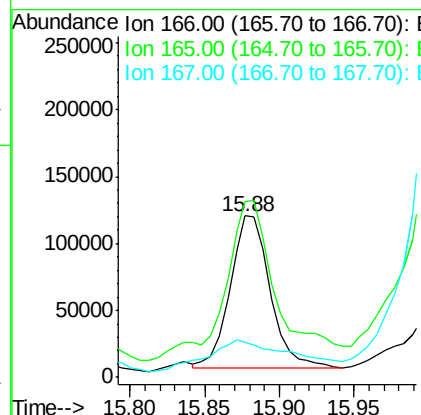
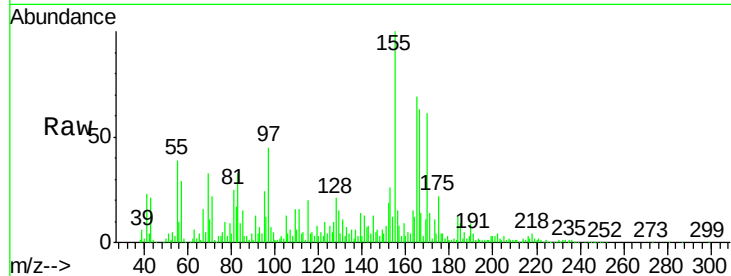
#58
 Fluorene
 Concen: 32.37 ng/ul
 RT: 15.88 min Scan# 2219
 Delta R.T. 0.05 min
 Lab File: BG022057.D
 Acq: 23 May 2016 22:00

Instrument :
 BNA_G
 ClientSampleId :
 JHGG9MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	209967		
165	108.7	80.3	120.5	
167	21.6	10.3	15.5#	

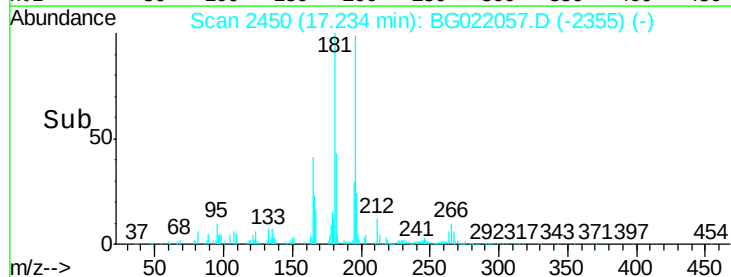
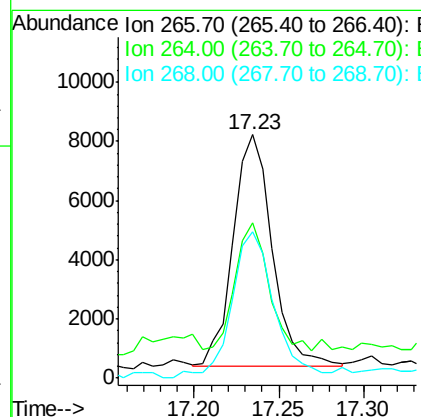
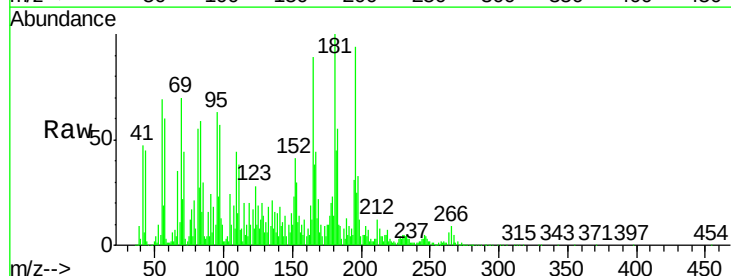
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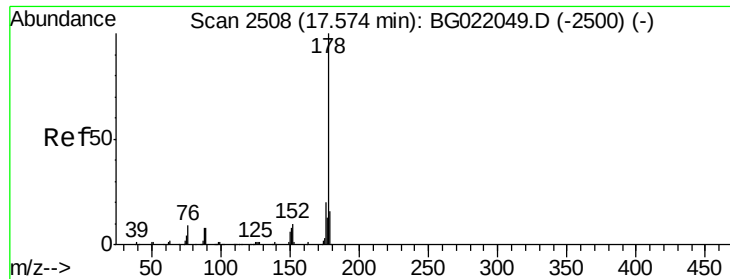
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#68
 Pentachlorophenol
 Concen: 14.21 ng/ul
 RT: 17.23 min Scan# 2450
 Delta R.T. 0.06 min
 Lab File: BG022057.D
 Acq: 23 May 2016 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	12606		
264	63.7	54.7	82.1	
268	66.2	57.8	86.8	





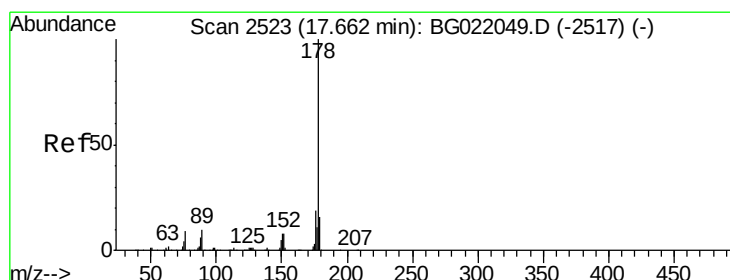
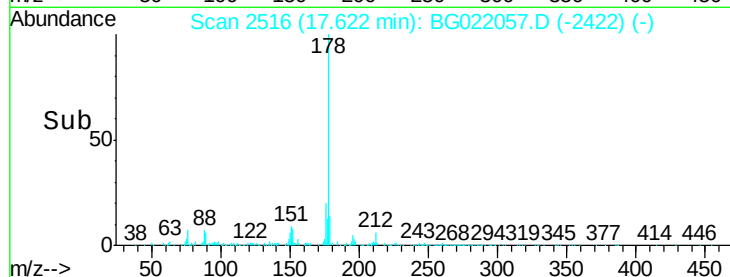
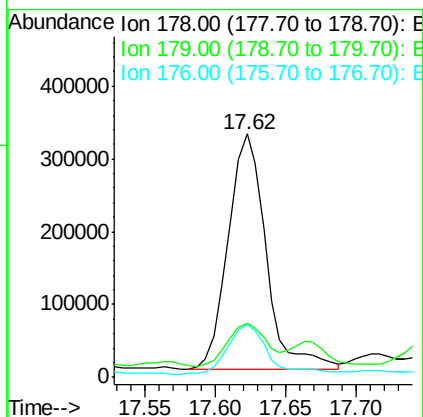
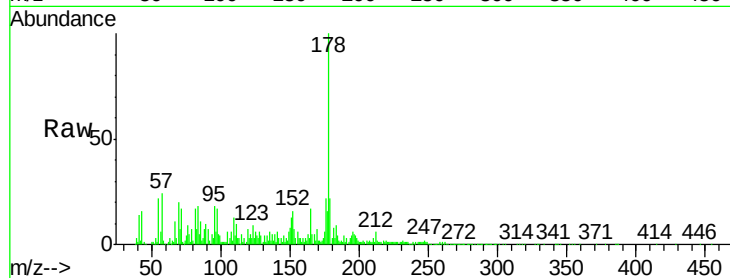
#69
Phenanthrene
Concen: 74.76 ng/ul
RT: 17.62 min Scan# 2516
Delta R.T. 0.05 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

Instrument :
BNA_G
ClientSampleId :
JHGG9MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.2	12.9	19.3#
176	21.6	15.8	23.8

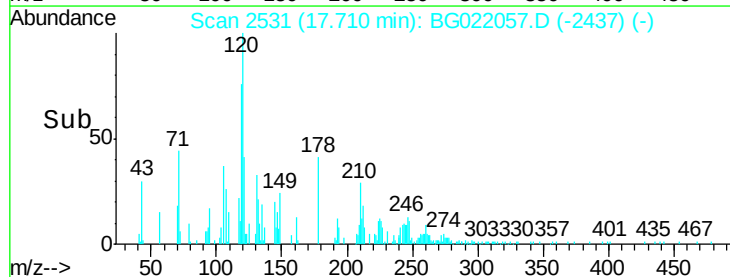
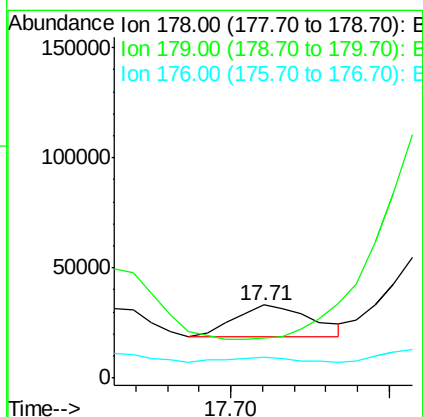
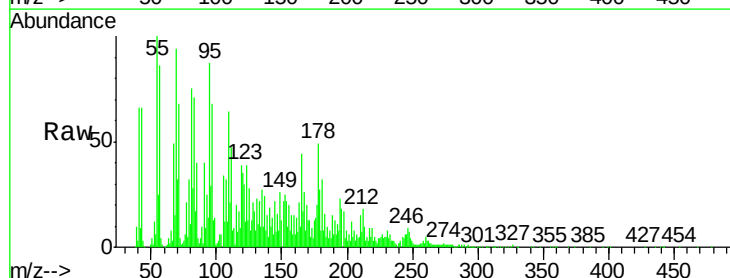
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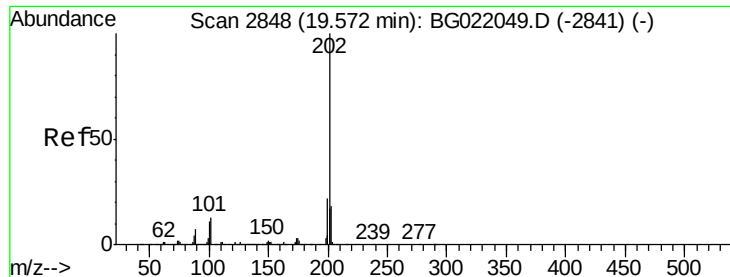
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#71
Anthracene
Concen: 3.02 ng/ul
RT: 17.71 min Scan# 2531
Delta R.T. 0.05 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	55.5	12.3	18.5#
176	28.1	16.3	24.5#





#74

Fluoranthene

Concen: 7.96 ng/ul

RT: 19.62 min Scan# 2856

Delta R.T. 0.05 min

Lab File: BG022057.D

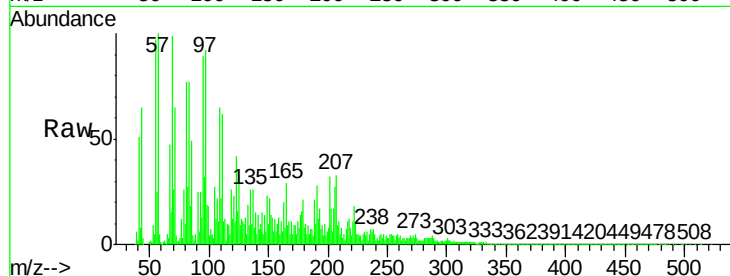
Acq: 23 May 2016 22:00

Instrument :

BNA_G

ClientSampleId :

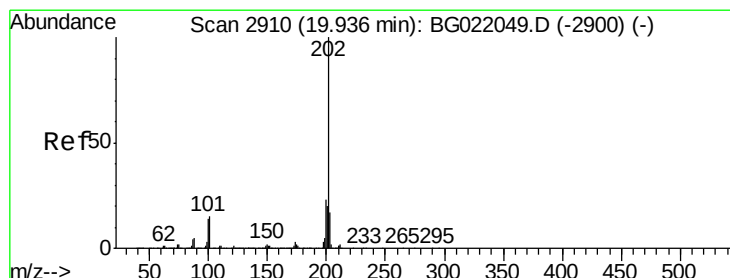
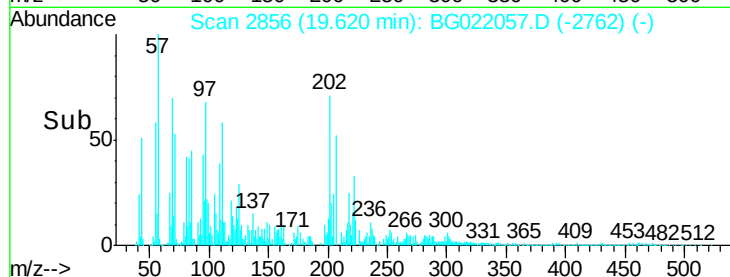
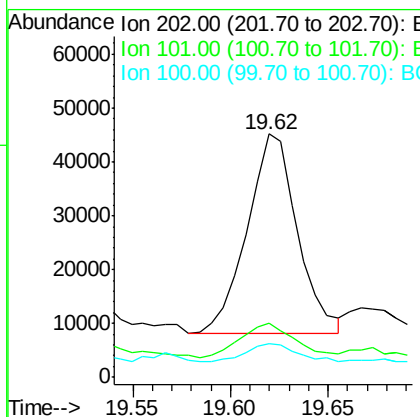
JHGG9MSD



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	65722		
101	22.2	10.6	16.0#	
100	13.8	8.7	13.1#	

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#77

Pyrene

Concen: 36.87 ng/ul

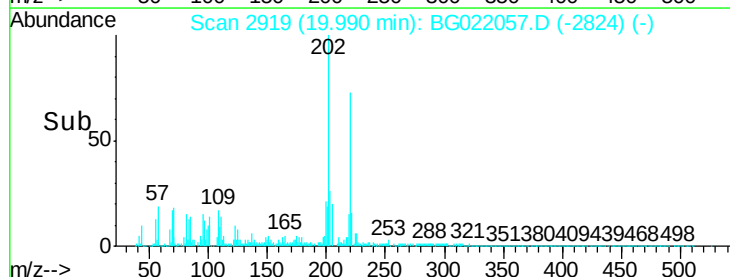
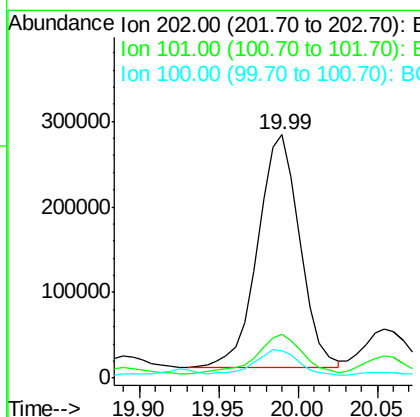
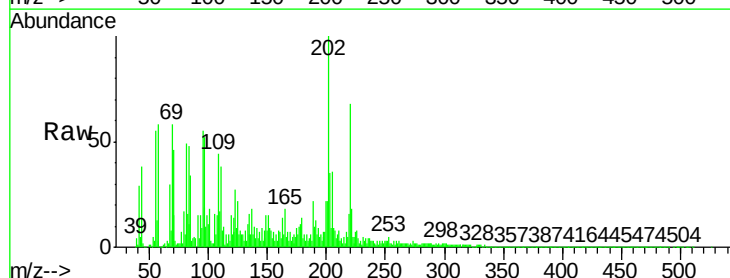
RT: 19.99 min Scan# 2919

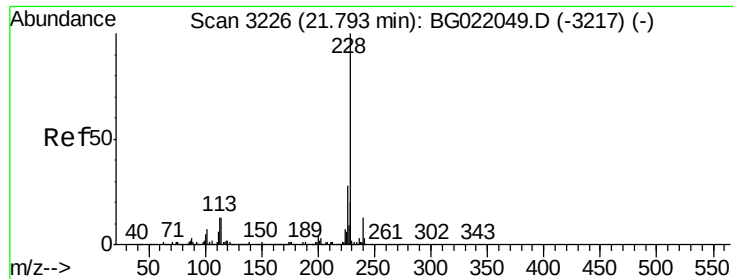
Delta R.T. 0.06 min

Lab File: BG022057.D

Acq: 23 May 2016 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	500211		
101	17.9	12.5	18.7	
100	11.3	10.2	15.4	





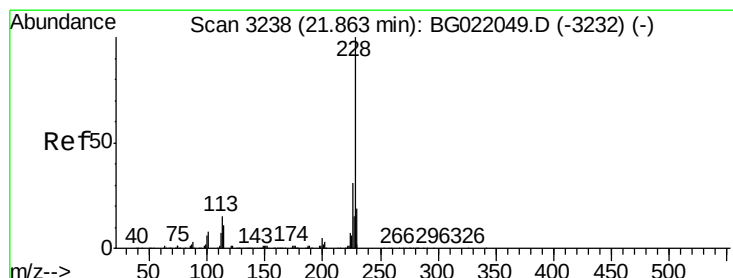
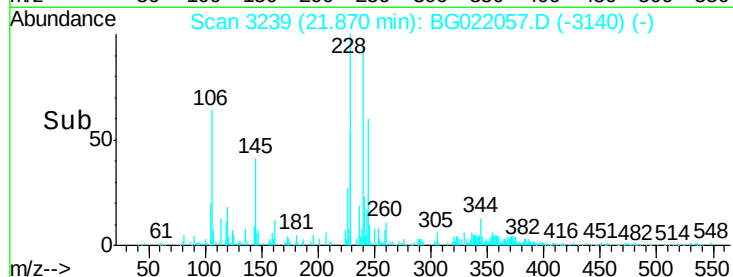
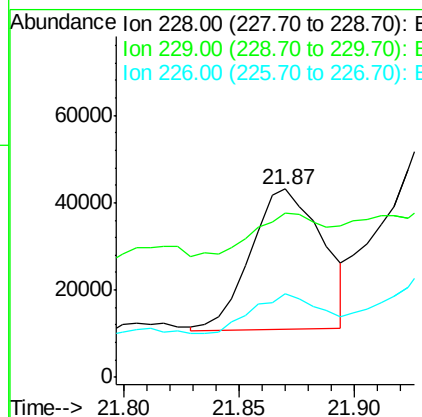
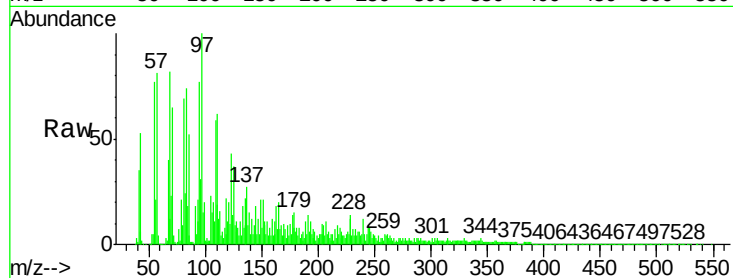
#80
Benzo(a)anthracene
Concen: 6.20 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. 0.08 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

Instrument :
BNA_G
ClientSampleId :
JHGG9MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
229	87.2	15.4	23.2#
226	44.3	22.8	34.2#

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#82
Chrysene
Concen: 13.13 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. 0.07 min
Lab File: BG022057.D
Acq: 23 May 2016 22:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.1	24.2	36.4#
229	62.9	15.0	22.6#

