

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Manual Integrations
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 10/30/2015 6:32:13 PM

Quant Time: Oct 29 06:13:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	40138	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	161454m	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.84	164	156591m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	296119m	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	350920m	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	325636m	20.00	ng/ul	0.01

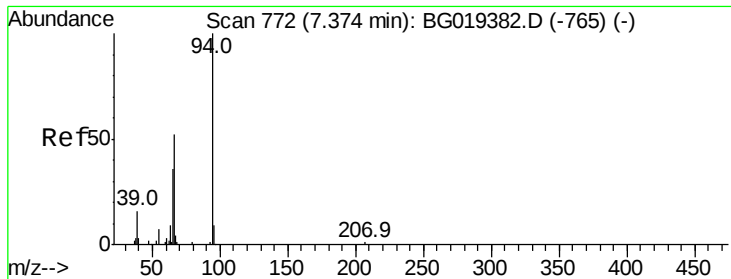
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	17694	21.11	ng/uL	0.00
5) Phenol-d5	7.37	99	29797	8.09	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.52	67	74558	31.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	62803	27.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	55642	18.96	ng/ul	0.04
19) Nitrobenzene-d5	9.40	128	41429m	34.92	ng/ul	0.02
22) 2-Nitrophenol-d4	10.12	143	48085	34.14	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	97526m	31.91	ng/ul	0.04
29) 4-Chloroaniline-d4	11.20	131	45091m	14.59	ng/ul	0.04
44) Dimethylphthalate-d6	14.26	166	319012m	24.71	ng/ul	0.03
47) Acenaphthylene-d8	14.54	160	394554m	27.59	ng/ul	0.01
52) 4-Nitrophenol-d4	15.10	143	12968m	6.32	ng/ul	0.09
58) Fluorene-d10	15.83	176	353762m	29.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	72919m	38.05	ng/ul	0.02
71) Anthracene-d10	17.68	188	473200m	35.06	ng/ul	0.00
79) Pyrene-d10	19.96	212	531512m	34.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	579761m	35.48	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.40	94	425365	108.37	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.61	93	4102	1.52	ng/ul#	72
11) 2-Methylphenol	8.69	108	1405186	484.05	ng/ul	97
16) 4-Methylphenol	9.07	108	5249299	1655.94	ng/ul	95
20) Nitrobenzene	9.43	77	80828m	17.42	ng/ul	
24) 2,4-Dimethylphenol	10.26	107	5117312m	1224.57	ng/ul	
28) Naphthalene	11.11	128	986032m	122.06	ng/ul	
34) 2-Methylnaphthalene	12.69	142	116706m	17.98	ng/ul	
35) 1-Methylnaphthalene	12.91	142	102329m	16.66	ng/ul	
41) 1,1'-Biphenyl	13.68	154	32792m	2.96	ng/ul	
50) Acenaphthene	14.91	153	13203m	1.33	ng/ul	
54) Dibenzofuran	15.24	168	27564m	1.89	ng/ul	
57) Diethylphthalate	15.64	149	54543m	4.18	ng/ul	
59) Fluorene	15.89	166	15738m	1.24	ng/ul	

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



#6

Phenol

Concen: 108.37 ng/ul

RT: 7.40 min Scan# 776

Delta R.T. 0.02 min

Lab File: BG019402.D

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Instrument :

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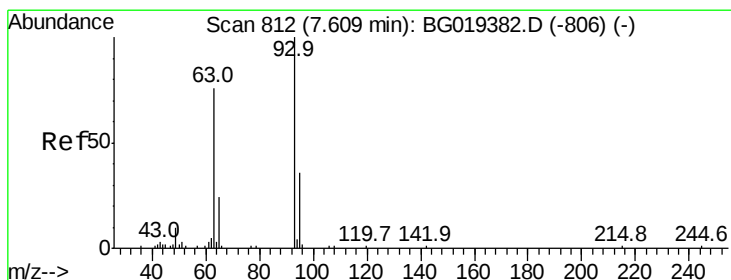
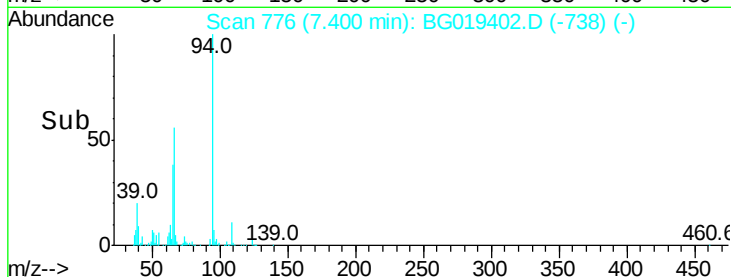
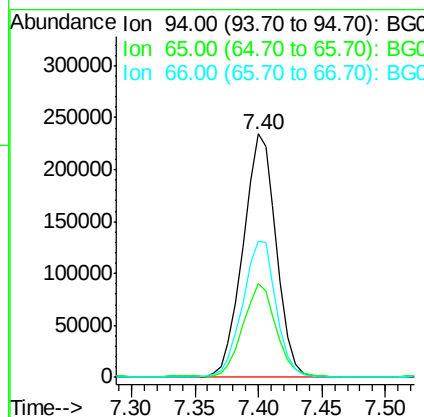
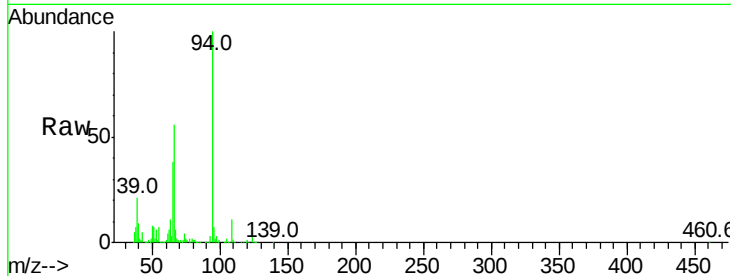
ClientSampleId :

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Tot Ion:	94	Resp:	425365
Ion Ratio	Lower	Upper	
94	100		
65	38.4	29.3	43.9
66	55.7	45.0	67.6



#8

Bis(2-Chloroethyl)ether

Concen: 1.52 ng/ul

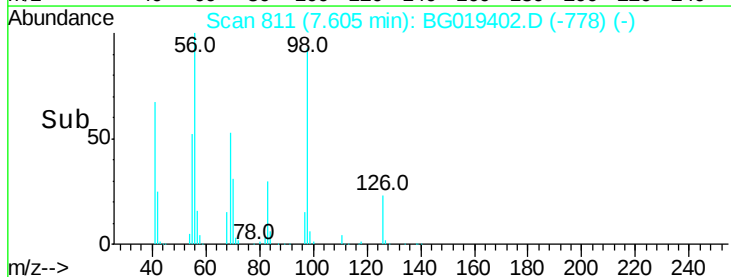
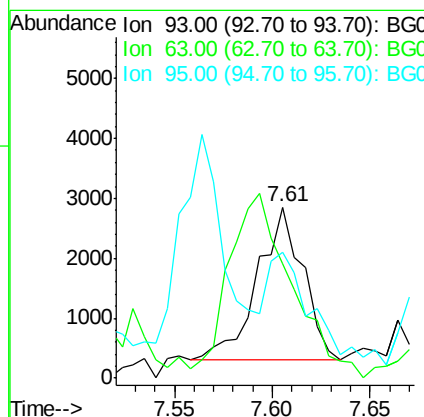
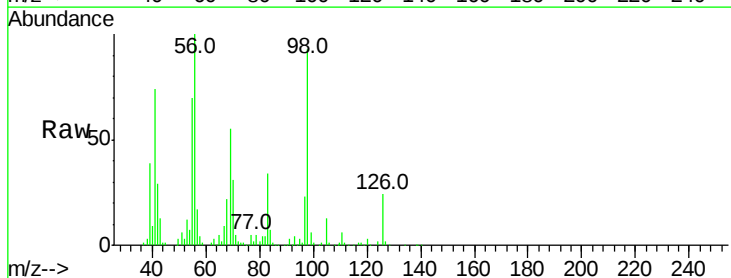
RT: 7.61 min Scan# 811

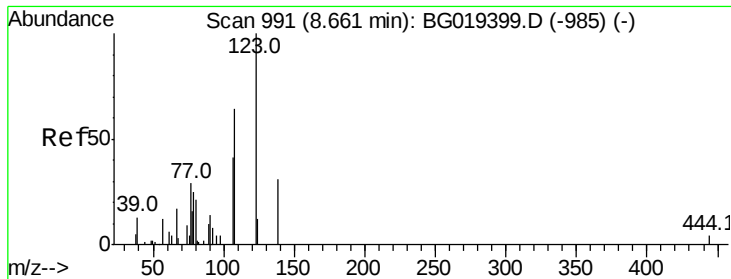
Delta R.T. -0.01 min

Lab File: BG019402.D

Acq: 29 Oct 2015 4:42

Tgt Ion:	93	Resp:	4102
Ion Ratio	Lower	Upper	
93	100		
63	66.7	57.8	86.6
95	73.6	25.6	38.4#





#11

2-Methylphenol

Concen: 484.05 ng/ul

RT: 8.69 min Scan# 995

Delta R.T. 0.04 min

Lab File: BG019402.D

Acq: 29 Oct 2015 4:42

Instrument :

BNA_G

ClientSampleId :

E5LS6

Manual Integrations
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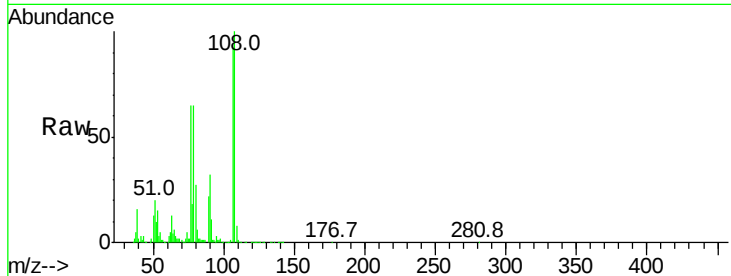
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Tot Ion:108 Resp: 1405186

Ion Ratio Lower Upper

108 100

107 91.6 71.2 106.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.69

800000

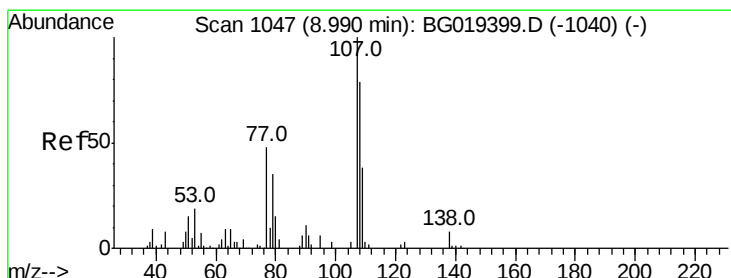
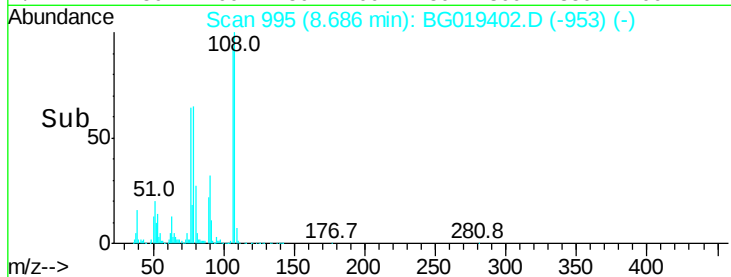
600000

400000

200000

0

Time--> 8.60 8.65 8.70 8.75



#16

4-Methylphenol

Concen: 1655.94 ng/ul

RT: 9.07 min Scan# 1061

Delta R.T. 0.10 min

Lab File: BG019402.D

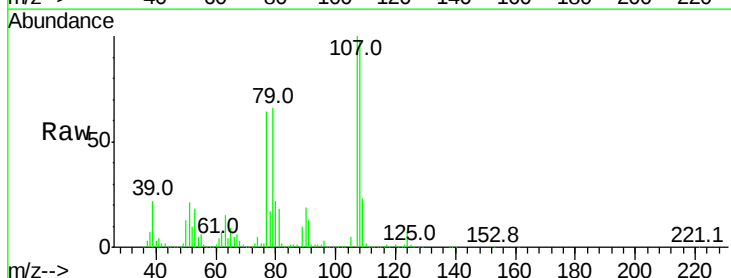
Acq: 29 Oct 2015 4:42

Tgt Ion:108 Resp: 5249299

Ion Ratio Lower Upper

108 100

107 101.6 85.4 128.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

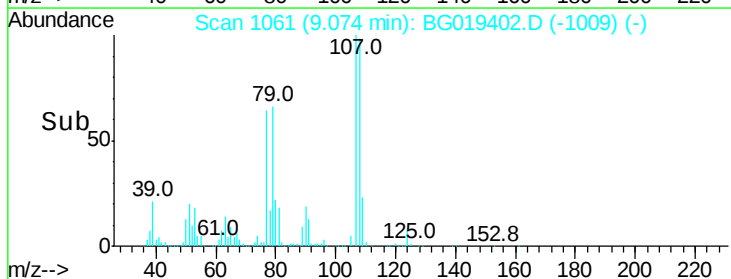
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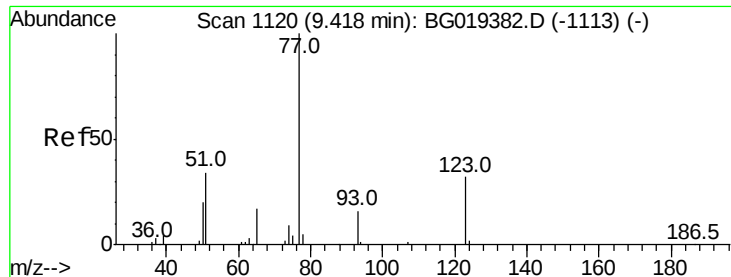
1000000

500000

0

Time--> 8.90 9.00 9.10





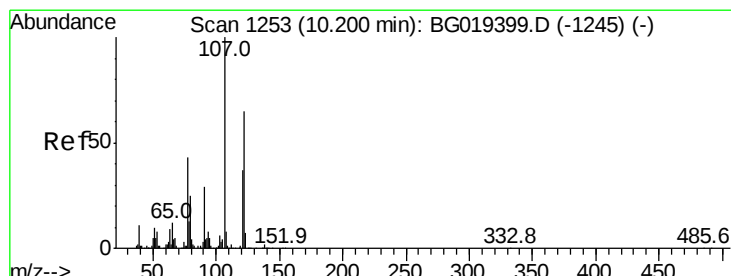
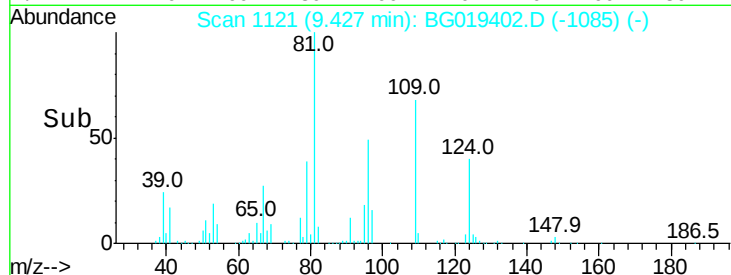
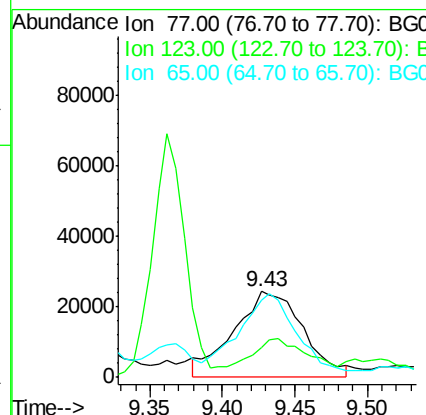
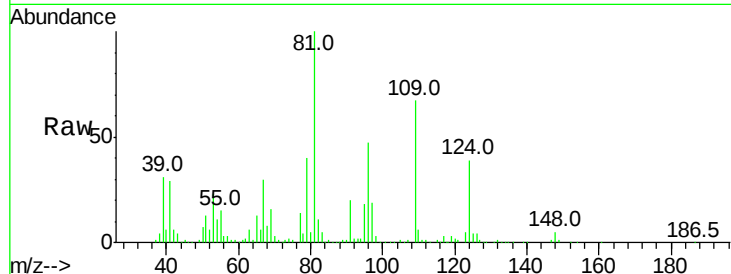
#20
Nitrobenzene
Concen: 17.42 ng/ul m
RT: 9.43 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BG019402.D
Acq: 29 Oct 2015 4:42

Instrument :
BNA_G
ClientSampleId :
E5LS6

Tot Ion	Ratio	Lower	Upper
77	100		
123	35.0	23.4	35.2
65	89.4	11.6	17.4#

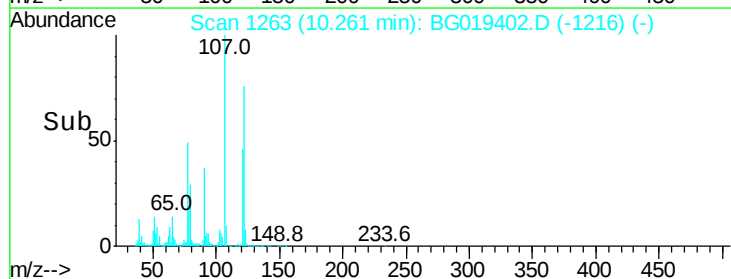
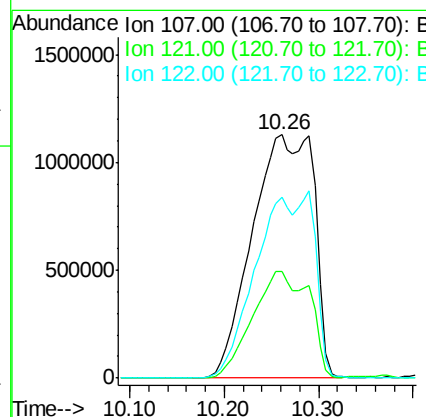
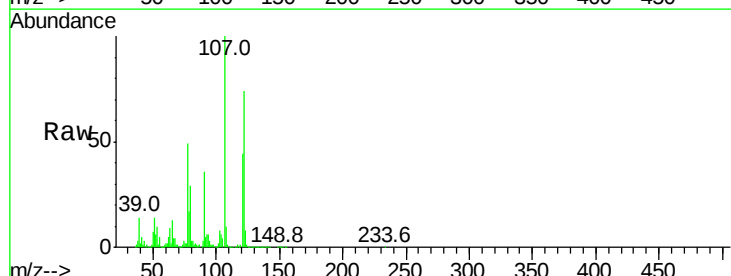
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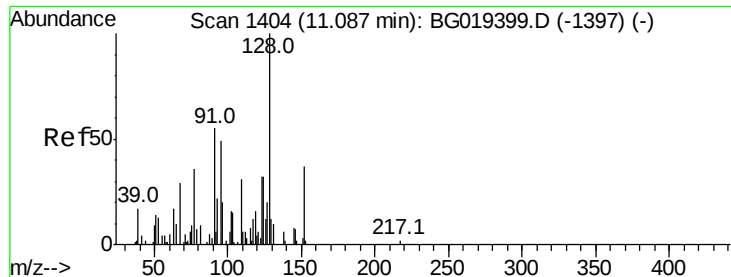
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#24
2,4-Dimethylphenol
Concen: 1224.57 ng/ul m
RT: 10.26 min Scan# 1263
Delta R.T. 0.07 min
Lab File: BG019402.D
Acq: 29 Oct 2015 4:42

Tgt Ion	Ratio	Lower	Upper
107	100		
121	43.9	33.0	49.4
122	74.1	54.2	81.2





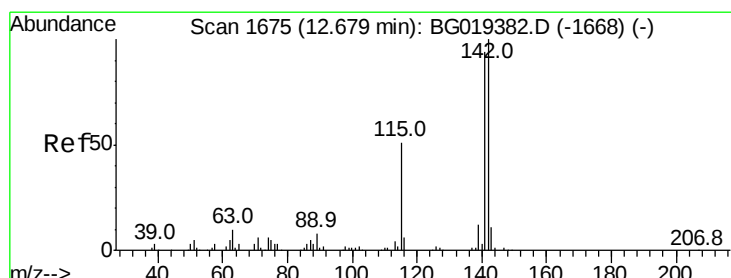
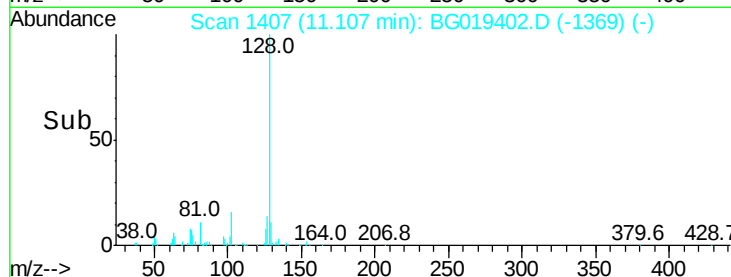
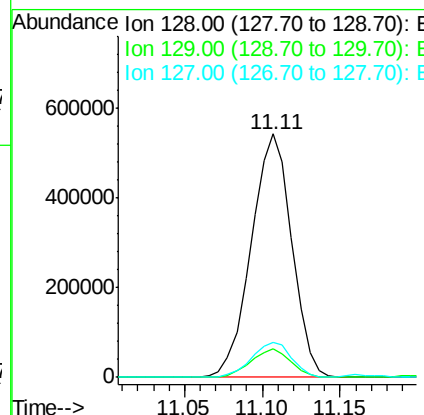
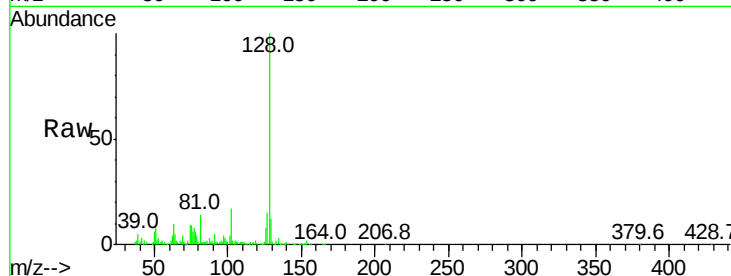
#28
Naphthalene
Concen: 122.06 ng/ul m
RT: 11.11 min Scan# 1407
Delta R.T. 0.02 min
Lab File: BG019402.D
Acq: 29 Oct 2015 4:42

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	14.6	13.1	19.7

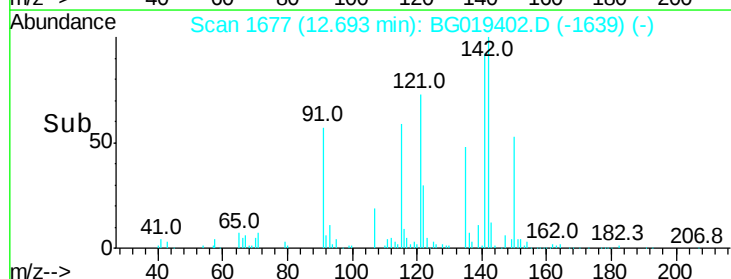
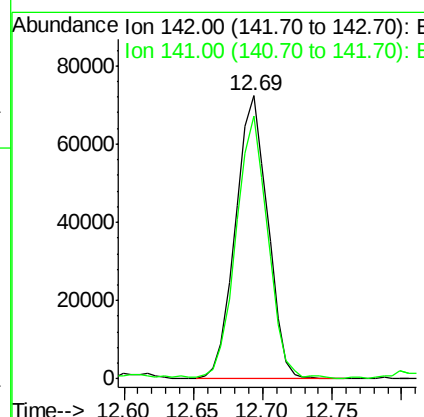
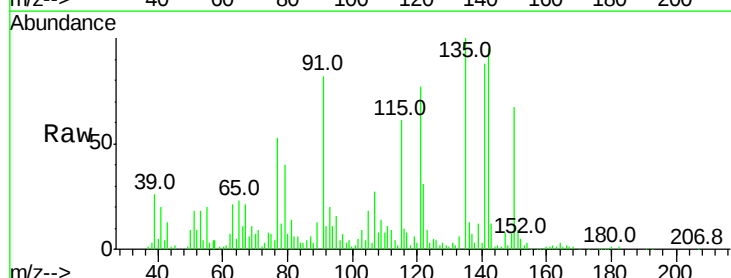
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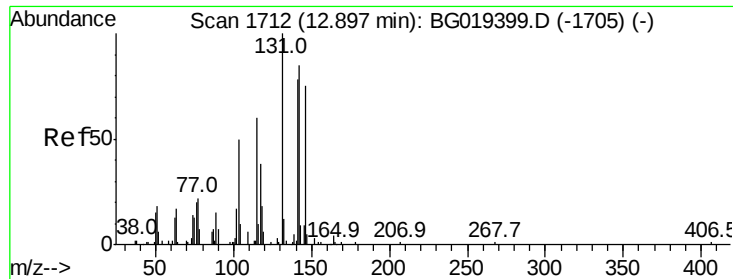
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#34
2-Methylnaphthalene
Concen: 17.98 ng/ul m
RT: 12.69 min Scan# 1677
Delta R.T. 0.02 min
Lab File: BG019402.D
Acq: 29 Oct 2015 4:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.4	110.2





#35

1-Methylnaphthalene

Concen: 16.66 ng/ul m

RT: 12.91 min Scan# 1714

Delta R.T. 0.01 min

Lab File: BG019402.D

Acq: 29 Oct 2015 4:42

Instrument :

BNA_G

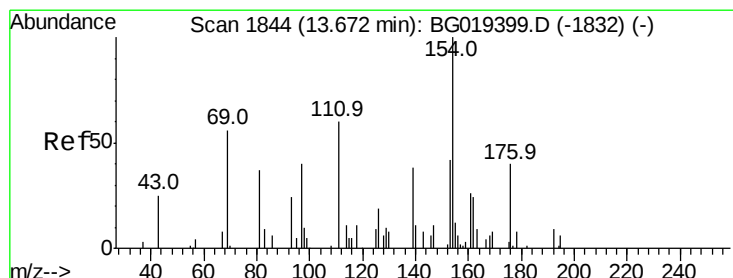
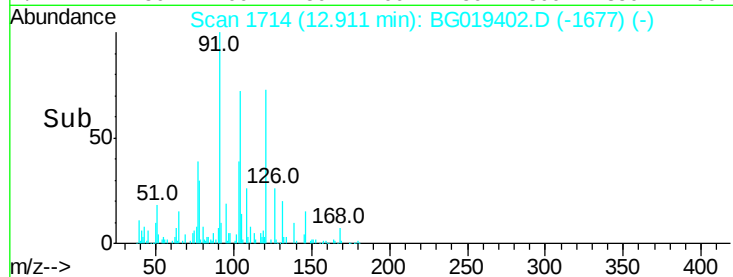
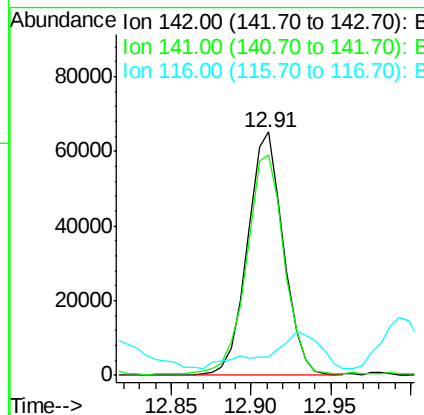
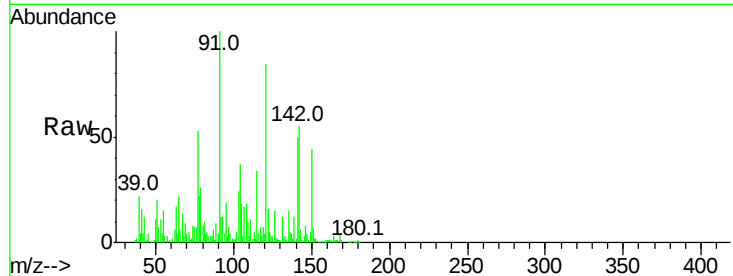
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Tot Ion:	142	Resp:	102329
Ion Ratio	Lower	Upper	
142	100		
141	90.6	76.5	114.7
116	7.5	5.4	8.0

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#41

1,1'-Biphenyl

Concen: 2.96 ng/ul m

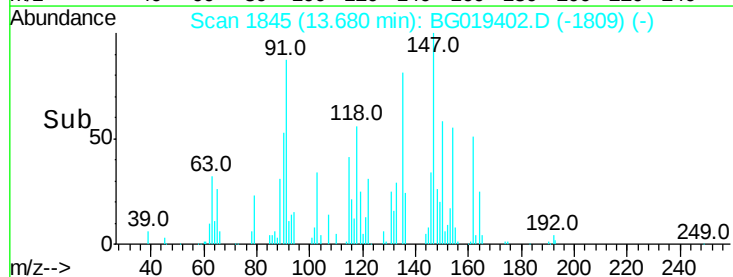
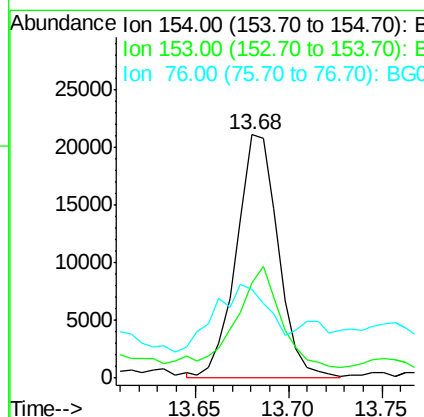
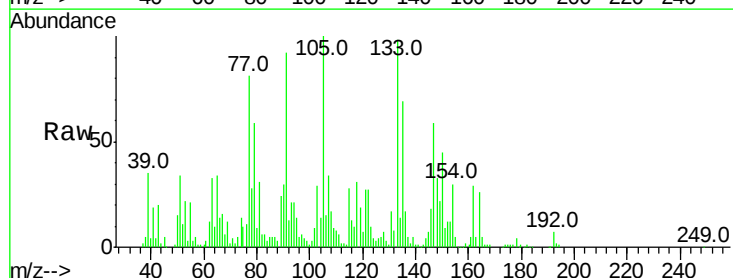
RT: 13.68 min Scan# 1845

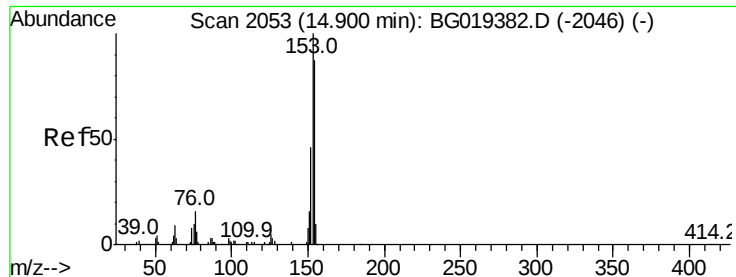
Delta R.T. 0.01 min

Lab File: BG019402.D

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Tgt Ion:	154	Resp:	32792
Ion Ratio	Lower	Upper	
154	100		
153	39.3	32.8	49.2
76	36.5	7.7	11.5#





#50

Acenaphthene

Concen: 1.33 ng/ul m

RT: 14.91 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BG019402.D

Acq: 29 Oct 2015 4:42

Instrument :

BNA_G

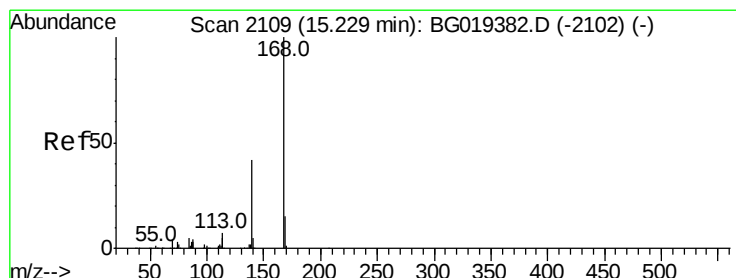
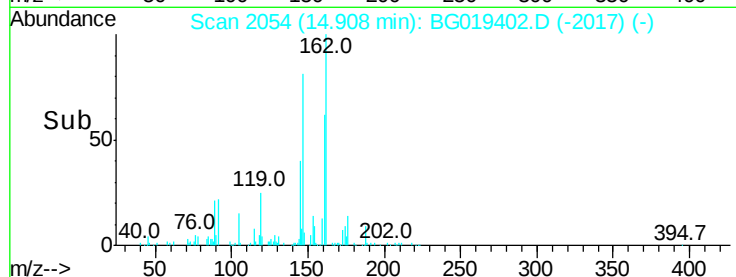
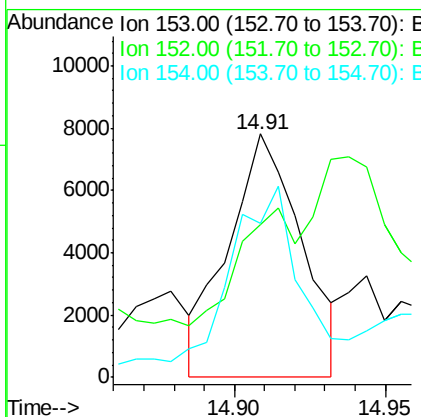
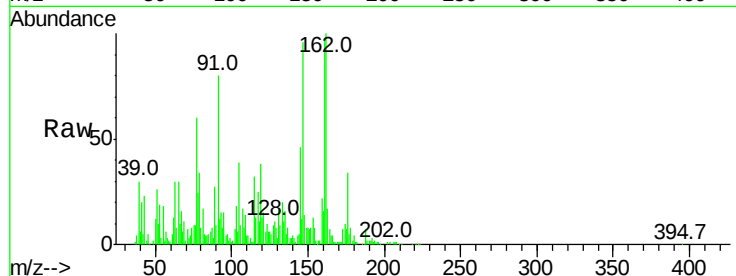
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Tot Ion	Ratio	Lower	Upper
153	100		
152	63.0	38.8	58.2#
154	63.1	71.5	107.3#

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#54

Dibenzofuran

Concen: 1.89 ng/ul m

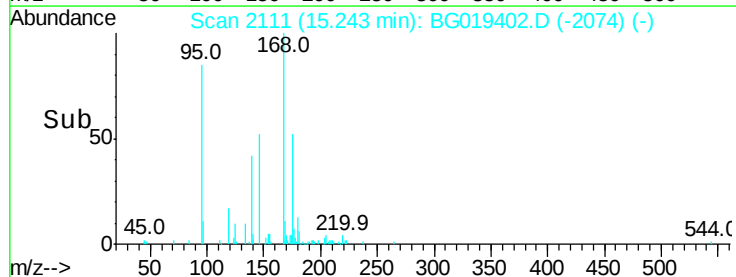
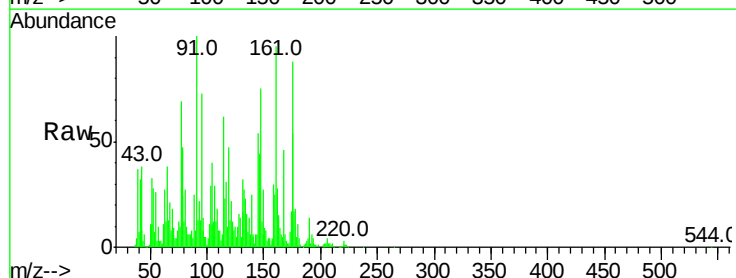
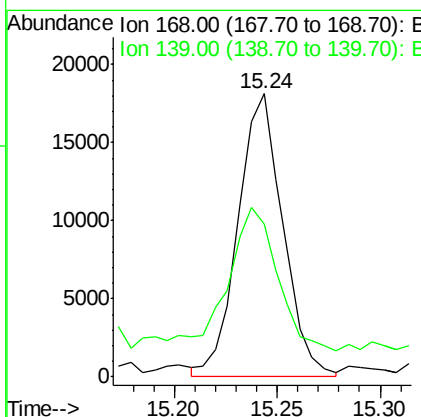
RT: 15.24 min Scan# 2111

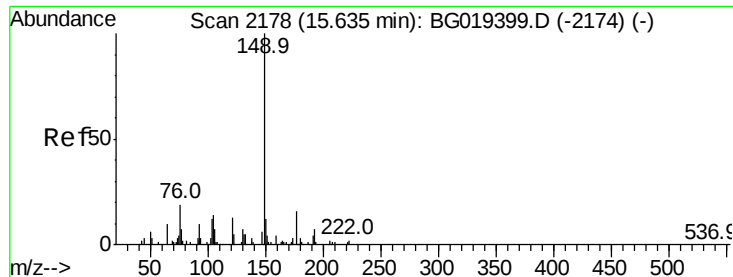
Delta R.T. 0.01 min

Lab File: BG019402.D

Acq: 29 Oct 2015 4:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	54.0	32.4	48.6#





#57

Diethylphthalate

Concen: 4.18 ng/ul m

RT: 15.64 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BG019402.D

Acq: 29 Oct 2015 4:42

Instrument :

BNA_G

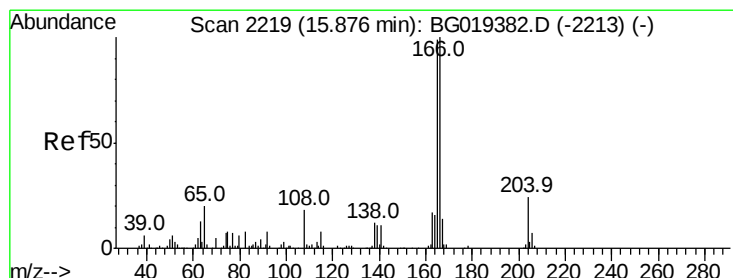
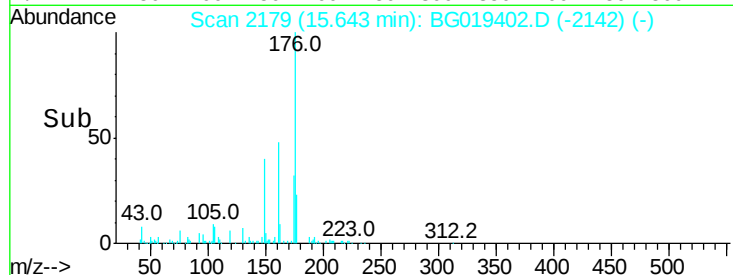
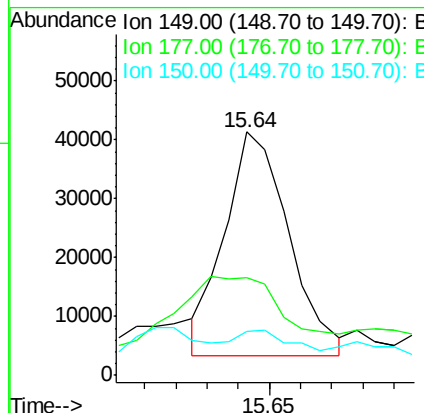
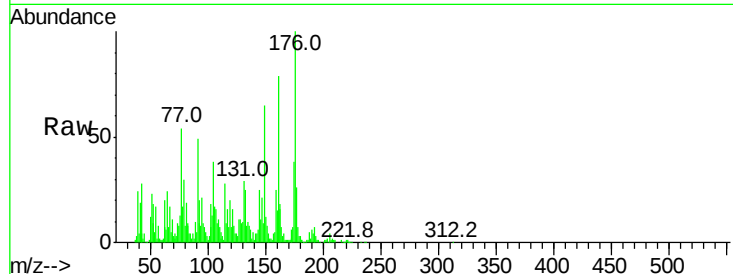
ClientSampleId :

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Tot Ion:	149	Resp:	54543
Ion Ratio	Lower	Upper	
149	100		
177	40.3	20.6	30.8#
150	17.9	11.2	16.8#

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#59

Fluorene

Concen: 1.24 ng/ul m

RT: 15.89 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG019402.D

Acq: 29 Oct 2015 4:42

Tgt Ion:	166	Resp:	15738
Ion Ratio	Lower	Upper	
166	100		
165	116.8	77.6	116.4#
167	22.3	9.6	14.4#

