

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025237.D
 Acq On : 16 Dec 2016 7:44
 Operator : UM/SJ
 Sample : H5970-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA850

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:21:27 PM

Quant Time: Dec 16 12:59:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:54:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	99571	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	404682	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	291407	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	550145	20.00	ng/ul	0.01
75) Chrysene-d12	21.91	240	686107	20.00	ng/ul	0.02
83) Perylene-d12	25.35	264	639327	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	8993	4.67	ng/uL	0.00
5) Phenol-d5	7.39	99	239959	27.93	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	157141	29.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	184178	30.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	196554	27.38	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	95917	33.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	115611	32.36	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	210782	30.68	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	52622	7.79	ng/ul	0.03
43) Dimethylphthalate-d6	14.25	166	607631	30.31	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	707320	32.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	86262	25.04	ng/ul	0.05
57) Fluorene-d10	15.85	176	549059	29.10	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.99	200	112456	33.06	ng/ul	0.02
70) Anthracene-d10	17.71	188	805780	34.70	ng/ul	0.01
76) Pyrene-d10	19.98	212	943952	33.40	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.11	264	936385	36.15	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	7.42	94	16555	1.88	ng/ul	92
16) 4-Methylphenol	9.01	108	18127	2.51	ng/ul#	79
24) 2,4-Dimethylphenol	10.22	107	49511m	5.97	ng/ul	
28) Naphthalene	11.12	128	161836	8.60	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	386668	26.05	ng/ul	92
40) 1,1'-Biphenyl	13.69	154	93328	5.28	ng/ul	94
44) Dimethylphthalate	14.30	163	364815	18.52	ng/ul	99
49) Acenaphthene	14.93	153	37423	2.56	ng/ul#	79
53) Dibenzofuran	15.26	168	138612	5.99	ng/ul	98
58) Fluorene	15.90	166	75813	4.03	ng/ul#	74
69) Phenanthrene	17.65	178	310875	11.84	ng/ul	96
74) Fluoranthene	19.65	202	142658	4.57	ng/ul	98
77) Pyrene	20.01	202	187875	5.70	ng/ul#	96
80) Benzo(a)anthracene	21.89	228	77121	2.16	ng/ul#	61
81) Bis(2-ethylhexyl)phthalate	21.73	149	1213782	68.29	ng/ul#	94
82) Chrysene	21.96	228	79850	2.39	ng/ul#	72
85) Benzo(b)fluoranthene	24.24	252	84475	2.66	ng/ul#	64

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

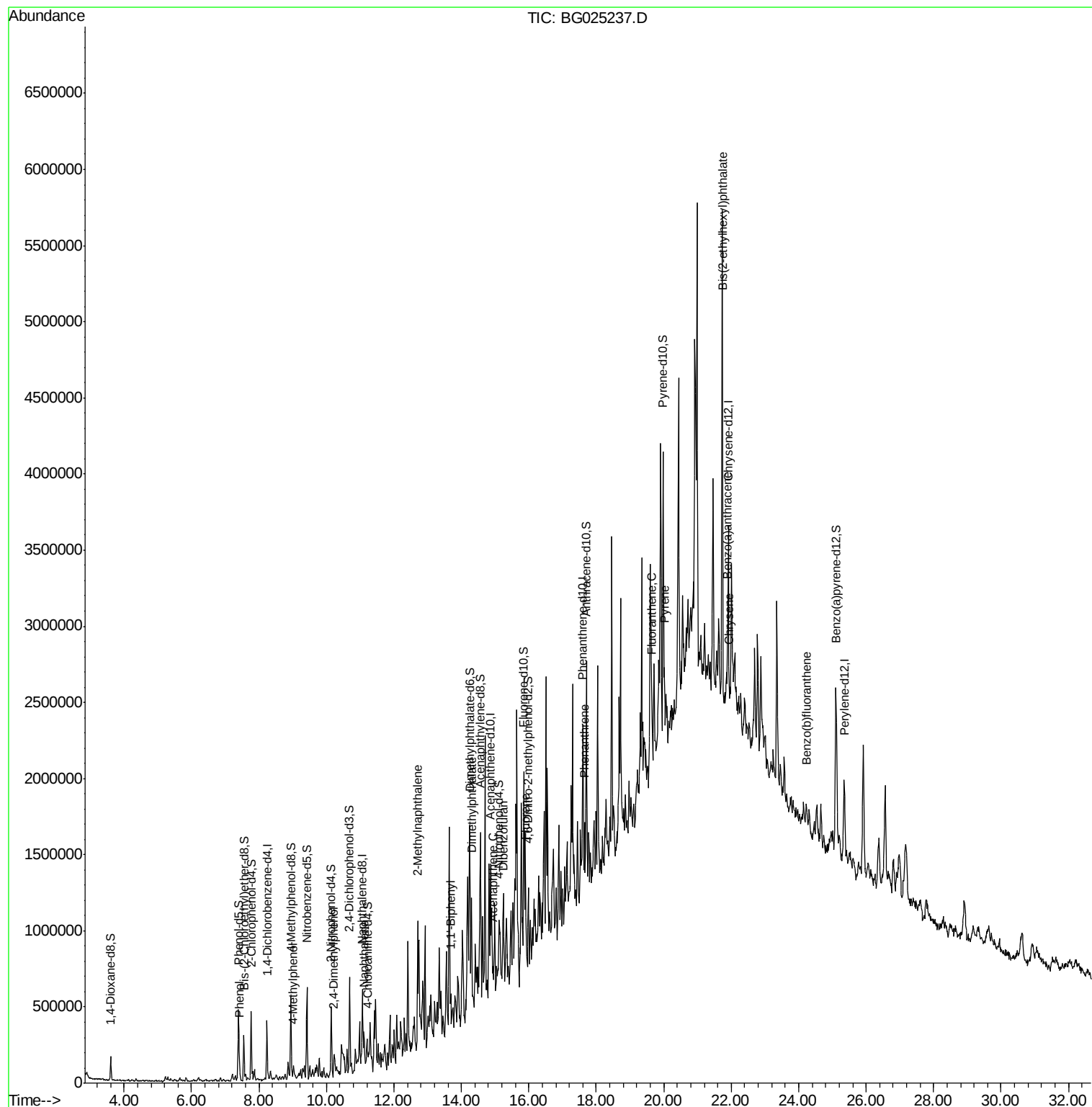
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025237.D
Acq On : 16 Dec 2016 7:44
Operator : UM/SJ
Sample : H5970-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

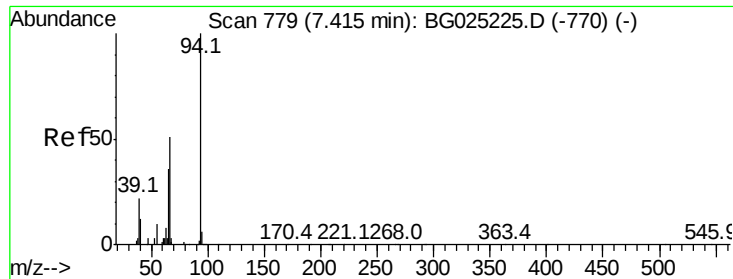
Instrument :
BNA_G
ClientSampled :
DA850

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Quant Time: Dec 16 12:59:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.88 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025237.D

Acq: 16 Dec 2016 7:44

Instrument :

BNA_G

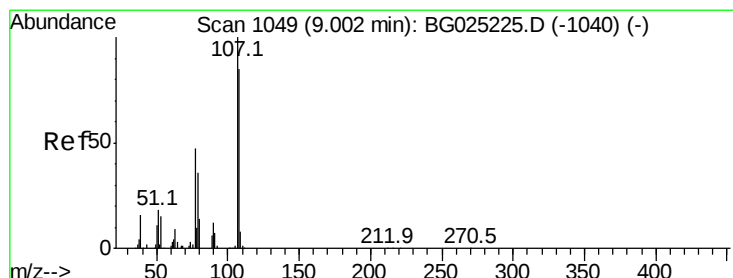
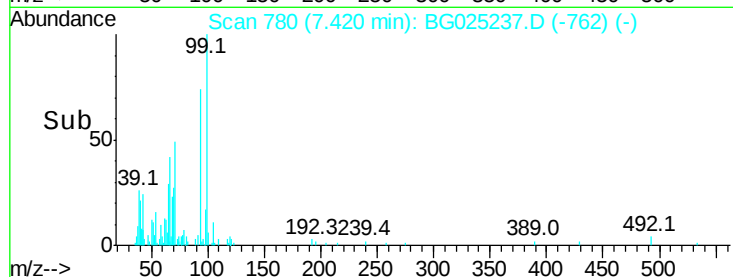
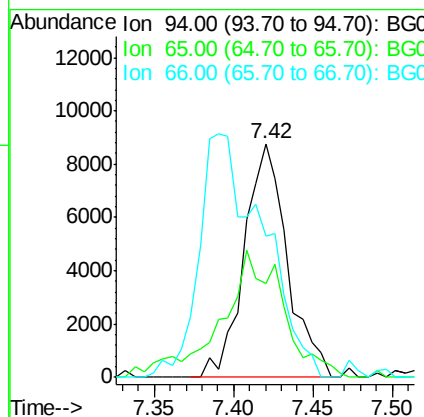
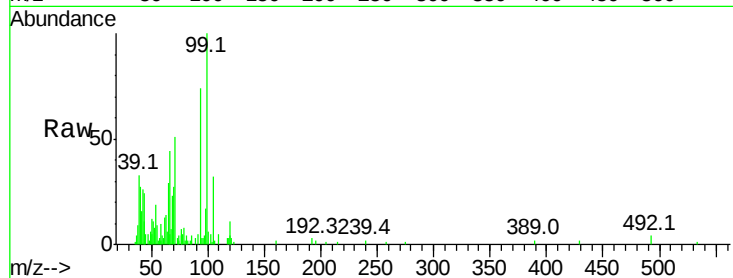
ClientSampleId :

DA850

Tot Ion:	94	Resp:	16555
Ion Ratio	Lower	Upper	
94	100		
65	39.9	26.8	40.2
66	60.4	44.4	66.6

Manual Integrations
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#16

4-Methylphenol

Concen: 2.51 ng/ul

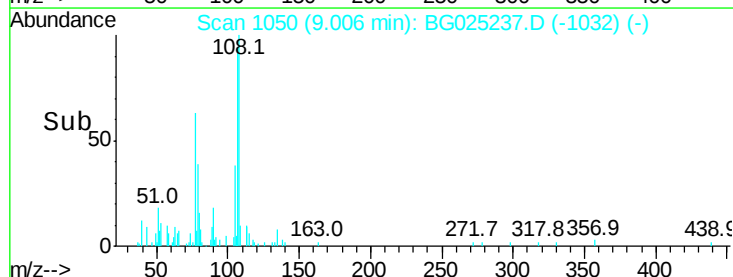
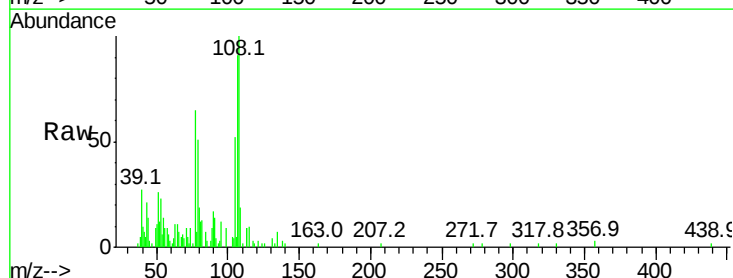
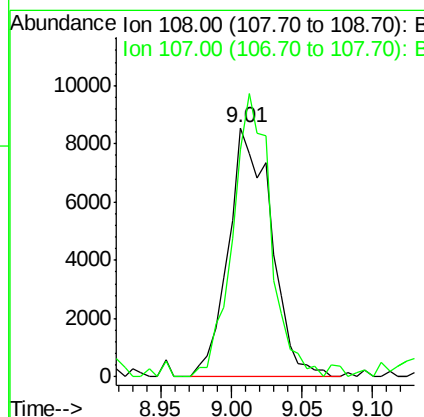
RT: 9.01 min Scan# 1050

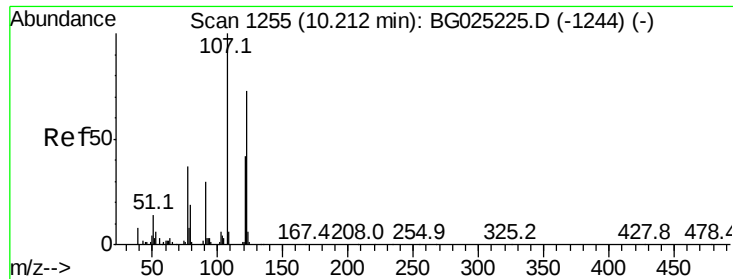
Delta R.T. 0.00 min

Lab File: BG025237.D

Acq: 16 Dec 2016 7:44

Tgt Ion:	108	Resp:	18127
Ion Ratio	Lower	Upper	
108	100		
107	91.4	91.7	137.5#





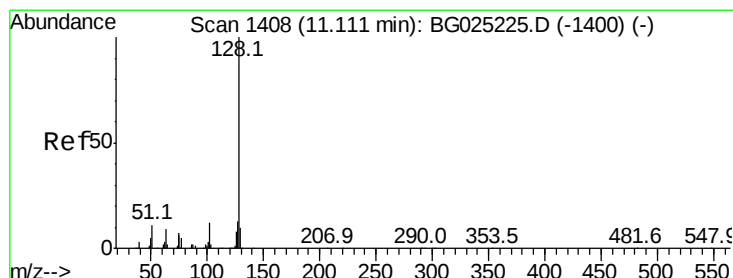
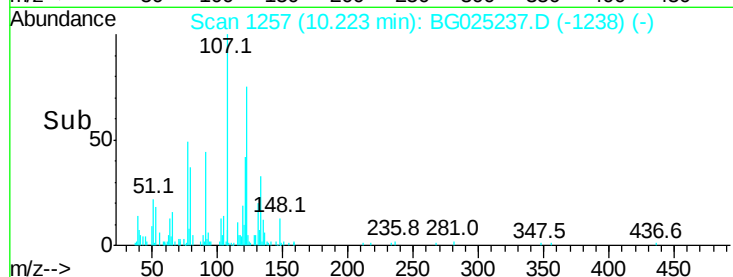
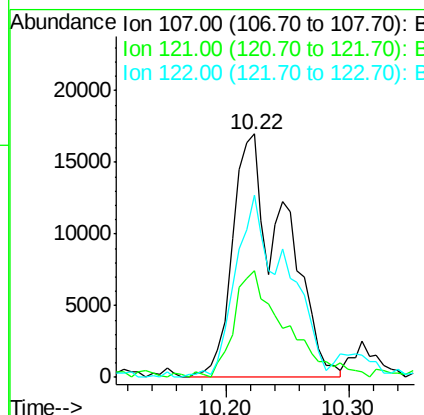
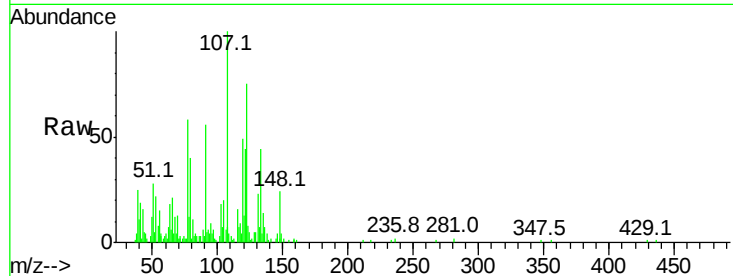
#24
2,4-Dimethylphenol
Concen: 5.97 ng/ul m
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025237.D
Acq: 16 Dec 2016 7:44

Instrument :
BNA_G
ClientSampleId :
DA850

Tot Ion	Ratio	Resp	Lower	Upper
107	100	49511		
121	43.7	32.3	48.5	
122	75.0	61.2	91.8	

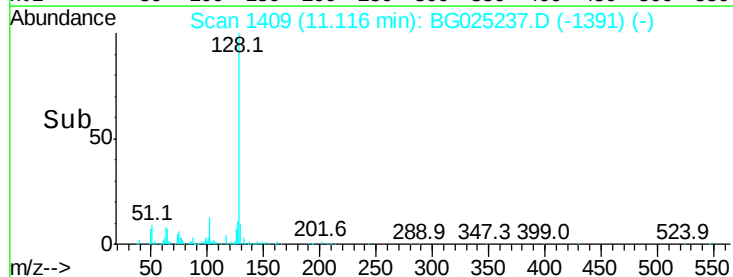
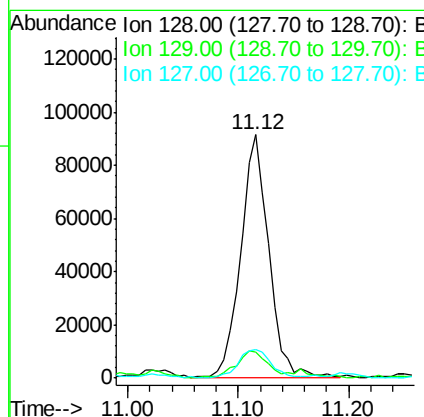
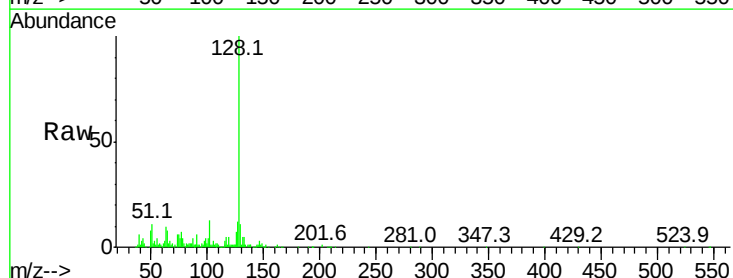
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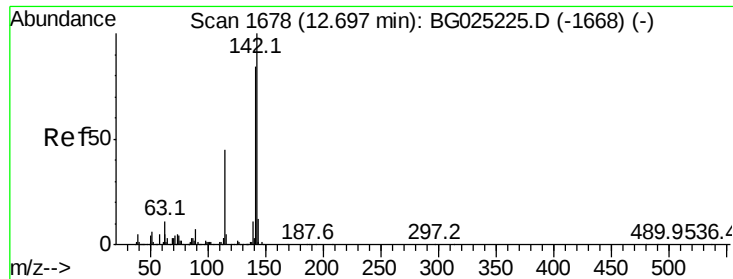
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#28
Naphthalene
Concen: 8.60 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG025237.D
Acq: 16 Dec 2016 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	161836		
129	10.6	9.4	14.2	
127	11.7	10.3	15.5	





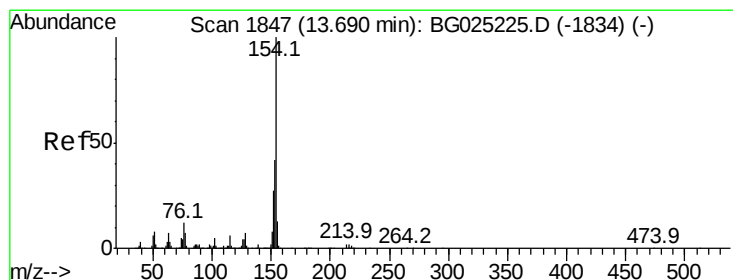
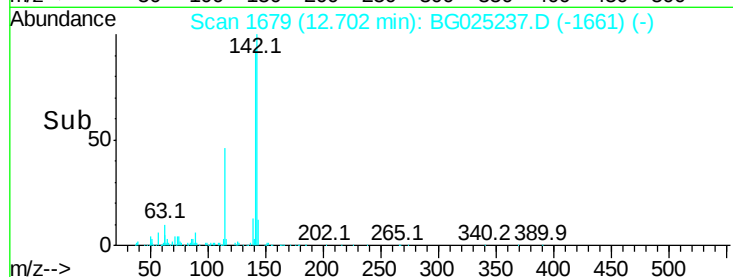
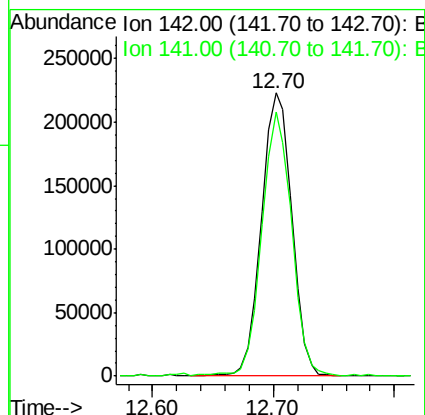
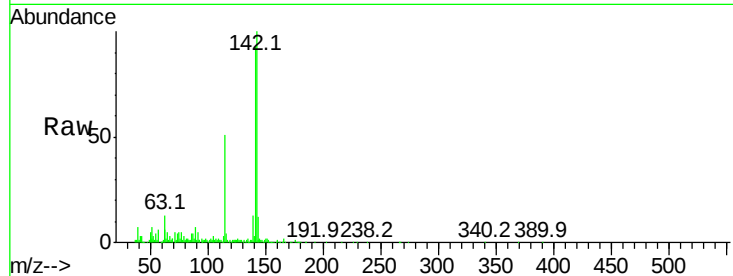
#34
 2-Methylnaphthalene
 Concen: 26.05 ng/ul
 RT: 12.70 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG025237.D
 Acq: 16 Dec 2016 7:44

Instrument :
 BNA_G
 ClientSampled :
 DA850

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	68.6	102.8

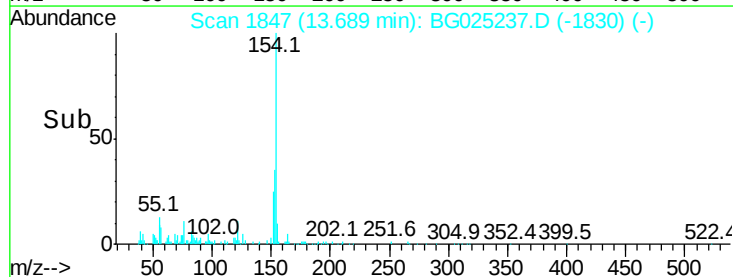
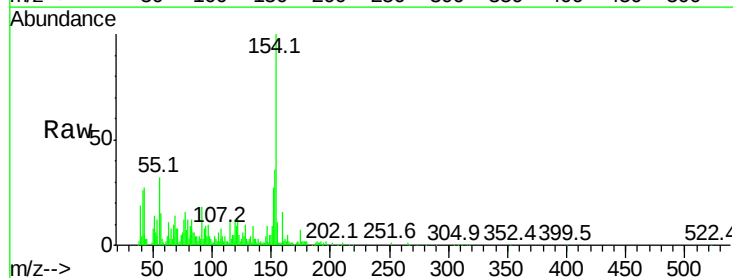
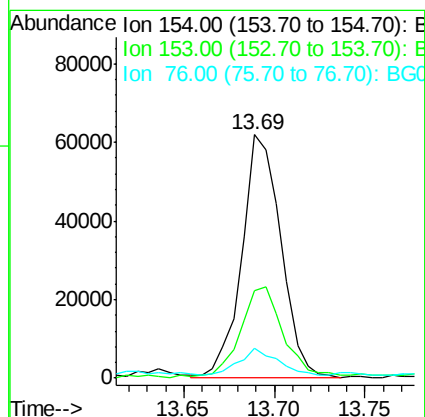
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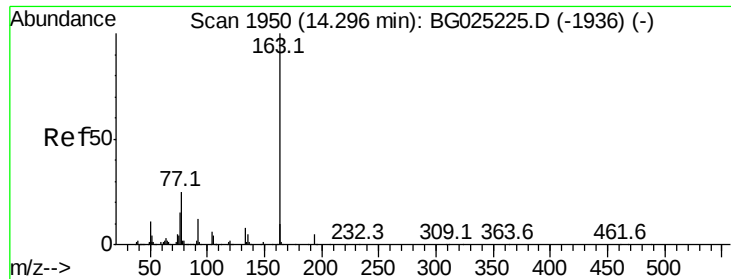
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#40
 1,1'-Biphenyl
 Concen: 5.28 ng/ul
 RT: 13.69 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG025237.D
 Acq: 16 Dec 2016 7:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	35.9	32.2	48.2
76	12.5	9.6	14.4





#44

Dimethylphthalate

Concen: 18.52 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG025237.D

Acq: 16 Dec 2016 7:44

Instrument :

BNA_G

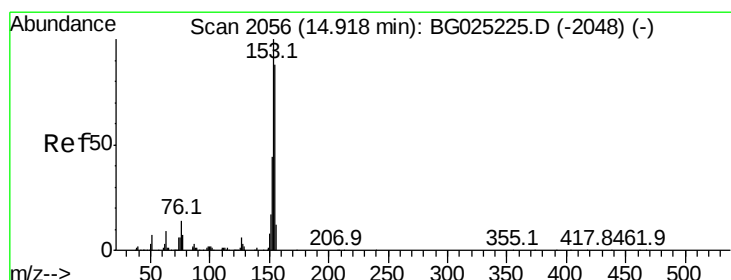
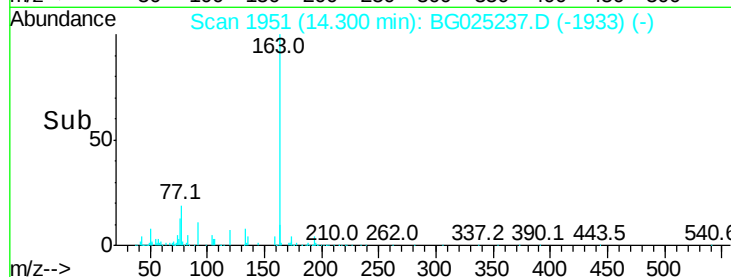
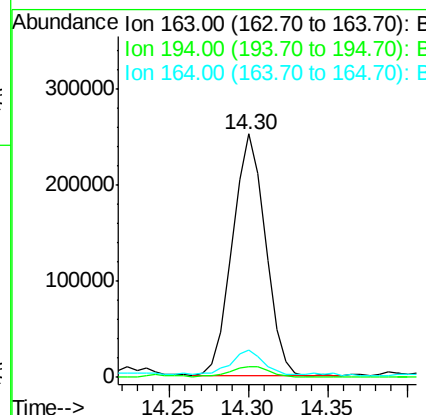
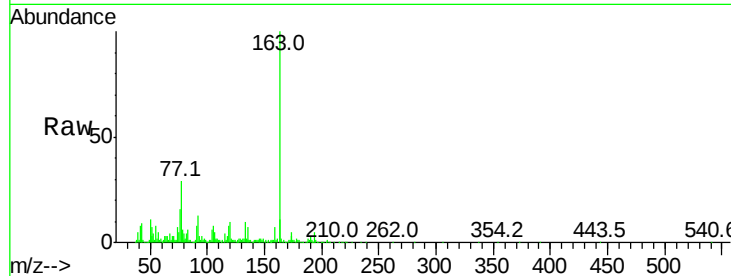
ClientSampleId :

DA850

Tot Ion:	163	Resp:	364815
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.0
164	11.3	9.0	13.4

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#49

Acenaphthene

Concen: 2.56 ng/ul

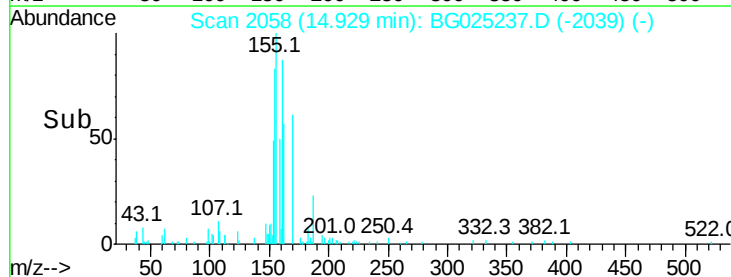
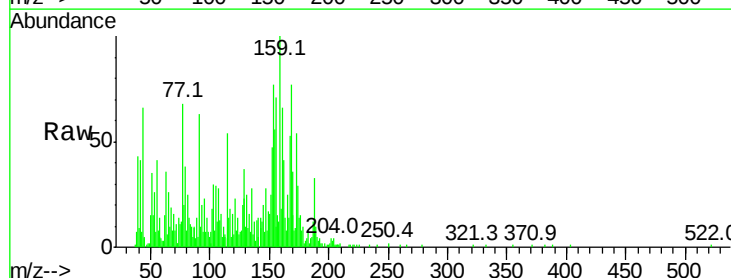
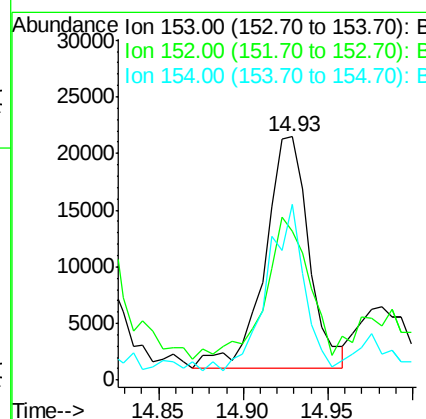
RT: 14.93 min Scan# 2058

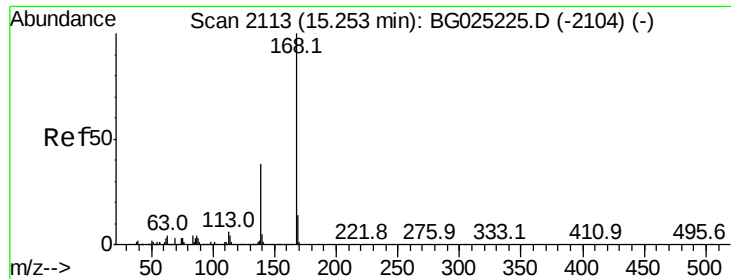
Delta R.T. 0.01 min

Lab File: BG025237.D

Acq: 16 Dec 2016 7:44

Tgt Ion:	153	Resp:	37423
Ion Ratio	Lower	Upper	
153	100		
152	61.3	36.5	54.7#
154	72.2	72.3	108.5#





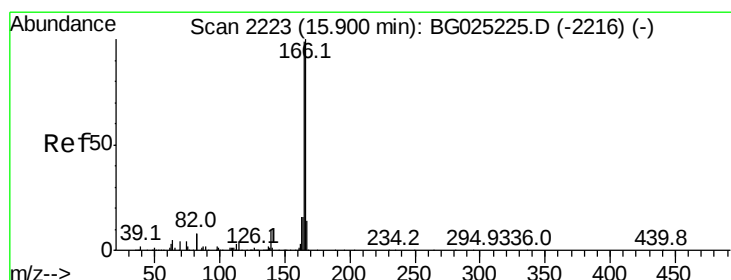
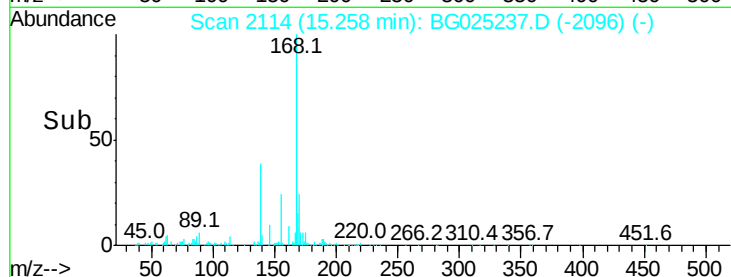
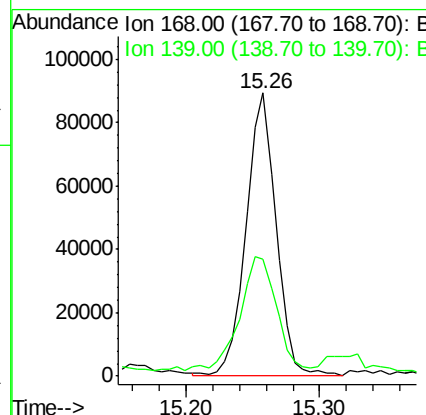
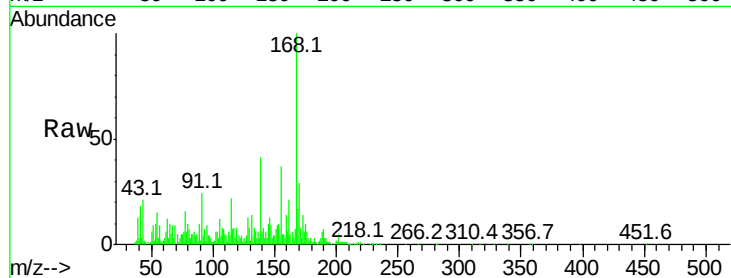
#53
Dibenzenofuran
Concen: 5.99 ng/ul
RT: 15.26 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG025237.D
Acq: 16 Dec 2016 7:44

Instrument :
BNA_G
ClientSampleId :
DA850

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	33.8	50.8

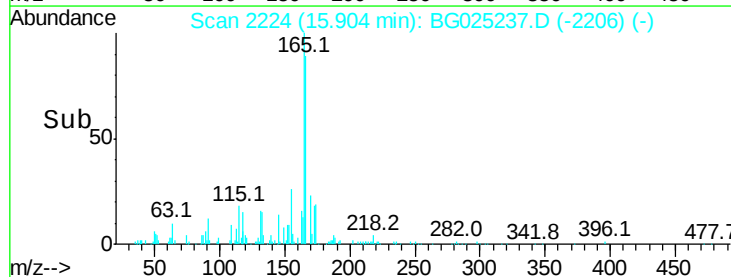
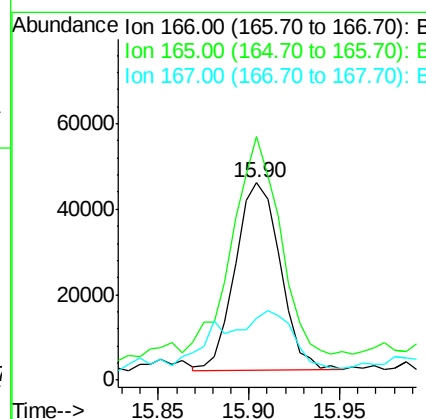
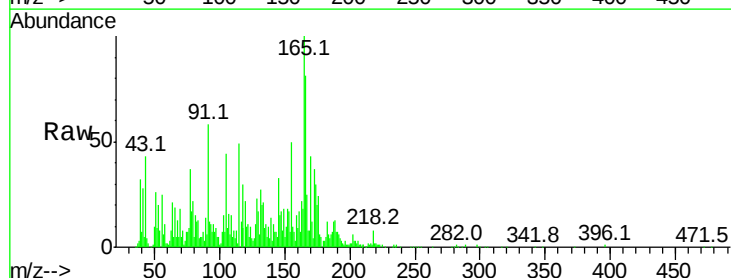
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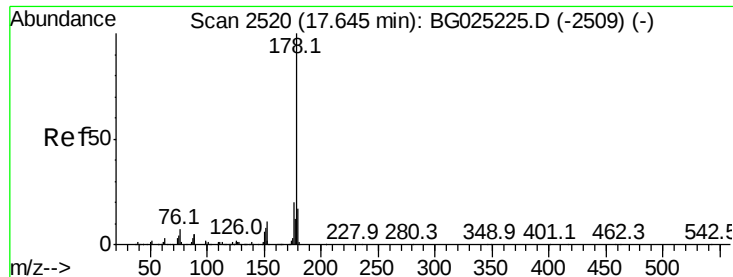
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#58
Fluorene
Concen: 4.03 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG025237.D
Acq: 16 Dec 2016 7:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	123.4	79.7	119.5#
167	31.3	11.4	17.2#





#69

Phenanthrene

Concen: 11.84 ng/ul

RT: 17.65 min Scan# 2521

Delta R.T. 0.00 min

Lab File: BG025237.D

Acq: 16 Dec 2016 7:44

Instrument :

BNA_G

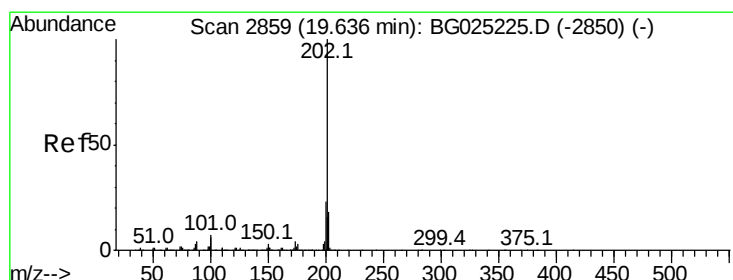
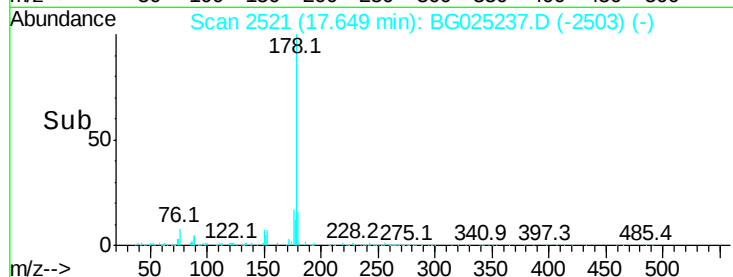
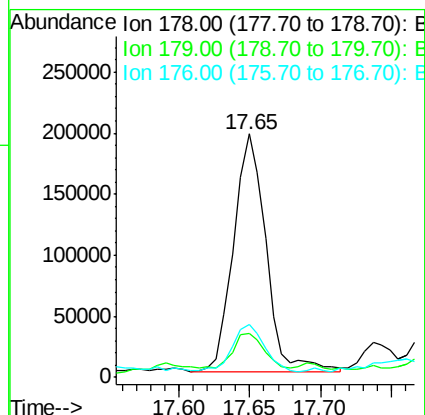
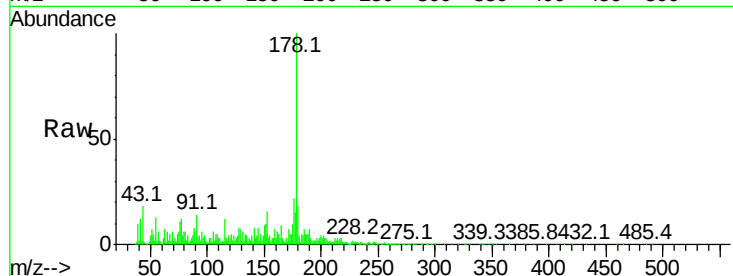
ClientSampleId :

DA850

Tot Ion:	178	Resp:	310875
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.4	18.6
176	21.6	16.5	24.7

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#74

Fluoranthene

Concen: 4.57 ng/ul

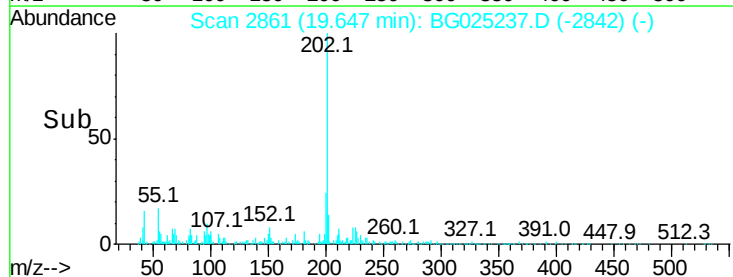
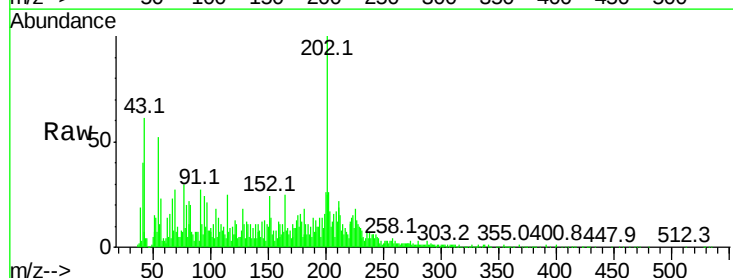
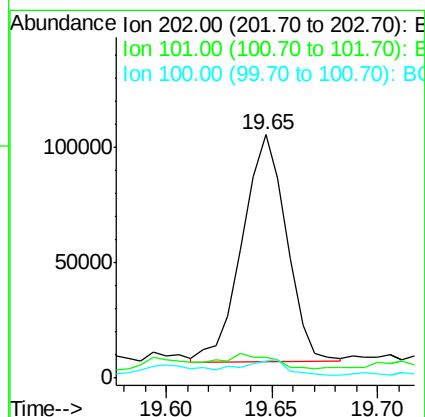
RT: 19.65 min Scan# 2861

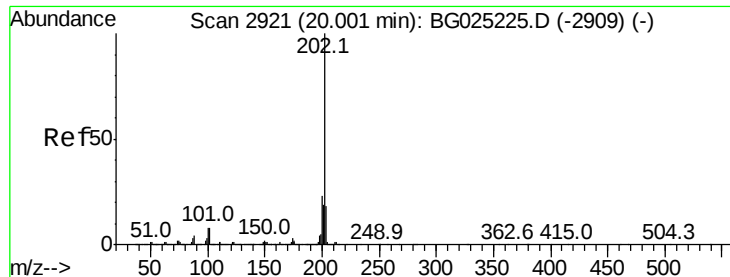
Delta R.T. 0.01 min

Lab File: BG025237.D

Acq: 16 Dec 2016 7:44

Tgt Ion:	202	Resp:	142658
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.2	9.2
100	7.0	5.2	7.8





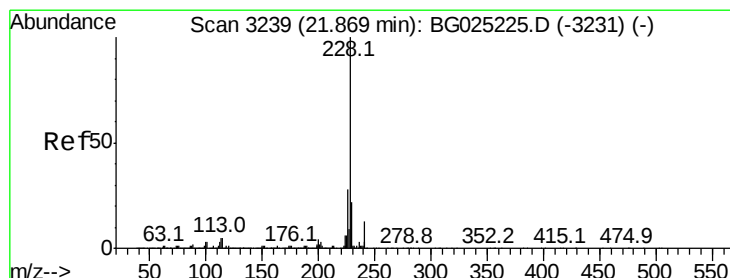
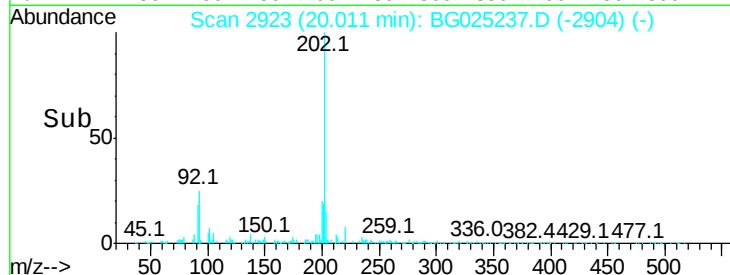
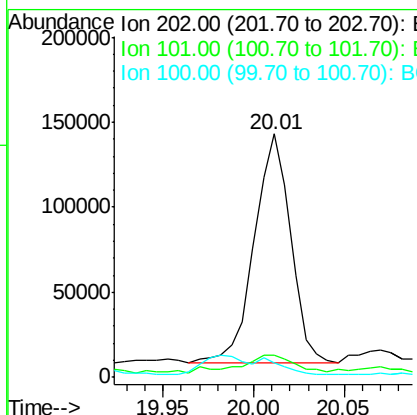
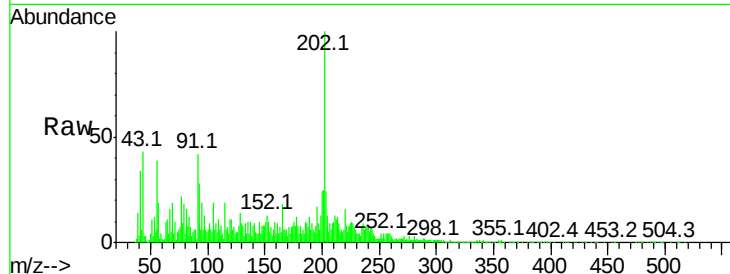
#77
Pvrene
Concen: 5.70 ng/ul
RT: 20.01 min Scan# 2923
Delta R.T. 0.01 min
Lab File: BG025237.D
Acq: 16 Dec 2016 7:44

Instrument :
BNA_G
ClientSampleId :
DA850

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	6.9	10.3
100	5.9	6.6	10.0#

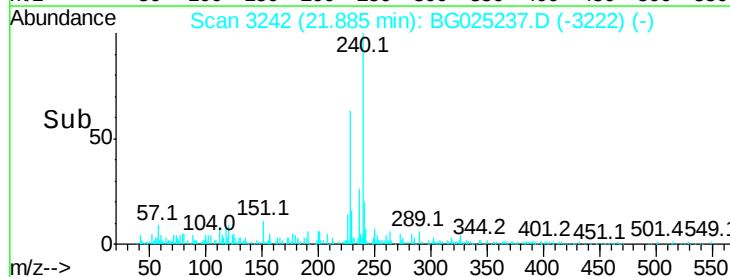
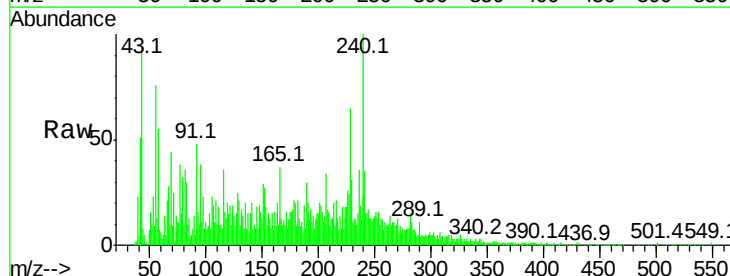
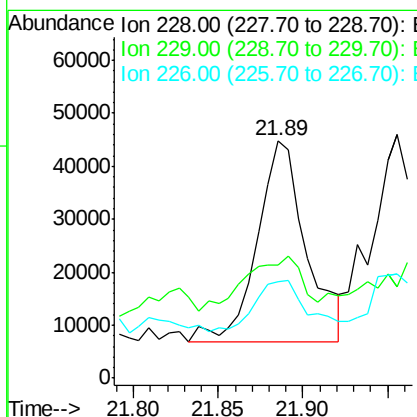
Manual Integrations
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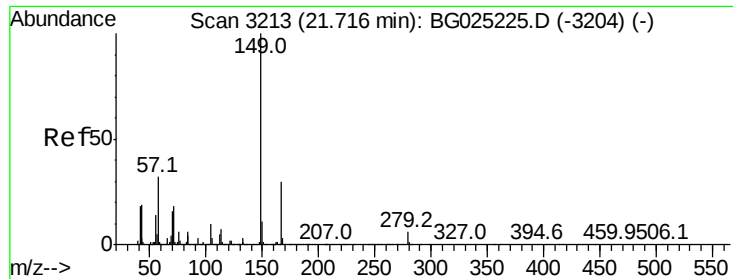
UMANGI
12/16/2016 6:21:27 PM



#80
Benzo(a)anthracene
Concen: 2.16 ng/ul
RT: 21.89 min Scan# 3242
Delta R.T. 0.02 min
Lab File: BG025237.D
Acq: 16 Dec 2016 7:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	47.4	16.3	24.5#
226	40.4	21.9	32.9#





#81

Bis(2-ethylhexyl)phthalate

Concen: 68.29 ng/ul

RT: 21.73 min Scan# 3216

Delta R.T. 0.02 min

Lab File: BG025237.D

Acq: 16 Dec 2016 7:44

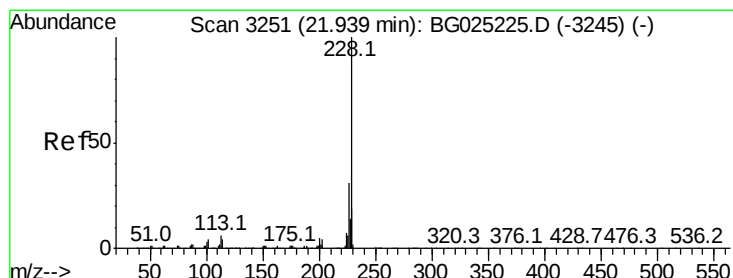
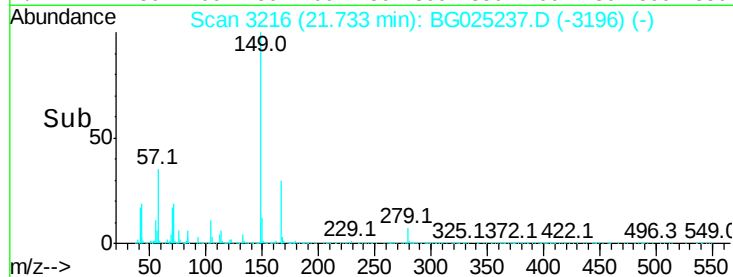
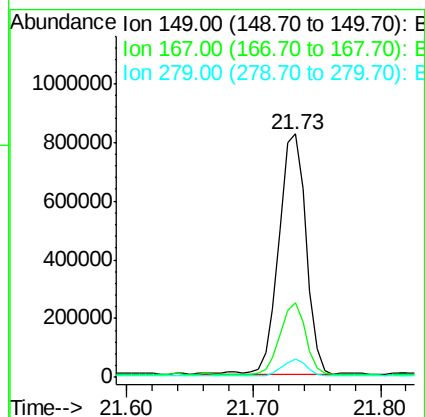
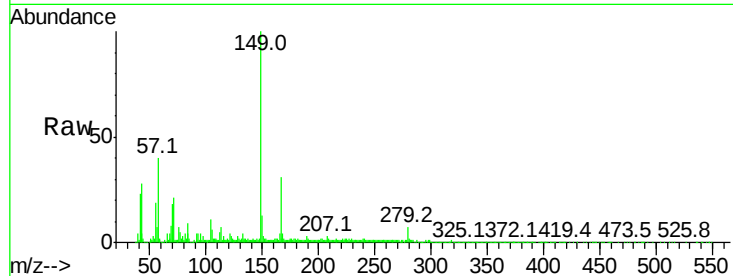
Instrument :
BNA_G
ClientSampleId :
DA850

Tot Ion:149 Resp: 1213782

Ion	Ratio	Lower	Upper
149	100		
167	30.6	21.8	32.8
279	7.4	4.5	6.7#

Manual Integrations
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#82

Chrysene

Concen: 2.39 ng/ul

RT: 21.96 min Scan# 3254

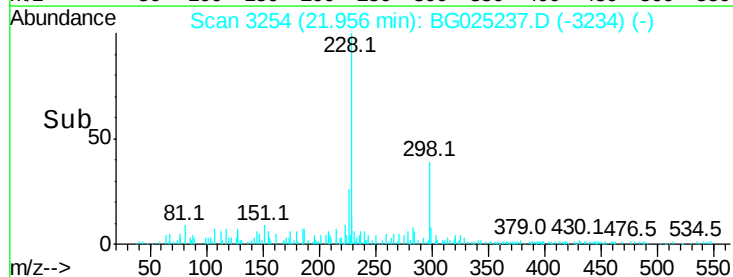
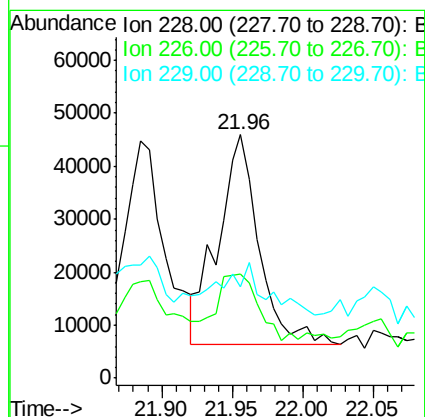
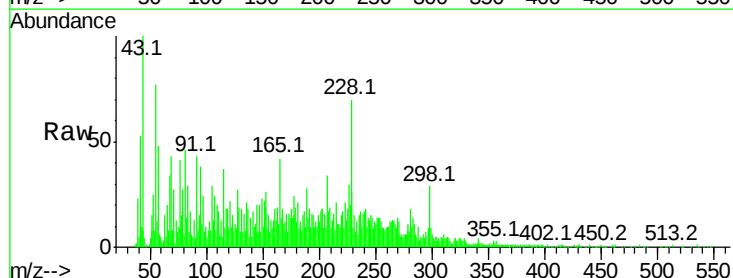
Delta R.T. 0.02 min

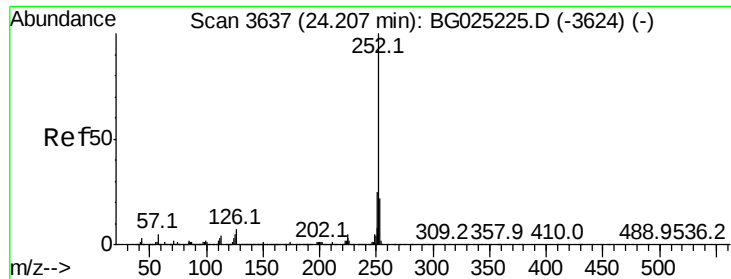
Lab File: BG025237.D

Acq: 16 Dec 2016 7:44

Tgt Ion:228 Resp: 79850

Ion	Ratio	Lower	Upper
228	100		
226	42.6	24.0	36.0#
229	37.5	16.9	25.3#





#85
 Benzo(b)fluoranthene
 Concen: 2.66 ng/ul
 RT: 24.24 min Scan# 3643
 Delta R.T. 0.03 min
 Lab File: BG025237.D
 Acq: 16 Dec 2016 7:44

Instrument :
 BNA_G
 ClientSampleId :
 DA850

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.3	17.7	26.5#
125	19.1	4.0	6.0#

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:21:27 PM

