

Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
 Data File : BG025100.D
 Acq On : 11 Dec 2016 12:16
 Operator : UM/SJ
 Sample : H5905-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA806

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:10 PM

Quant Time: Dec 16 08:41:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 06:35:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	106024	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	426245	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	340974	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	736259	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	869639	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	862237	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	7014	3.42	ng/uL	0.00
5) Phenol-d5	7.39	99	198411	21.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	139642	24.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	138632	21.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	153853	20.13	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	69982	23.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	80942	21.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	153727	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	58028	8.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	561895	23.96	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	581370	22.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	77893	19.32	ng/ul	0.00
57) Fluorene-d10	15.84	176	478061	21.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	102535	22.52	ng/ul	0.00
70) Anthracene-d10	17.70	188	697700	22.45	ng/ul	0.00
76) Pyrene-d10	19.97	212	774376	21.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	733420	20.99	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	36506	3.89	ng/ul#	89
28) Naphthalene	11.11	128	20990	1.06	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	21296m	1.36	ng/ul	
44) Dimethylphthalate	14.29	163	121032	5.25	ng/ul#	97
69) Phenanthrene	17.64	178	100355	2.86	ng/ul	96
74) Fluoranthene	19.64	202	229892	5.51	ng/ul#	97
77) Pyrene	20.00	202	224451	5.37	ng/ul	98
80) Benzo(a)anthracene	21.87	228	176569	3.91	ng/ul	99
82) Chrysene	21.94	228	188720	4.47	ng/ul	98
85) Benzo(b)fluoranthene	24.21	252	309625m	7.24	ng/ul	
86) Benzo(k)fluoranthene	24.27	252	91424	2.25	ng/ul	99
88) Benzo(a)pyrene	25.14	252	174342	4.24	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.21	276	129409	2.53	ng/ul	94
91) Benzo(g,h,i)perylene	30.45	276	114070m	2.68	ng/ul	

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

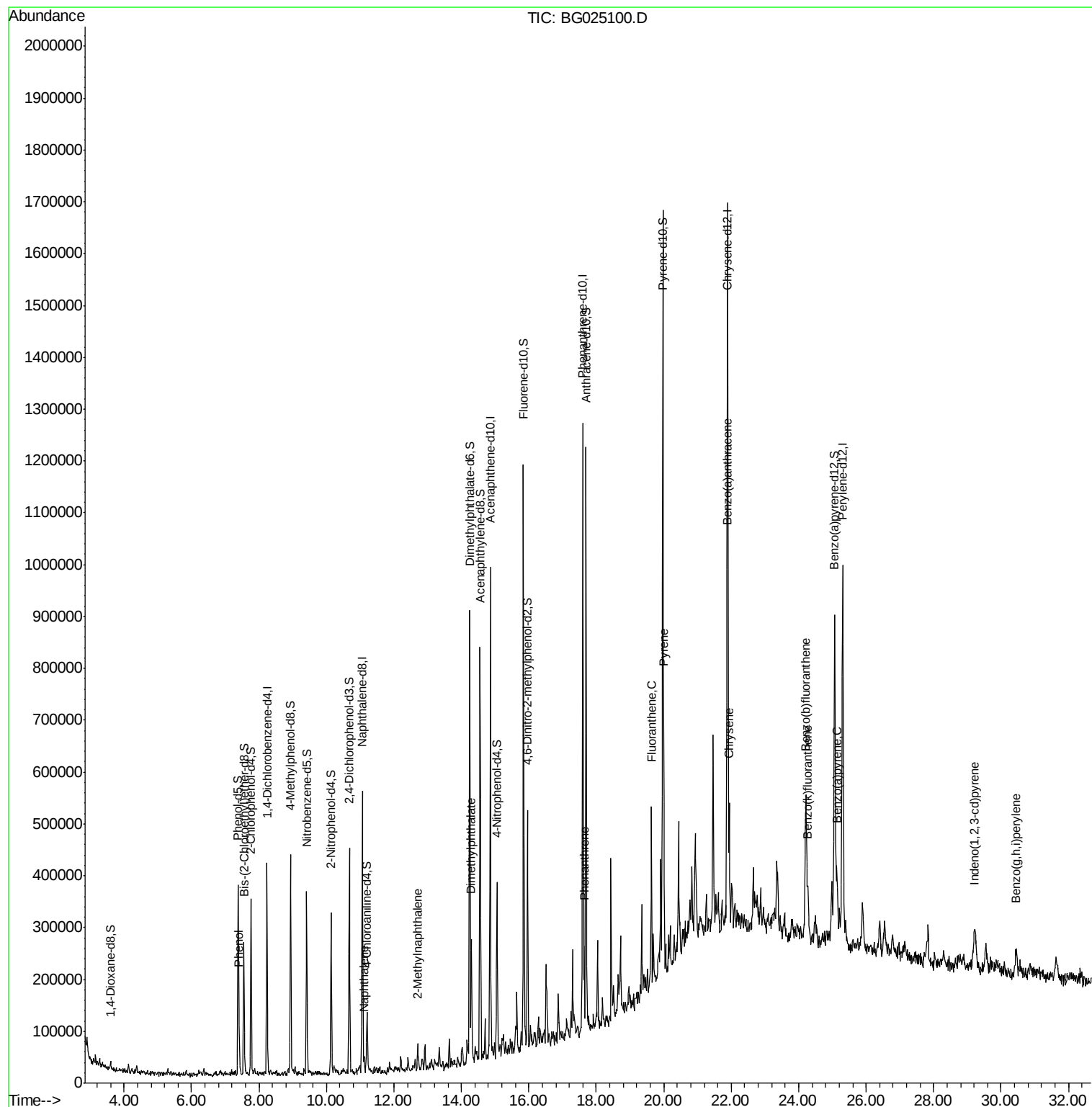
Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
Data File : BG025100.D
Acq On : 11 Dec 2016 12:16
Operator : UM/SJ
Sample : H5905-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

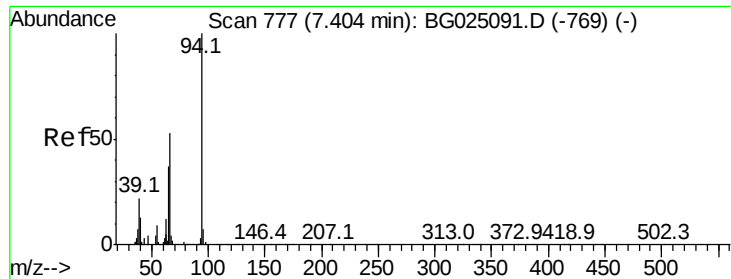
Instrument :
BNA_G
ClientSampleId :
DA806

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Quant Time: Dec 16 08:41:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration





#6

Phenol

Concen: 3.89 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Instrument :

BNA_G

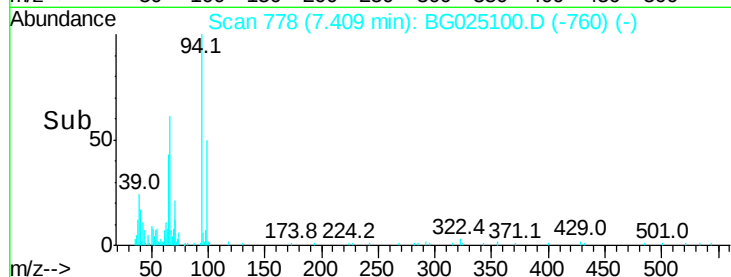
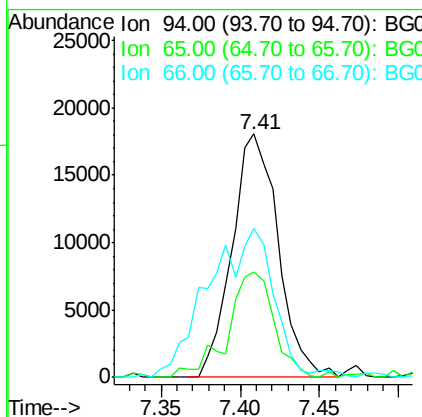
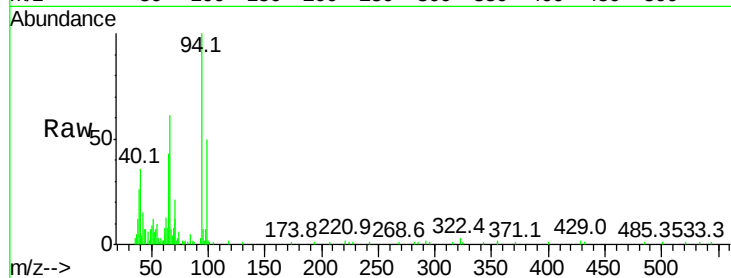
ClientSampleId :

DA806

Tot Ion:	94	Resp:	36506
Ion Ratio	Lower	Upper	
94	100		
65	43.2	26.8	40.2#
66	61.3	44.4	66.6

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#28

Naphthalene

Concen: 1.06 ng/ul

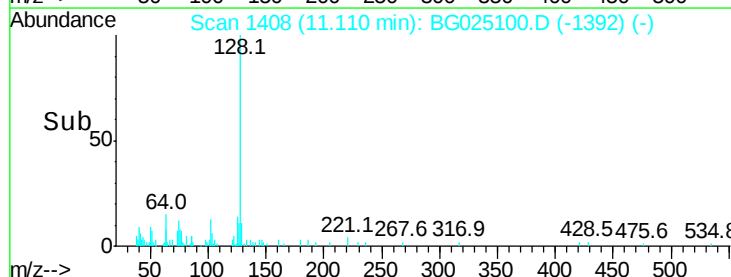
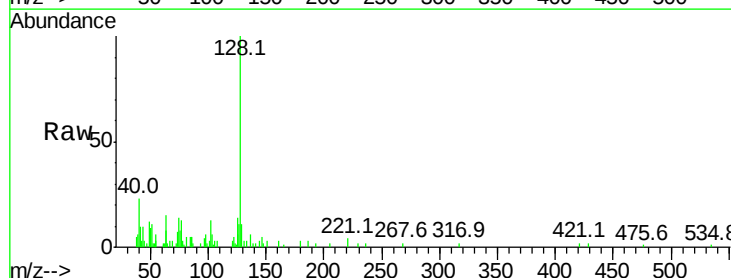
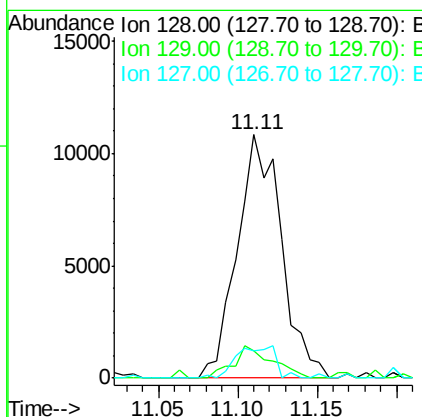
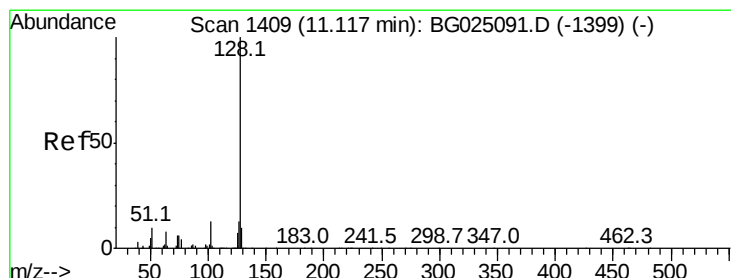
RT: 11.11 min Scan# 1408

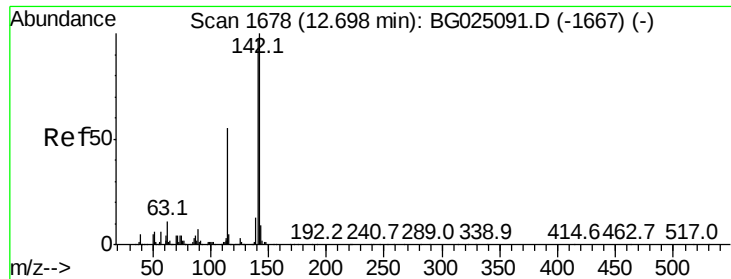
Delta R.T. -0.01 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Tgt Ion:	128	Resp:	20990
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.4	14.2
127	11.0	10.3	15.5





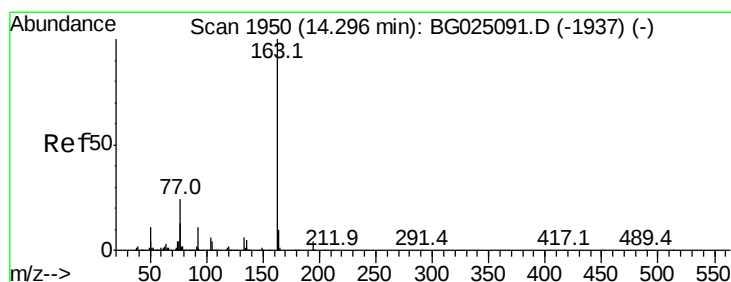
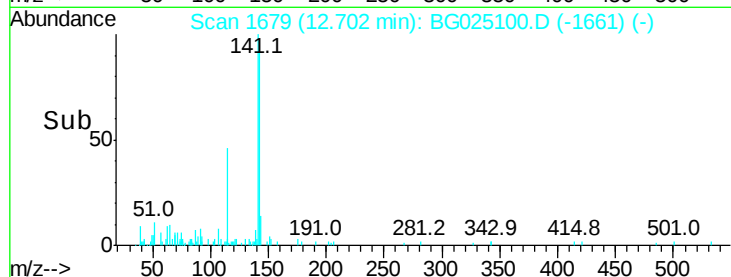
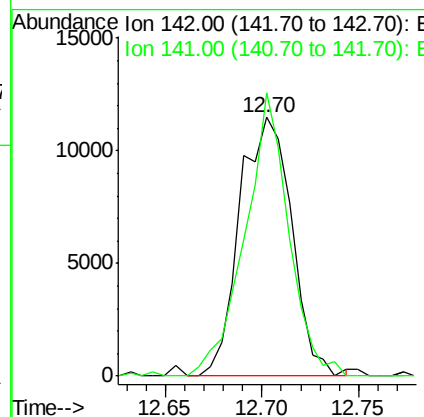
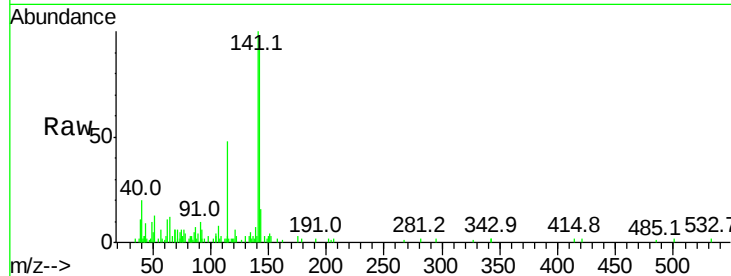
#34
2-Methylnaphthalene
Concen: 1.36 ng/ul m
RT: 12.70 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BG025100.D
Acq: 11 Dec 2016 12:16

Instrument :
BNA_G
ClientSampleId :
DA806

Tot Ion:142 Resp: 21296
Ion Ratio Lower Upper
142 100
141 109.3 68.6 102.8#

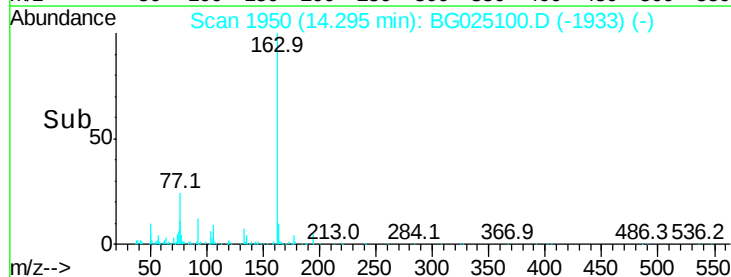
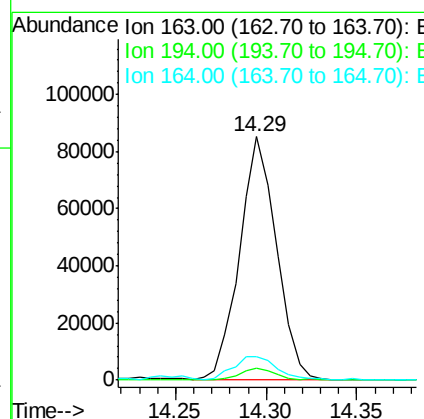
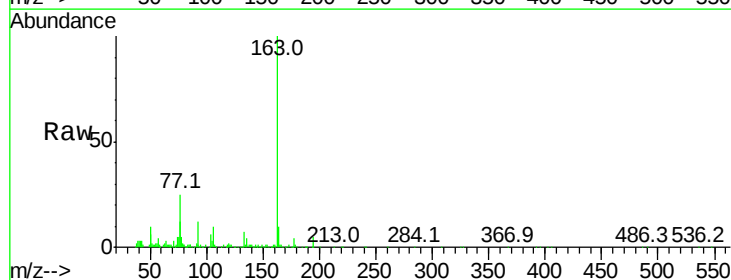
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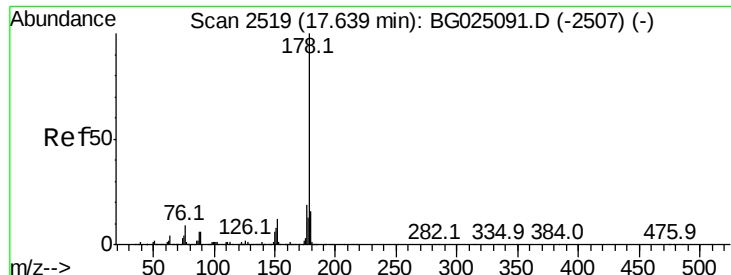
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#44
Dimethylphthalate
Concen: 5.25 ng/ul
RT: 14.29 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025100.D
Acq: 11 Dec 2016 12:16

Tgt Ion:163 Resp: 121032
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.0#
164 9.9 9.0 13.4





#69

Phenanthrene

Concen: 2.86 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Instrument :

BNA_G

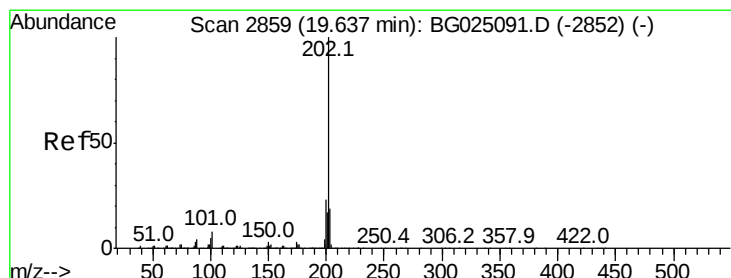
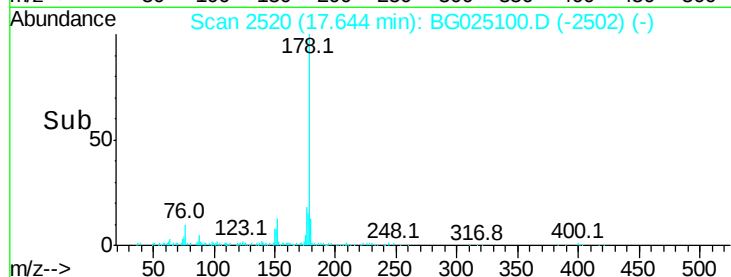
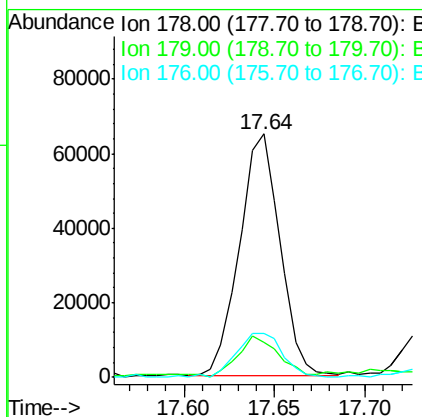
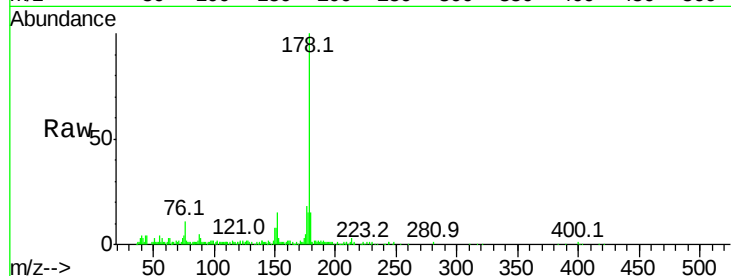
ClientSampleId :

DA806

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.4	18.6
176	18.3	16.5	24.7

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#74

Fluoranthene

Concen: 5.51 ng/ul

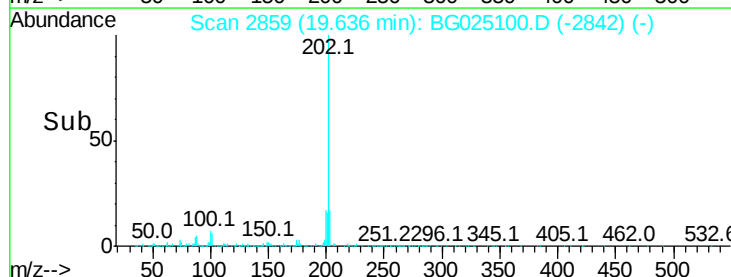
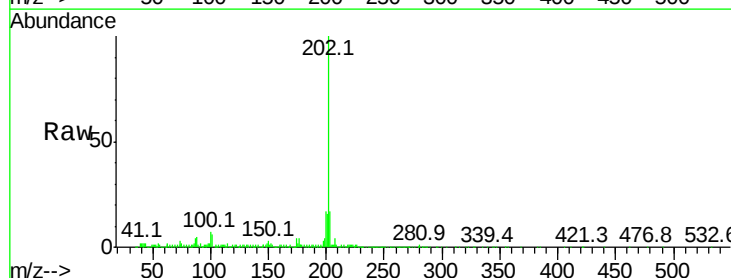
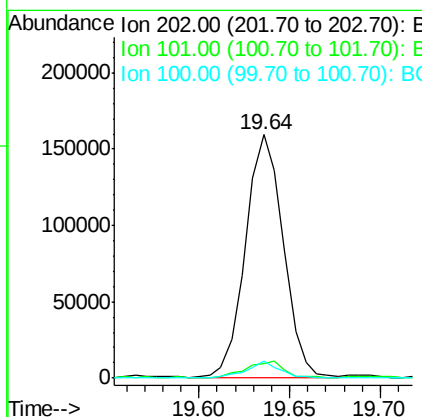
RT: 19.64 min Scan# 2859

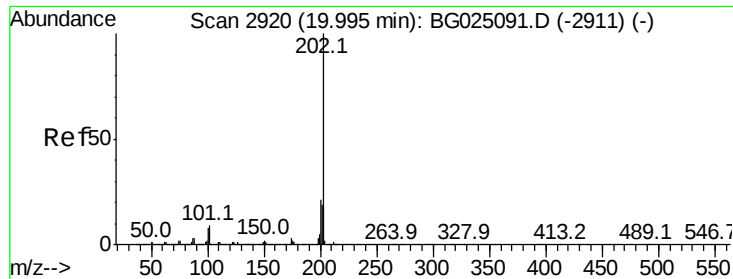
Delta R.T. -0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.0	6.2	9.2#
100	6.9	5.2	7.8





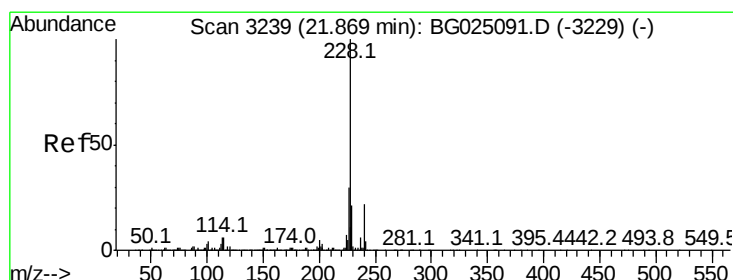
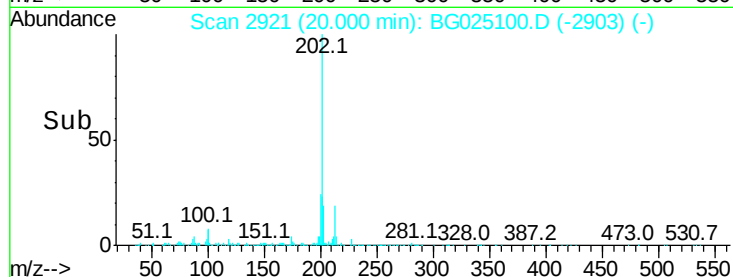
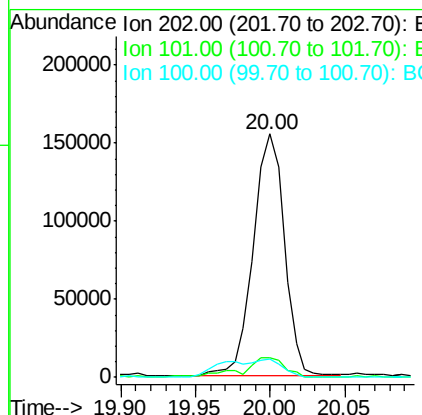
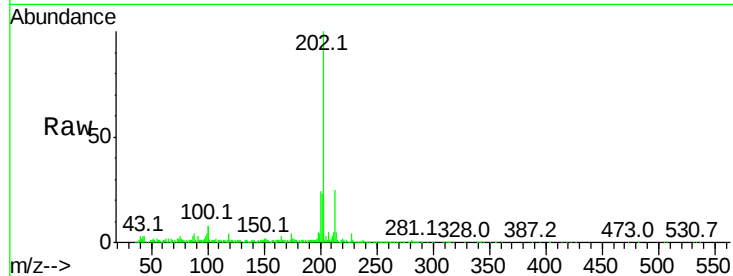
#77
Pvrene
Concen: 5.37 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. 0.00 min
Lab File: BG025100.D
Acq: 11 Dec 2016 12:16

Instrument :
BNA_G
ClientSampleId :
DA806

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.9	6.9	10.3
100	7.8	6.6	10.0

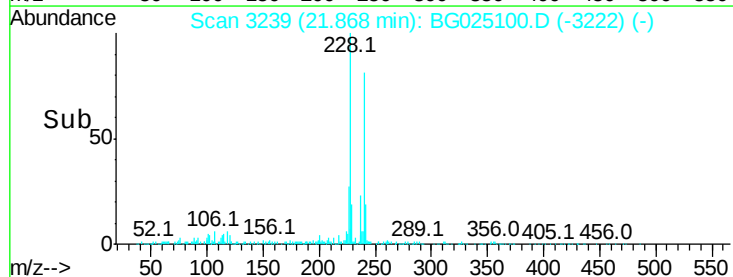
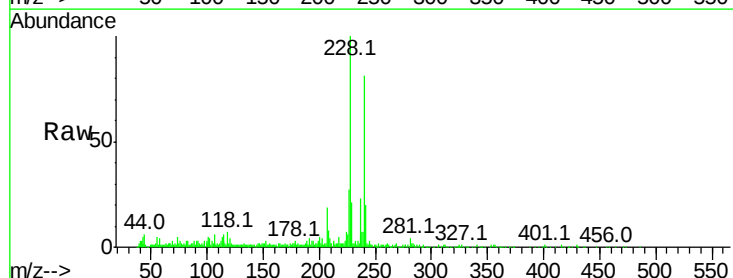
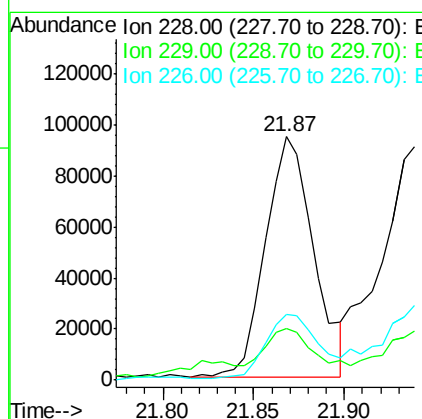
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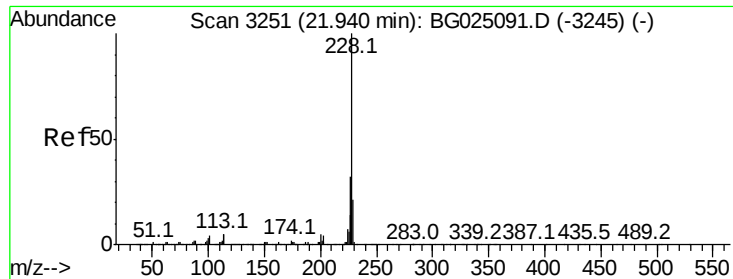
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#80
Benzo(a)anthracene
Concen: 3.91 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BG025100.D
Acq: 11 Dec 2016 12:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	16.3	24.5
226	27.1	21.9	32.9





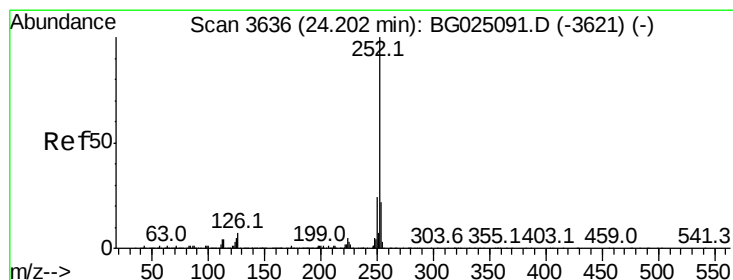
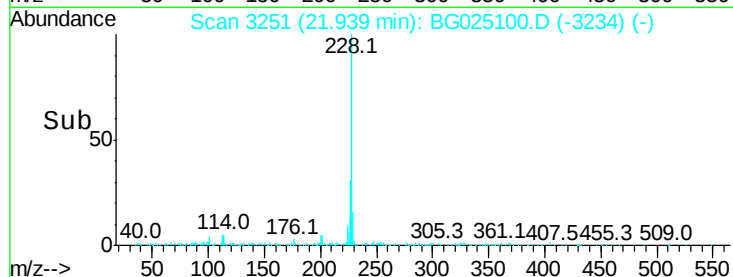
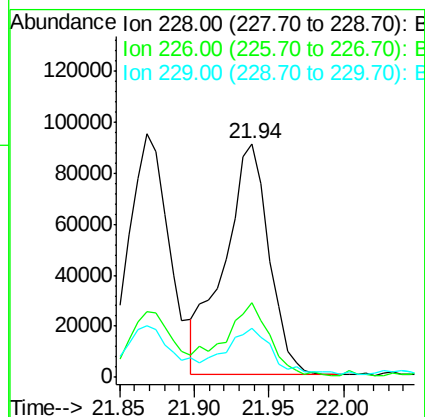
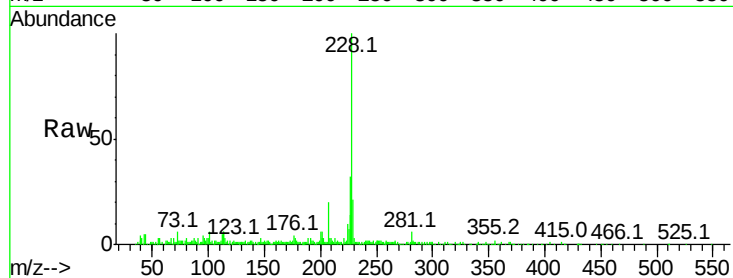
#82
Chrysene
Concen: 4.47 ng/ul
RT: 21.94 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BG025100.D
Acq: 11 Dec 2016 12:16

Instrument :
BNA_G
ClientSampleId :
DA806

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	21.2	16.9	25.3

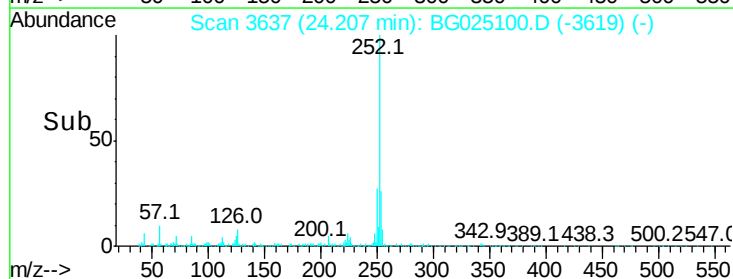
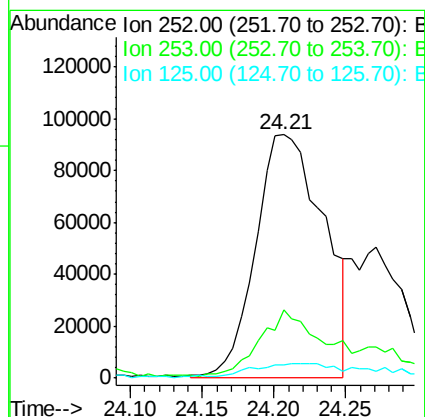
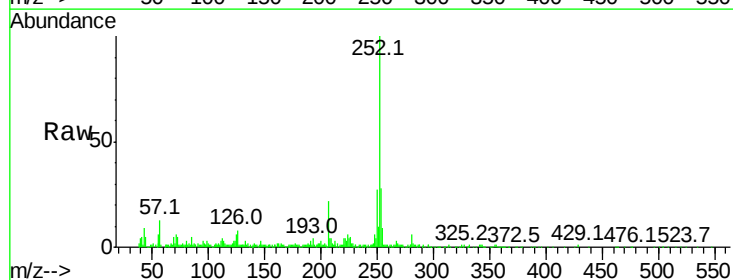
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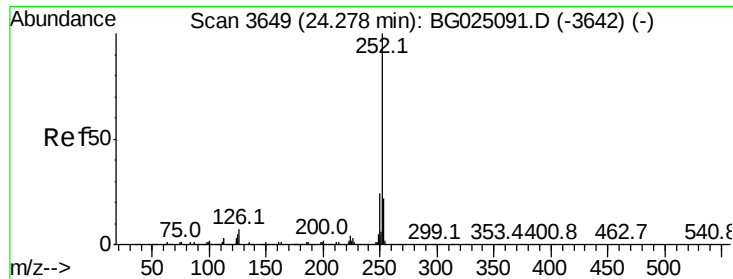
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#85
Benzo(b)fluoranthene
Concen: 7.24 ng/ul m
RT: 24.21 min Scan# 3637
Delta R.T. 0.00 min
Lab File: BG025100.D
Acq: 11 Dec 2016 12:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.7	26.5#
125	5.6	4.0	6.0





#86

Benzo(k)fluoranthene

Concen: 2.25 ng/ul

RT: 24.27 min Scan# 3648

Delta R.T. -0.01 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Instrument :

BNA_G

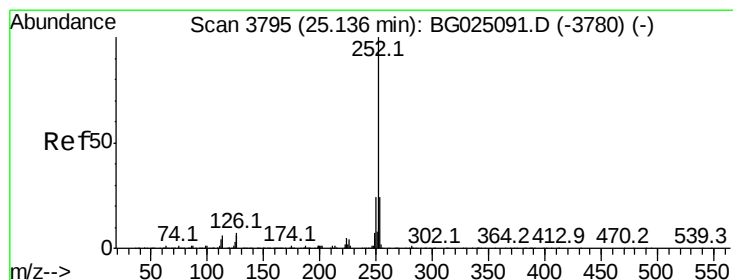
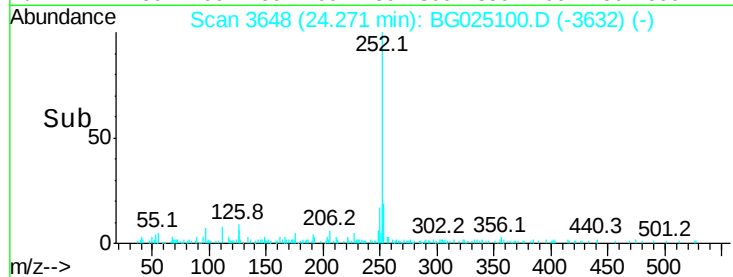
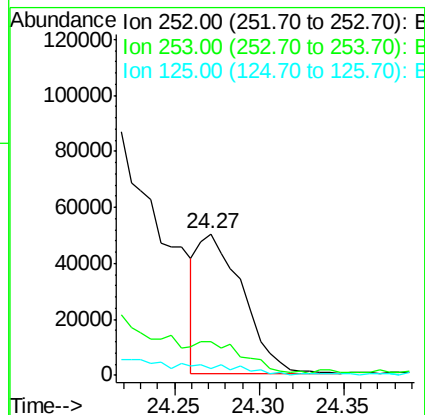
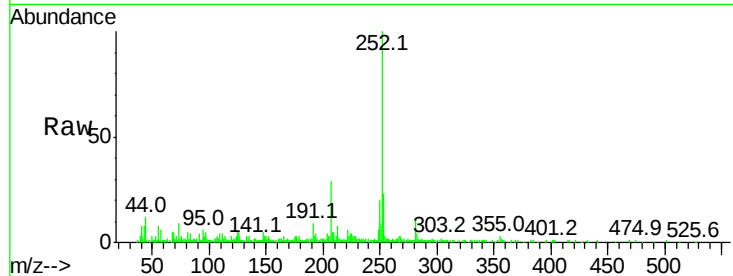
ClientSampleId :

DA806

Tot Ion:	252	Resp:	91424
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.5	27.7
125	5.0	4.1	6.1

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#88

Benzo(a)pyrene

Concen: 4.24 ng/ul

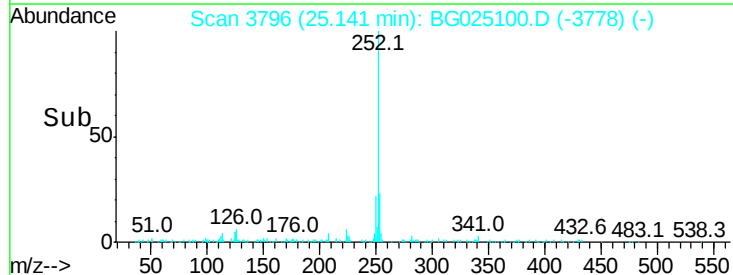
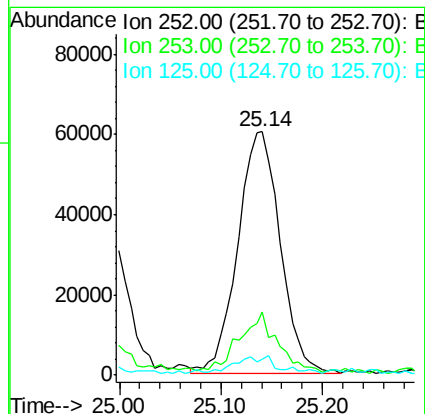
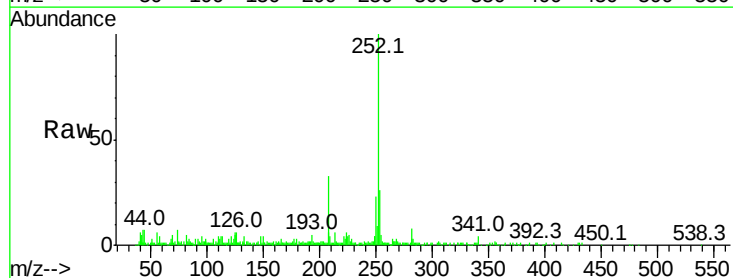
RT: 25.14 min Scan# 3796

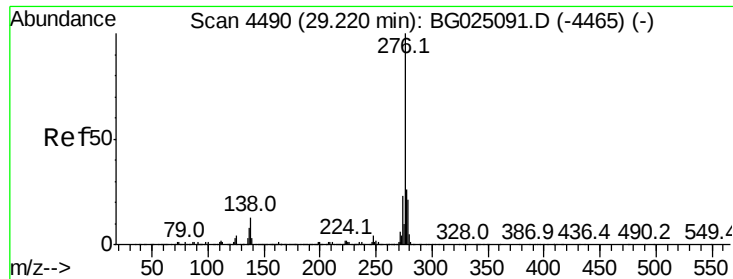
Delta R.T. 0.00 min

Lab File: BG025100.D

Acq: 11 Dec 2016 12:16

Tgt Ion:	252	Resp:	174342
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.8	26.6
125	6.5	5.4	8.0





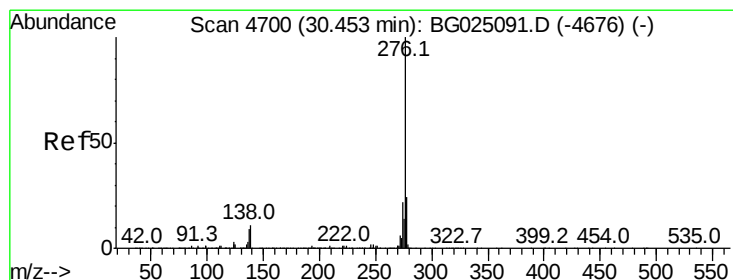
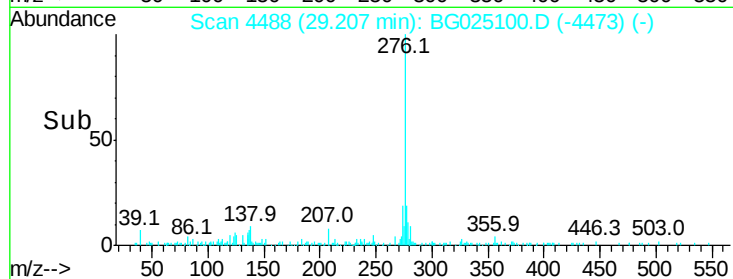
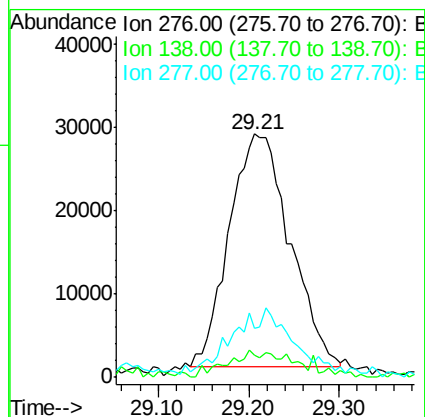
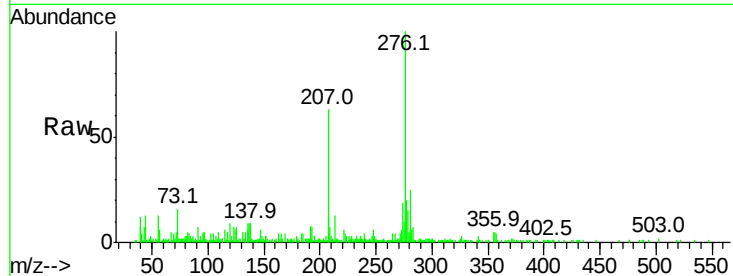
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.53 ng/ul
 RT: 29.21 min Scan# 4488
 Delta R.T. -0.01 min
 Lab File: BG025100.D
 Acq: 11 Dec 2016 12:16

Instrument :
 BNA_G
 ClientSampleId :
 DA806

Tot Ion	Ratio	Resp	Lower	Upper
276	100	129409		
138	9.0	8.2	12.4	
277	20.1	18.6	28.0	

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#91
 Benzo(g,h,i)perylene
 Concen: 2.68 ng/ul m
 RT: 30.45 min Scan# 4700
 Delta R.T. -0.00 min
 Lab File: BG025100.D
 Acq: 11 Dec 2016 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	114070		
138	13.3	8.6	12.8#	
277	24.7	17.6	26.4	

