

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029250.D
 Acq On : 15 Oct 2017 8:54
 Operator : SJ/JU
 Sample : I5593-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0C73

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:43:54 PM

Quant Time: Oct 16 09:04:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 07:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	120140	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	520575	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	311693	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	662879	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	606239	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	606813	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9909	3.35	ng/uL	0.00
5) Phenol-d5	7.32	99	166302	14.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	137450	19.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	143933	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	82000	8.80	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	84813	22.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	90743	23.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	147298	16.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	113098	11.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	510276	19.15	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	639417	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	46770	9.51	ng/ul	0.00
57) Fluorene-d10	15.78	176	436381	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	45014	13.91	ng/ul	0.00
70) Anthracene-d10	17.63	188	615610	19.64	ng/ul	0.00
76) Pyrene-d10	19.89	212	624171	19.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	540297	18.80	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.35	94	45232	3.791	ng/ul#	85
44) Dimethylphthalate	14.23	163	176565	6.793	ng/ul	99
69) Phenanthrene	17.57	178	453843	12.665	ng/ul	98
74) Fluoranthene	19.57	202	488912	12.208	ng/ul#	91
77) Pyrene	19.92	202	695553	17.119	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	227928	5.999	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.68	149	25836	1.082	ng/ul#	99
82) Chrysene	21.85	228	345093	9.997	ng/ul	94
85) Benzo(b)fluoranthene	24.06	252	283227	7.775	ng/ul#	95
86) Benzo(k)fluoranthene	24.13	252	64384m	1.828	ng/ul	
88) Benzo(a)pyrene	24.96	252	207192	5.843	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	28.89	276	124834	3.112	ng/ul#	89
90) Dibenzo(a,h)anthracene	28.94	278	39397	1.182	ng/ul#	86
91) Benzo(g,h,i)perylene	30.09	276	115291	3.467	ng/ul#	85

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

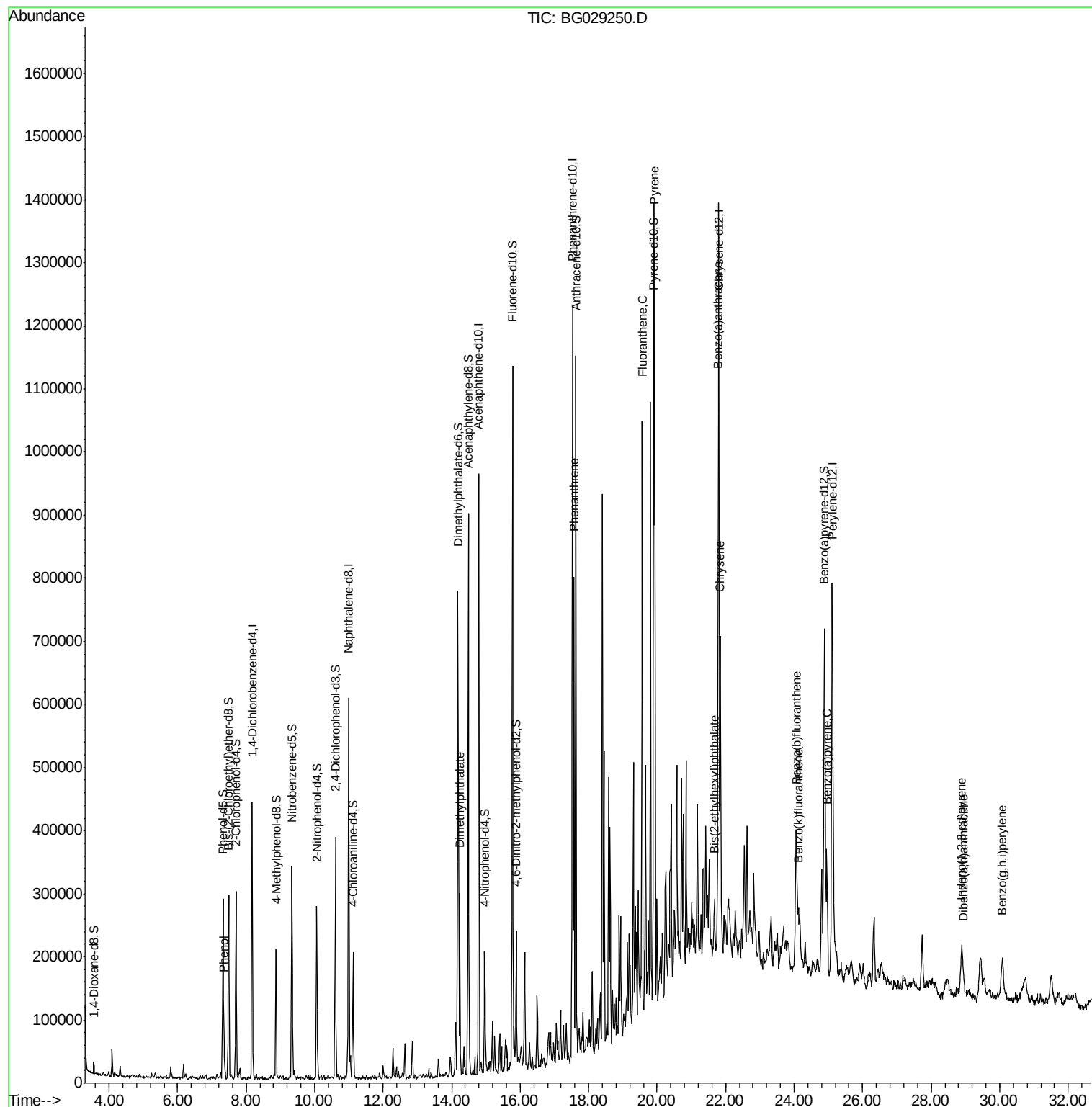
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029250.D
Acq On : 15 Oct 2017 8:54
Operator : SJ/JU
Sample : I5593-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

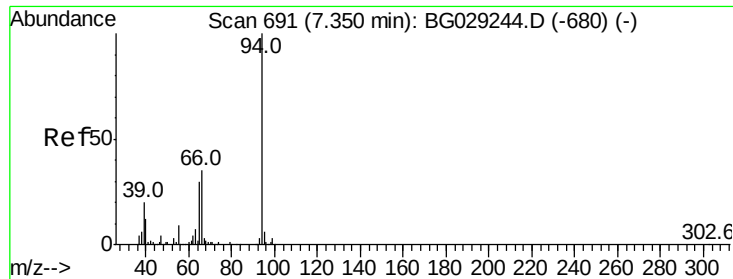
Instrument :
BNA_G
ClientSampleId :
B0C73

Manual Integrations
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10/16/2017 7:43:54 PM

Quant Time: Oct 16 09:04:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 07:39:50 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.791 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

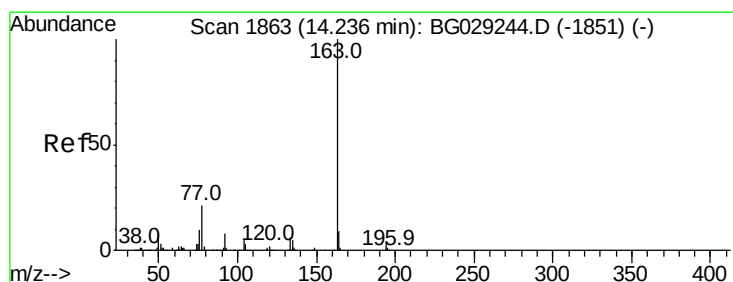
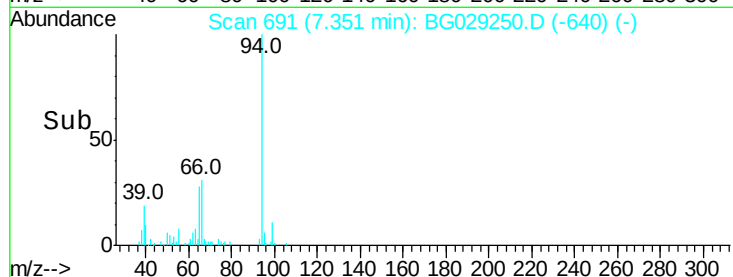
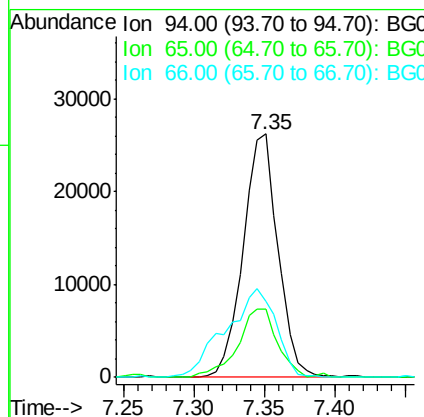
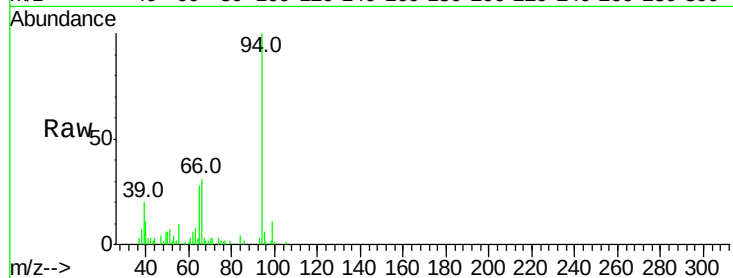
ClientSampleId :

B0C73

Tot Ion:	94	Resp:	45232
Ion Ratio	Lower	Upper	
94	100		
65	28.1	27.1	40.7
66	31.1	34.6	52.0#

Manual Integrations
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#44

Dimethylphthalate

Concen: 6.793 ng/ul

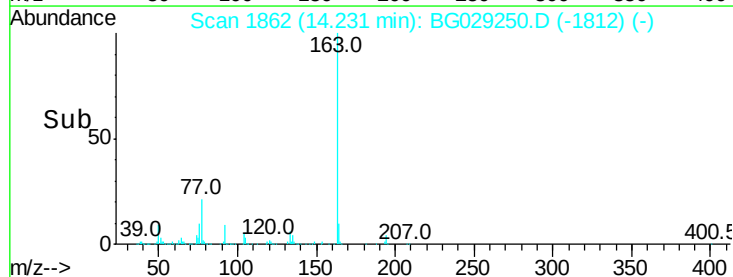
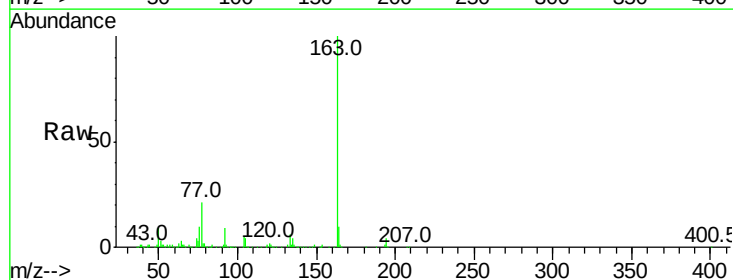
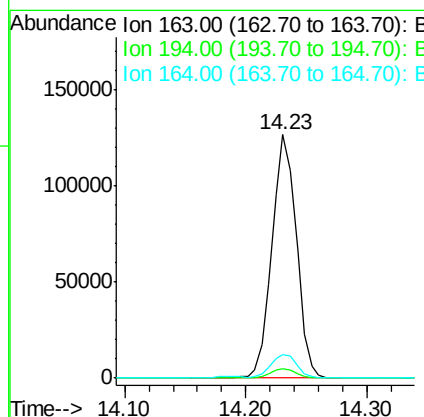
RT: 14.23 min Scan# 1862

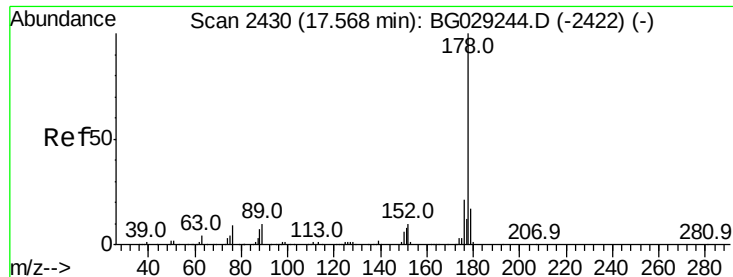
Delta R.T. -0.01 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Tgt Ion:	163	Resp:	176565
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.5	5.3
164	9.8	7.6	11.4





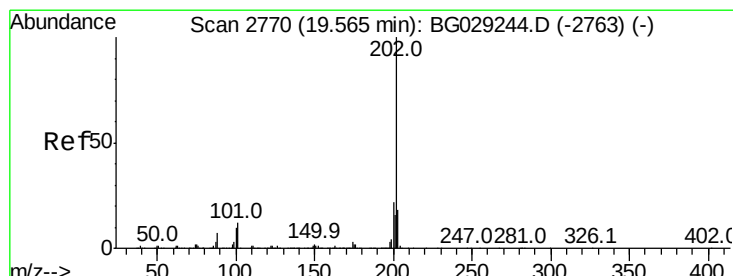
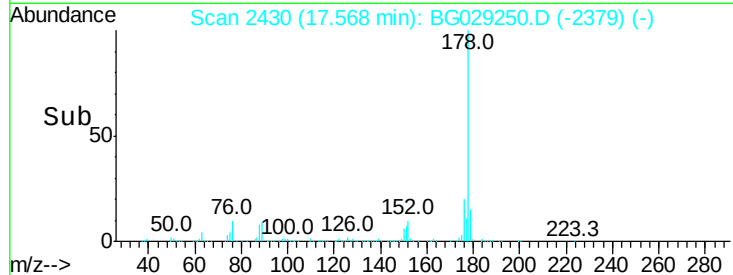
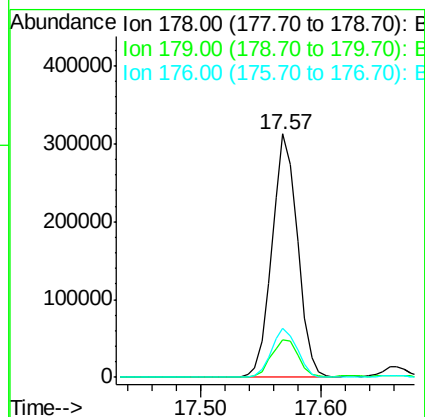
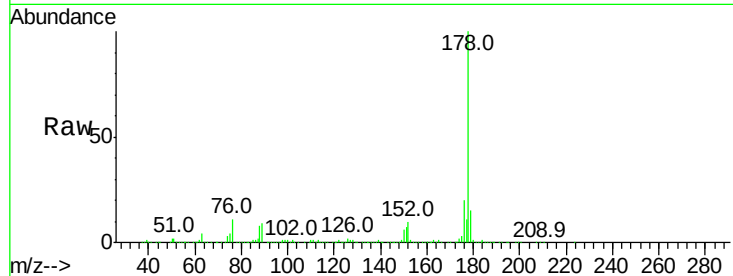
#69
Phenanthrene
Concen: 12.665 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG029250.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_G
ClientSampleId :
B0C73

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.6
176	20.0	15.3	22.9

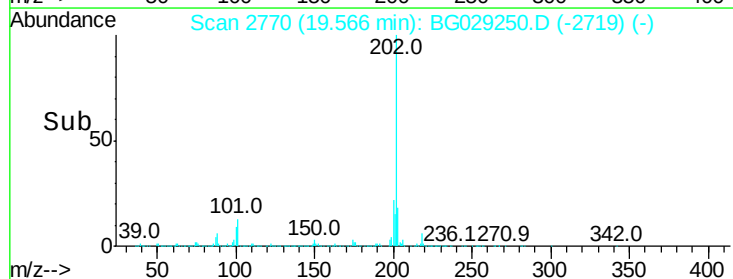
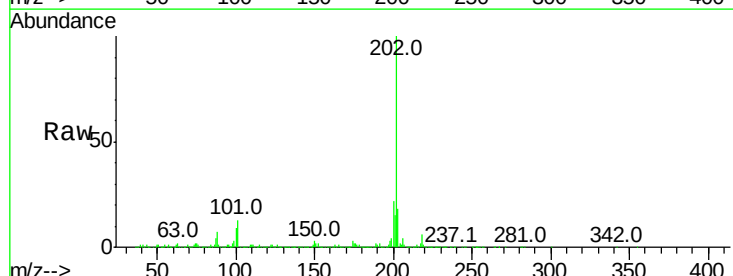
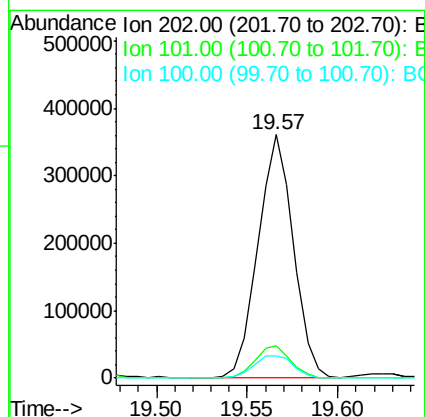
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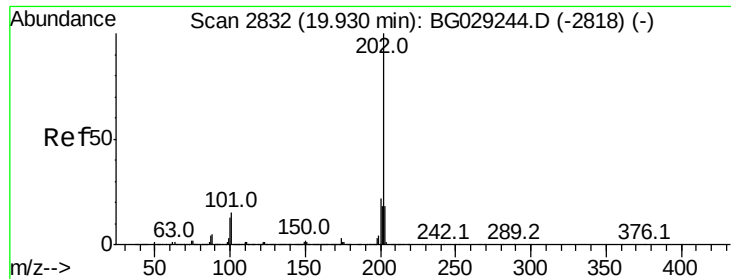
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#74
Fluoranthene
Concen: 12.208 ng/ul
RT: 19.57 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG029250.D
Acq: 15 Oct 2017 8:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	7.4	11.2#
100	9.2	5.6	8.4#





#77

Pvrene

Concen: 17.119 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

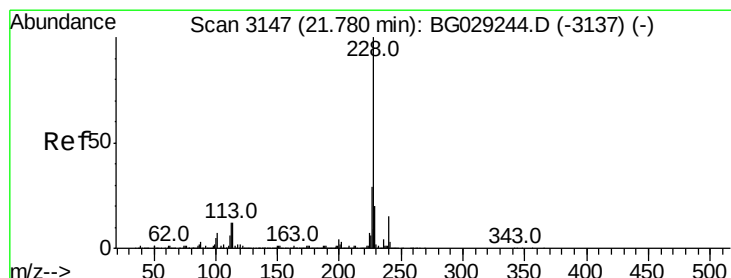
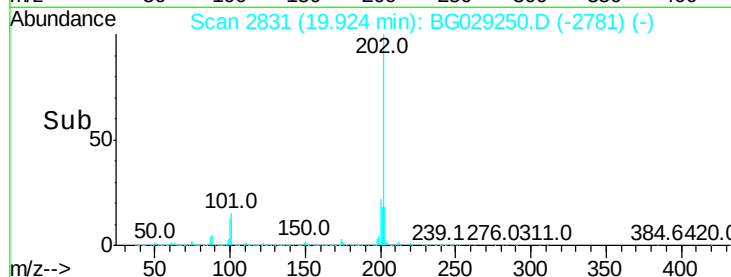
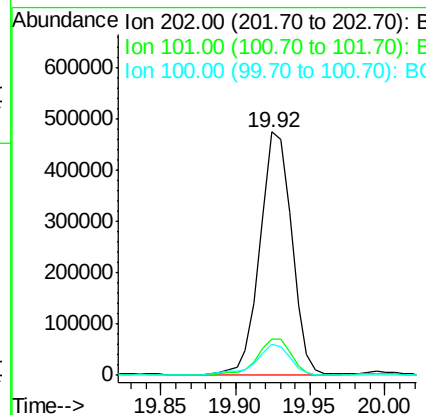
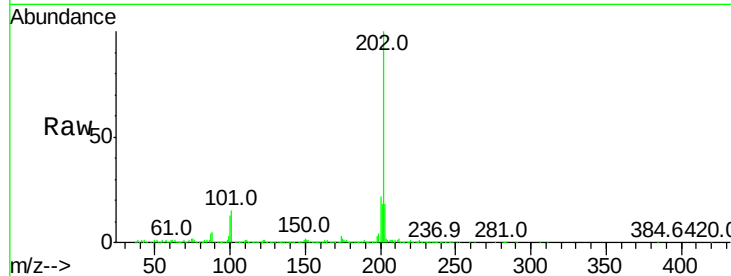
ClientSampleId :

B0C73

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	8.4	12.6#
100	12.8	7.0	10.6#

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#80

Benzo(a)anthracene

Concen: 5.999 ng/ul

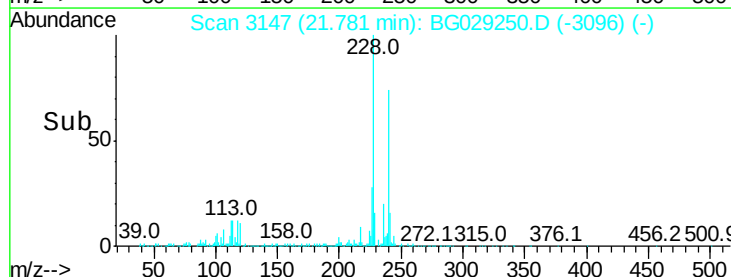
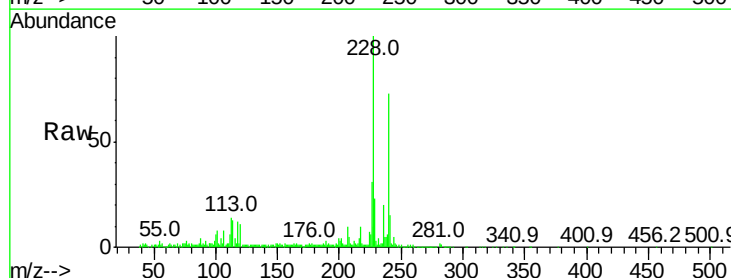
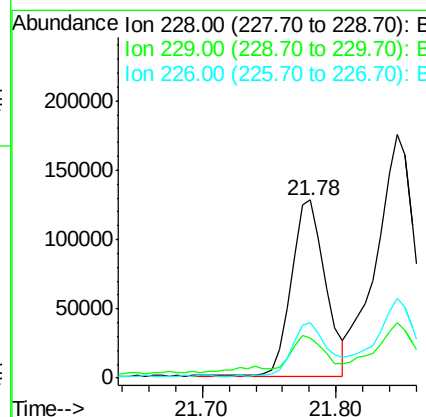
RT: 21.78 min Scan# 3147

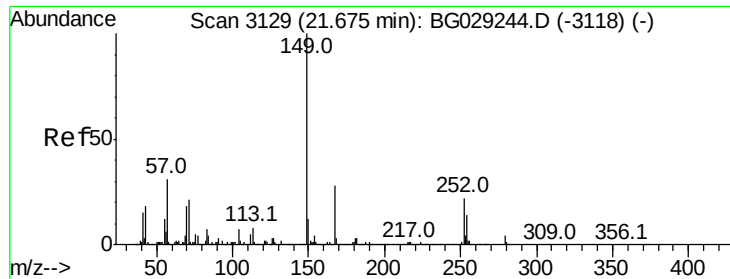
Delta R.T. 0.00 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.5	16.2	24.4
226	31.1	22.2	33.2





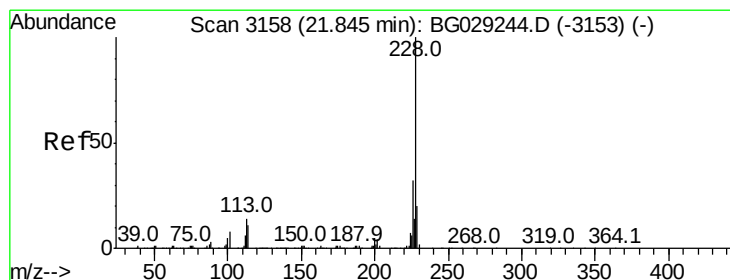
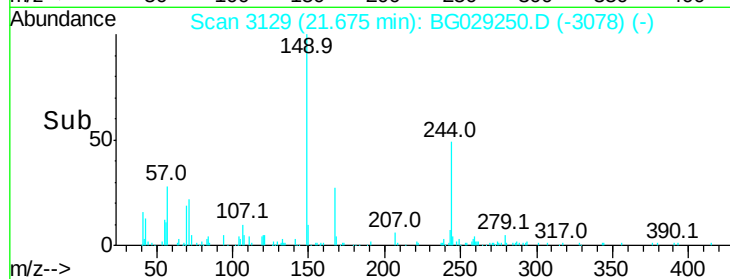
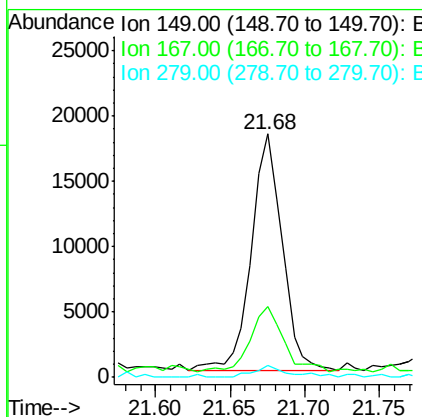
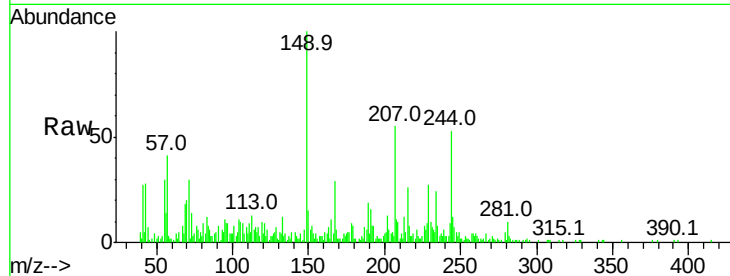
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.082 ng/ul
 RT: 21.68 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG029250.D
 Acq: 15 Oct 2017 8:54

Instrument :
 BNA_G
 ClientSampled :
 B0C73

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.2	34.8
279	4.9	3.1	4.7

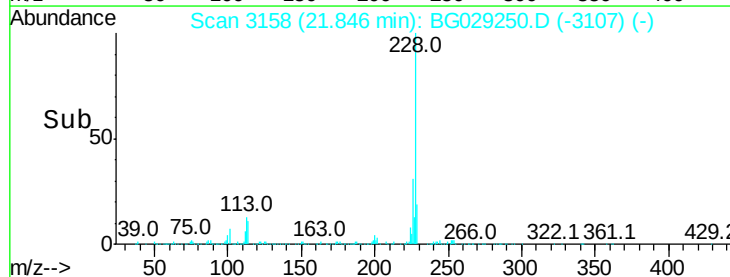
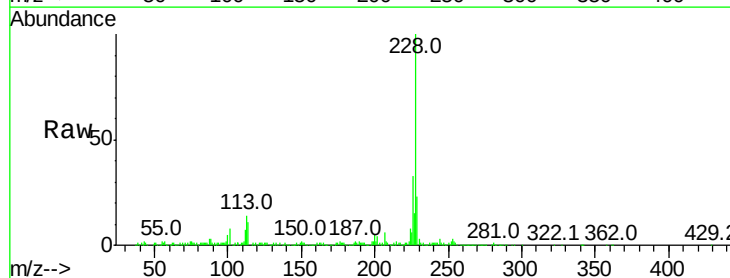
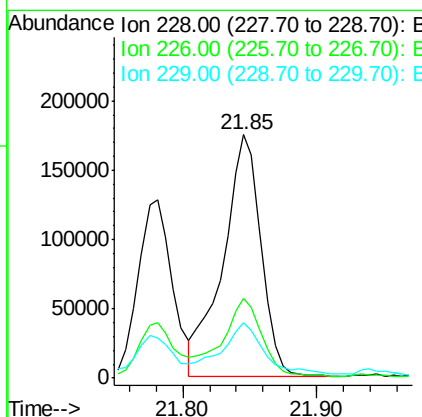
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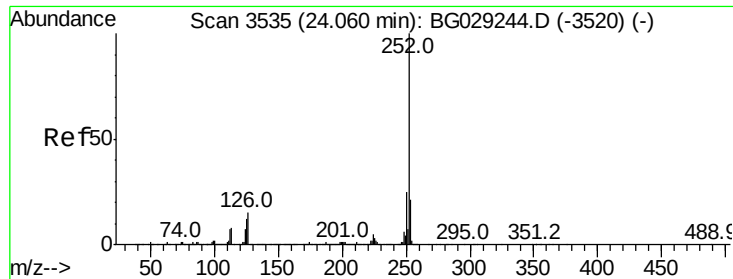
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#82
 Chrysene
 Concen: 9.997 ng/ul
 RT: 21.85 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: BG029250.D
 Acq: 15 Oct 2017 8:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.2	36.2
229	22.7	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 7.775 ng/ul

RT: 24.06 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

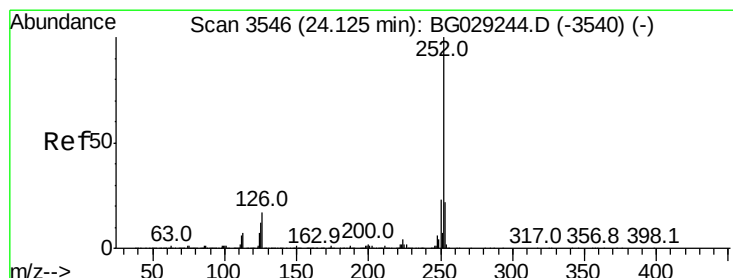
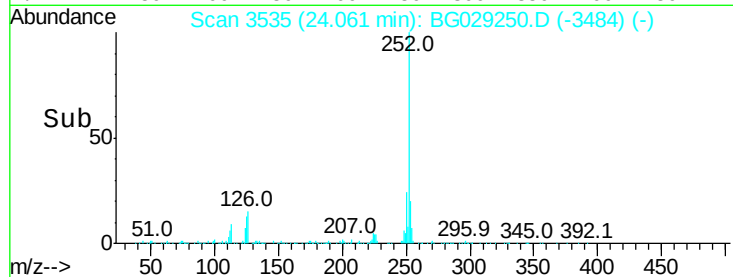
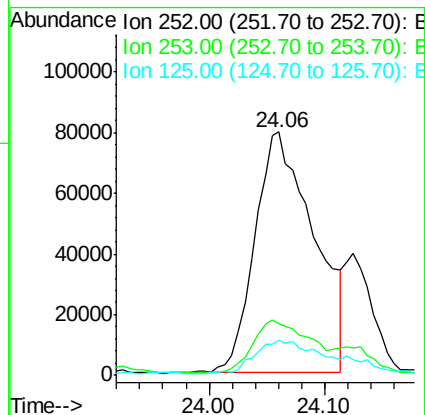
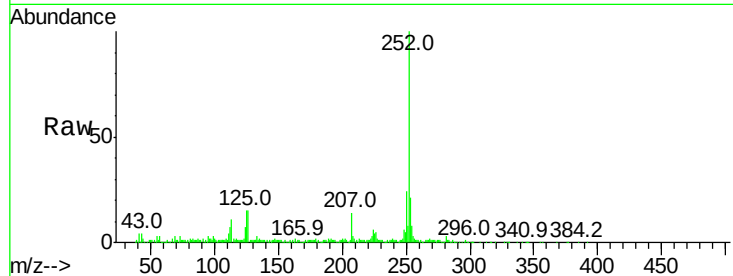
ClientSampleId :

B0C73

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.4
125	14.5	7.5	11.3#

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#86

Benzo(k)fluoranthene

Concen: 1.828 ng/ul m

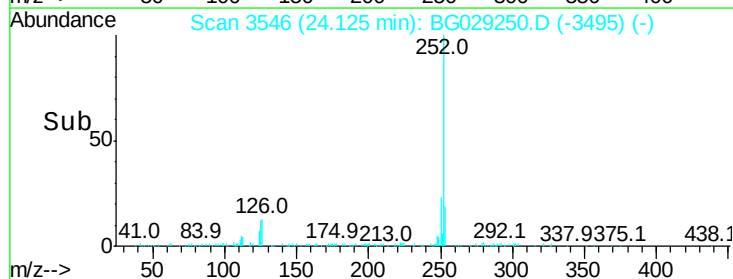
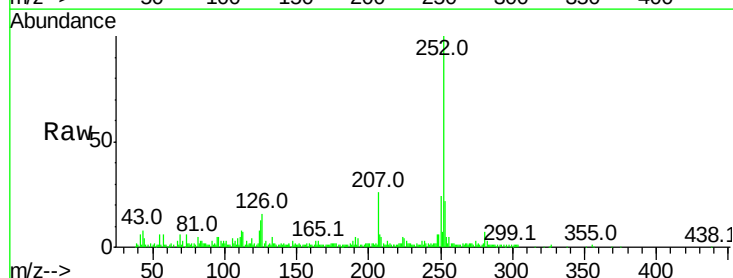
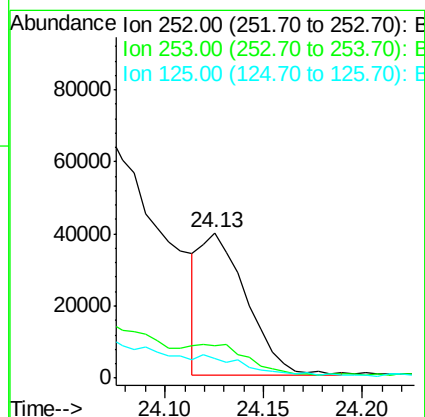
RT: 24.13 min Scan# 3546

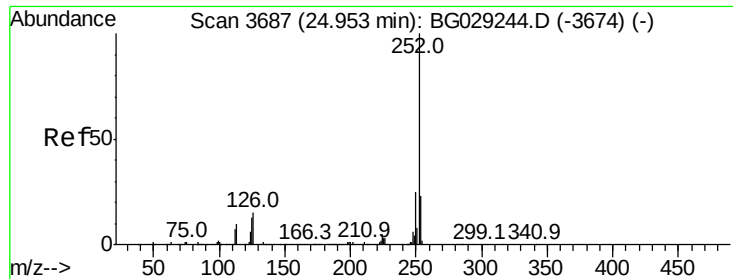
Delta R.T. 0.00 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	13.2	7.8	11.8#





#88

Benzo(a)pyrene

Concen: 5.843 ng/ul

RT: 24.96 min Scan# 3688

Delta R.T. 0.01 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_G

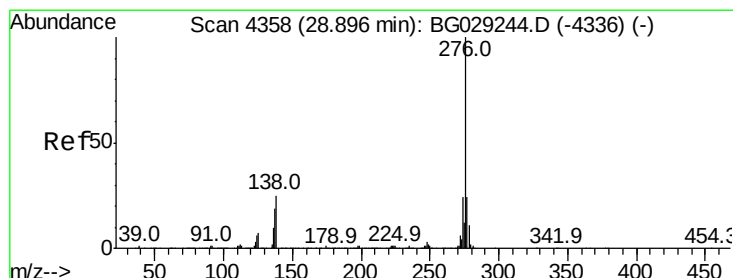
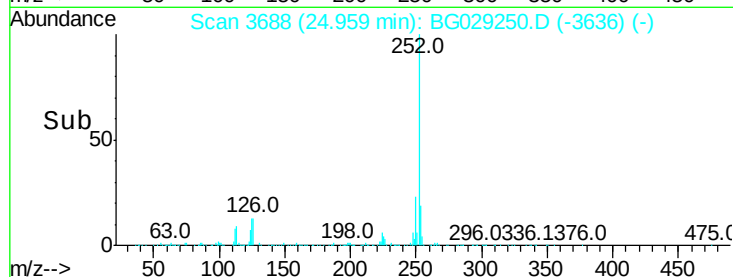
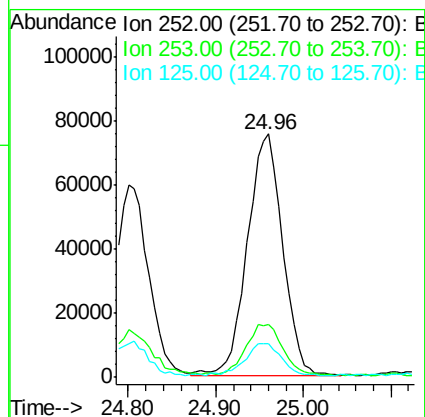
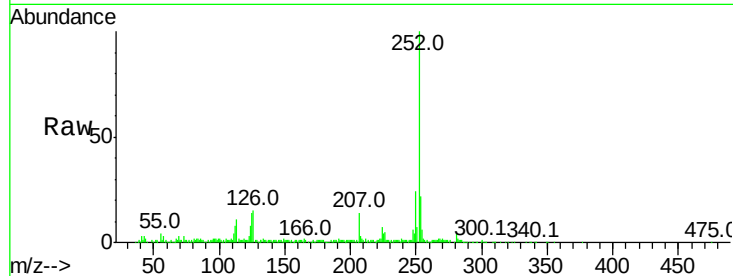
ClientSampled :

B0C73

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.0	7.8	11.8#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.112 ng/ul

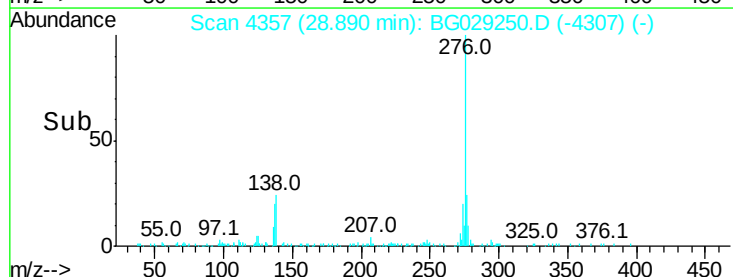
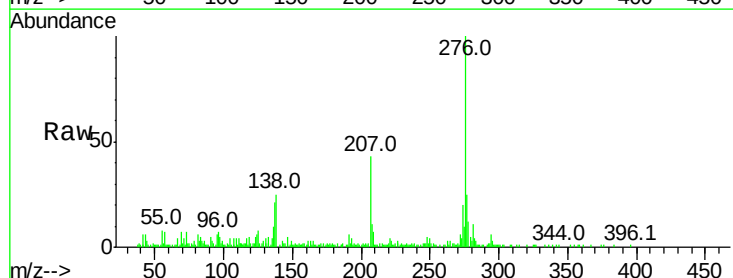
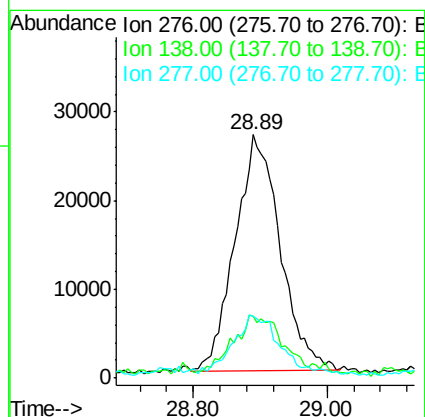
RT: 28.89 min Scan# 4357

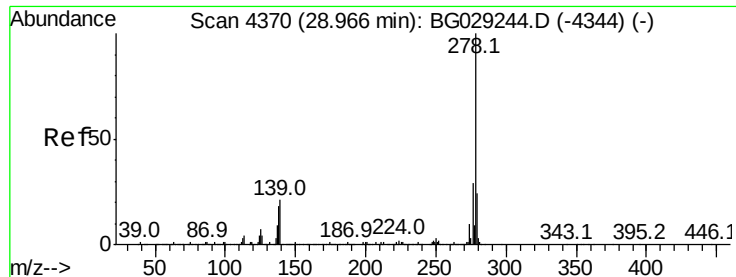
Delta R.T. -0.01 min

Lab File: BG029250.D

Acq: 15 Oct 2017 8:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	13.4	20.0#
277	25.2	18.6	28.0





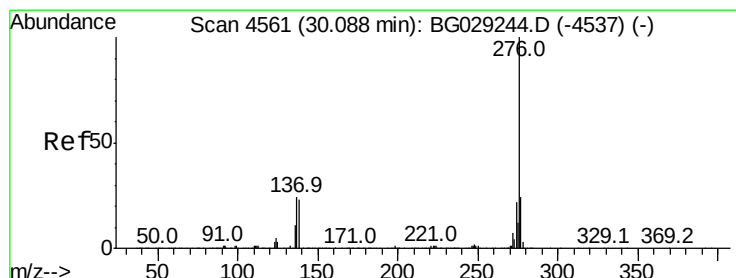
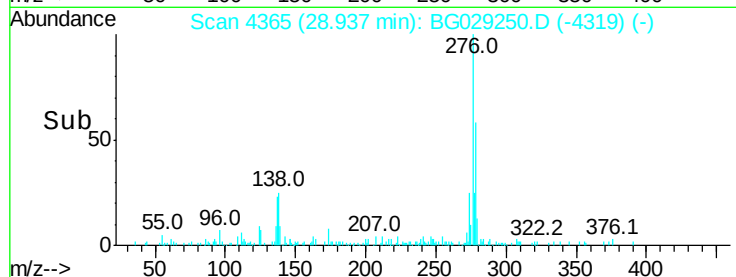
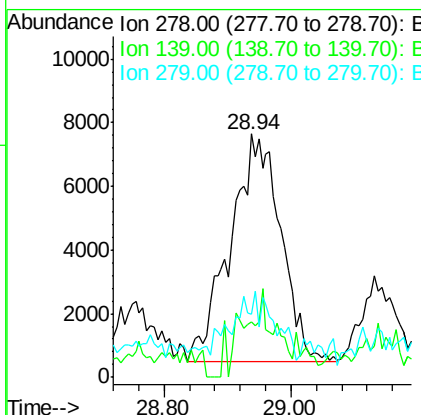
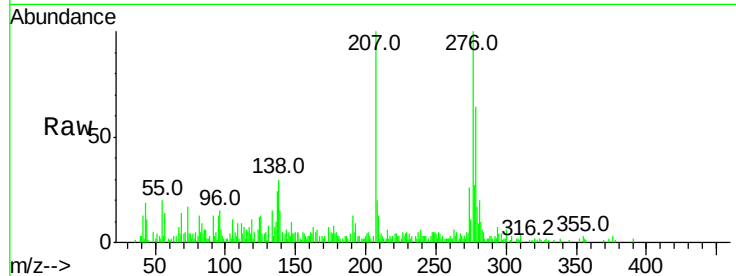
#90
Dibenzo(a,h)anthracene
Concen: 1.182 ng/ul
RT: 28.94 min Scan# 4365
Delta R.T. -0.03 min
Lab File: BG029250.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_G
ClientSampled :
B0C73

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.7	9.4	14.2#
279	26.0	18.4	27.6

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#91
Benzo(g,h,i)perylene
Concen: 3.467 ng/ul
RT: 30.09 min Scan# 4561
Delta R.T. 0.00 min
Lab File: BG029250.D
Acq: 15 Oct 2017 8:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	12.1	18.1#
277	20.3	17.7	26.5

