

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025238.D
 Acq On : 16 Dec 2016 8:23
 Operator : UM/SJ
 Sample : H5860-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8E0

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:21:29 PM

Quant Time: Dec 16 13:12:03 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	8.23	152	83969	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	353630	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	265443	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	527867	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	621672	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	605547	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	5231	3.22	ng/uL	0.00
5) Phenol-d5	7.39	99	148537	20.50	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	100777	22.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	104291	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	133782	22.10	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	57800	23.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	69925	22.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	135965	22.65	ng/ul	0.01
29) 4-Chloroaniline-d4	11.21	131	56902	9.64	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	447864	24.53	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	491468	24.57	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	56945	18.15	ng/ul	0.01
57) Fluorene-d10	15.84	176	399210	23.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	72491	22.21	ng/ul	0.00
70) Anthracene-d10	17.71	188	547354	24.57	ng/ul	0.00
76) Pyrene-d10	19.97	212	625392	24.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	618682	25.22	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.43	94	23811	3.20	ng/ul#	87
44) Dimethylphthalate	14.30	163	96998	5.41	ng/ul#	93
49) Acenaphthene	14.92	153	14814	1.11	ng/ul#	83
58) Fluorene	15.90	166	22509	1.31	ng/ul	97
69) Phenanthrene	17.65	178	1009446	40.07	ng/ul	97
71) Anthracene	17.73	178	76992	2.97	ng/ul#	92
72) Carbazole	18.01	167	178010	8.24	ng/ul	97
74) Fluoranthene	19.64	202	2999194	100.18	ng/ul#	96
77) Pvrene	20.01	202	2465661	82.51	ng/ul	99
80) Benzo(a)anthracene	21.88	228	1191378	36.89	ng/ul	97
82) Chrysene	21.95	228	1700737	56.29	ng/ul	96
85) Benzo(b)fluoranthene	24.24	252	2196659	73.16	ng/ul	96
86) Benzo(k)fluoranthene	24.30	252	822762m	28.82	ng/ul	
88) Benzo(a)pyrene	25.17	252	1071060	37.10	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.27	276	805245m	22.44	ng/ul	
90) Dibenzo(a,h)anthracene	29.31	278	193620m	6.40	ng/ul	
91) Benzo(q,h,i)perylene	30.51	276	650951m	21.74	ng/ul	

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

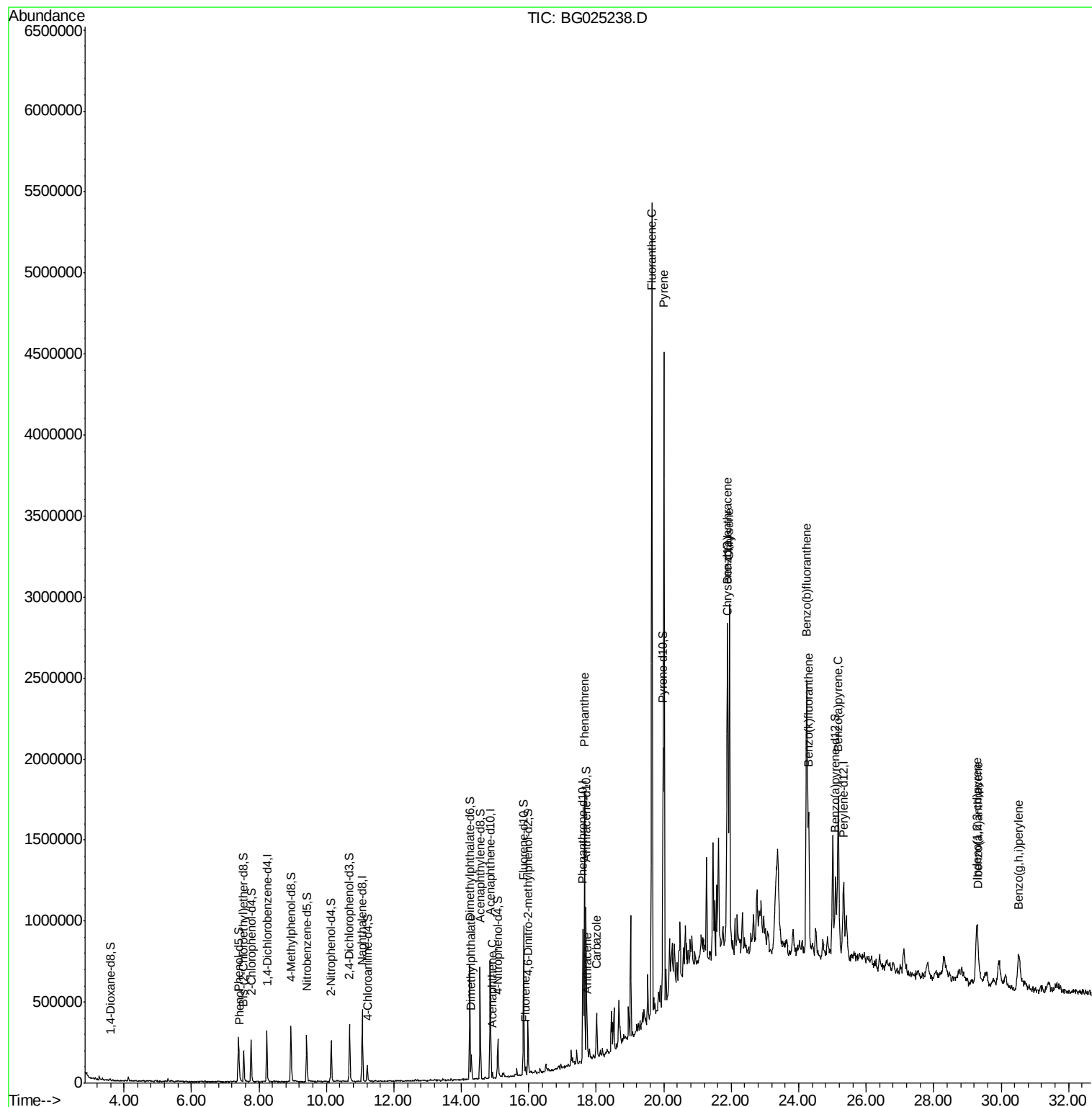
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025238.D
Acq On : 16 Dec 2016 8:23
Operator : UM/SJ
Sample : H5860-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

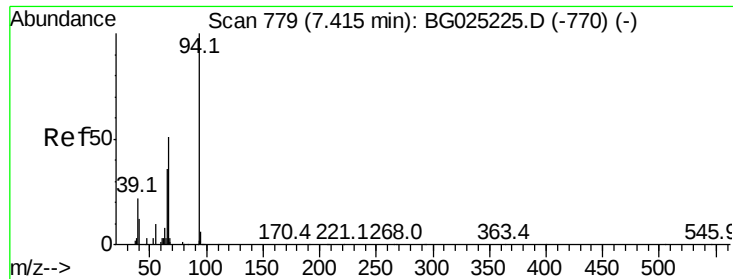
Instrument :
BNA_G
ClientSampleId :
DA8E0

Manual Integrations
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Quant Time: Dec 16 13:12:03 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: 3.20 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. 0.01 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Instrument :

BNA_G

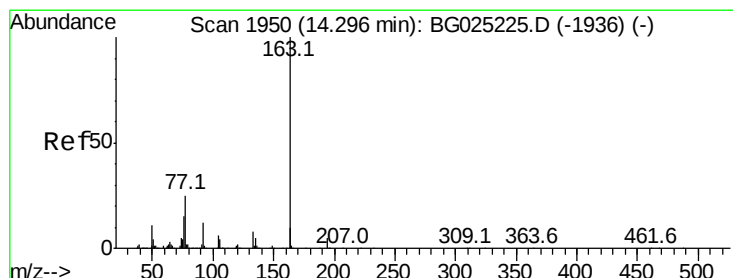
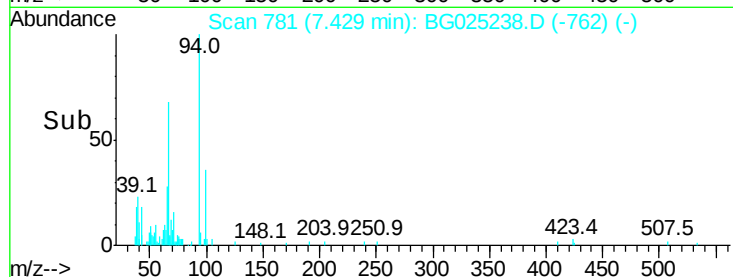
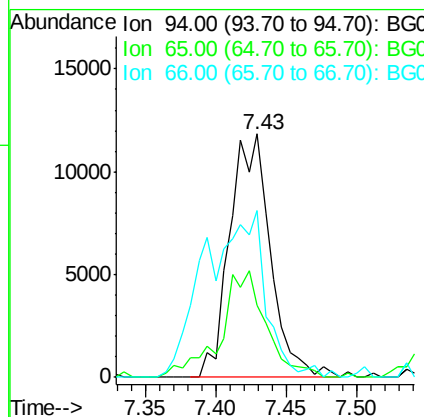
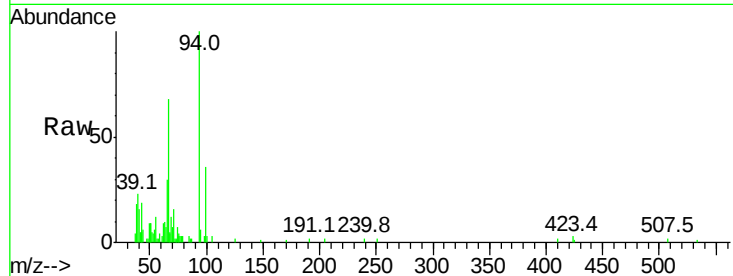
ClientSampleId :

DA8E0

Tot Ion:	94	Resp:	23811
Ion Ratio	Lower	Upper	
94	100		
65	29.9	26.8	40.2
66	68.3	44.4	66.6#

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#44

Dimethylphthalate

Concen: 5.41 ng/ul

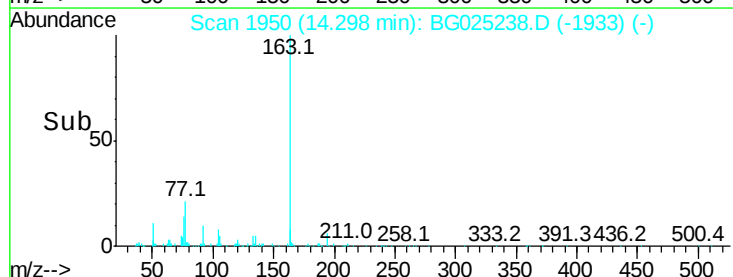
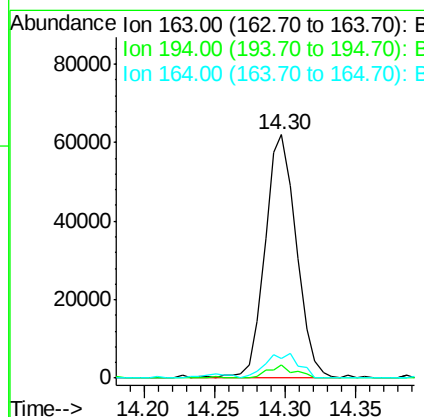
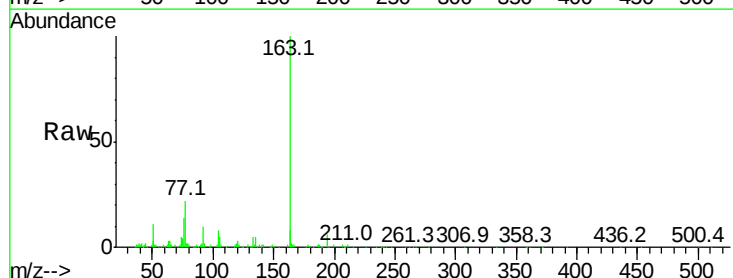
RT: 14.30 min Scan# 1950

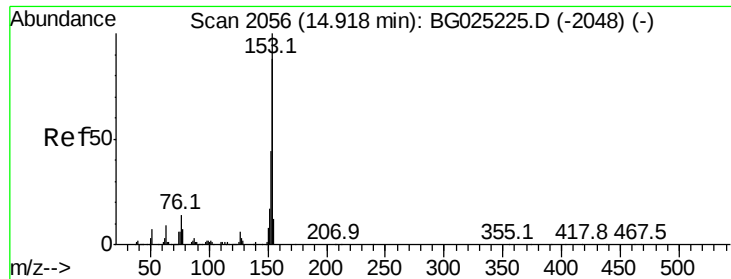
Delta R.T. 0.00 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Tgt Ion:	163	Resp:	96998
Ion Ratio	Lower	Upper	
163	100		
194	5.6	3.4	5.0#
164	7.9	9.0	13.4#





#49

Acenaphthene

Concen: 1.11 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Instrument :

BNA_G

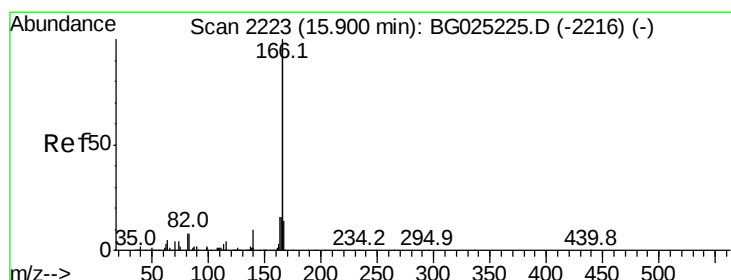
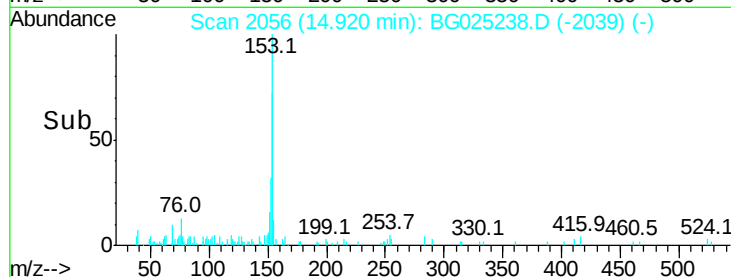
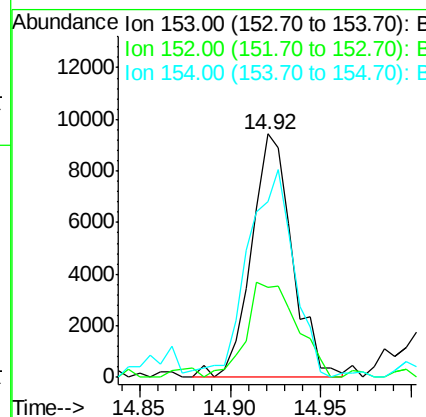
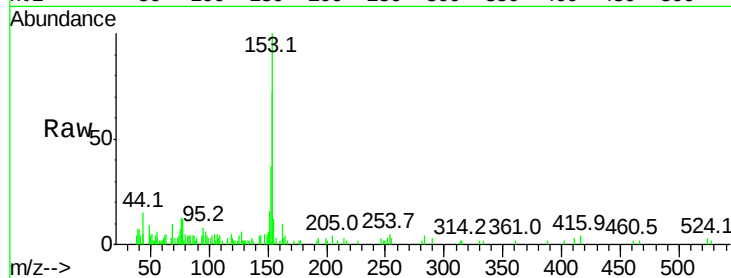
ClientSampleId :

DA8E0

Tot Ion	Ratio	Lower	Upper
153	100		
152	37.0	36.5	54.7
154	72.1	72.3	108.5#

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#58

Fluorene

Concen: 1.31 ng/ul

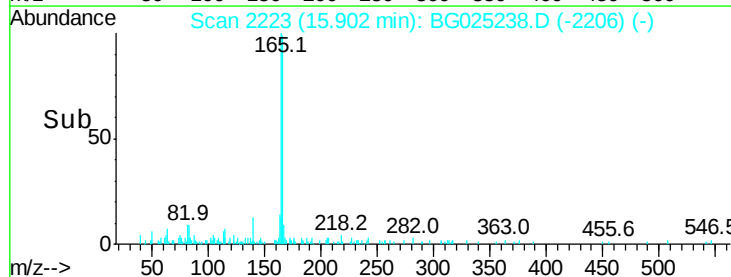
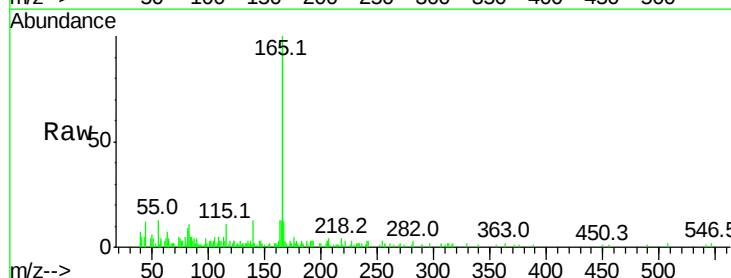
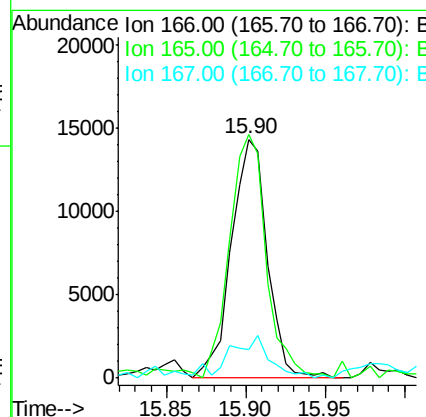
RT: 15.90 min Scan# 2223

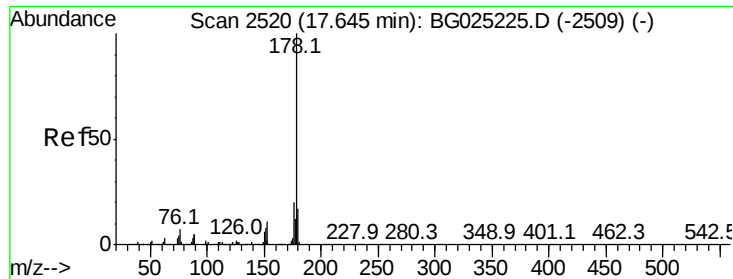
Delta R.T. 0.00 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.7	119.5
167	11.9	11.4	17.2





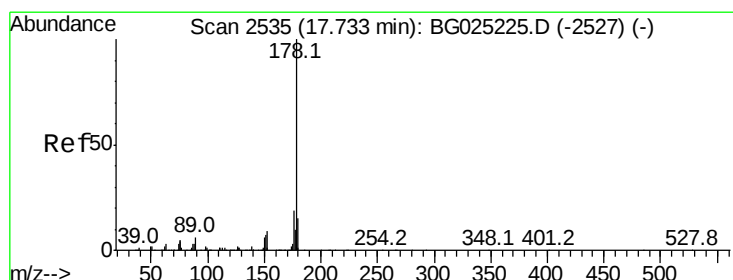
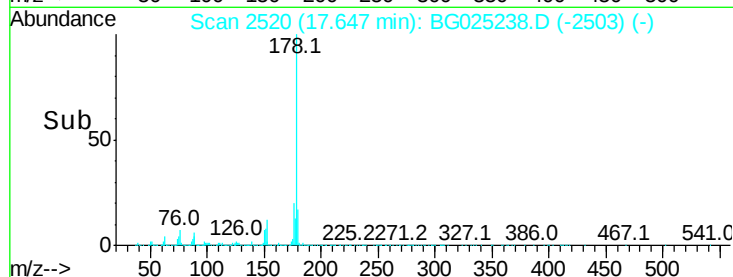
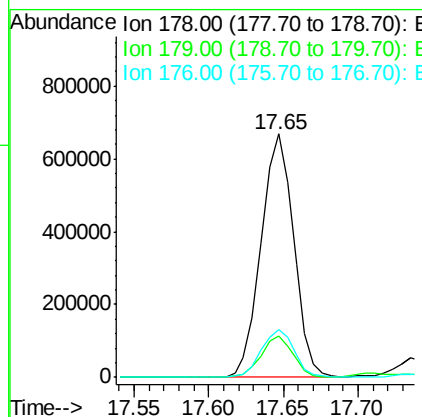
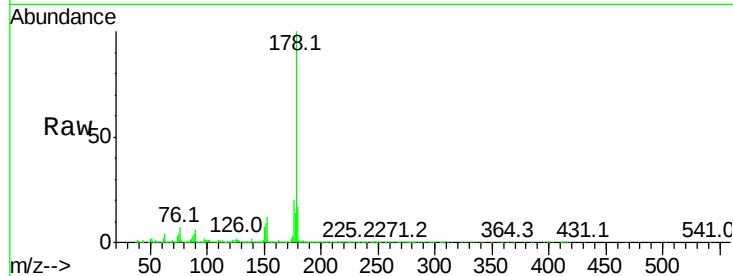
#69
Phenanthrene
Concen: 40.07 ng/ul
RT: 17.65 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025238.D
Acq: 16 Dec 2016 8:23

Instrument :
BNA_G
ClientSampleId :
DA8E0

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.4	18.6
176	19.6	16.5	24.7

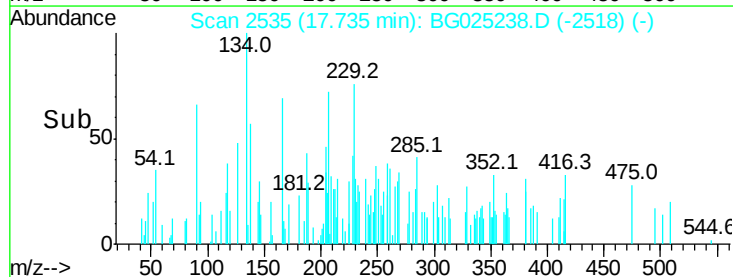
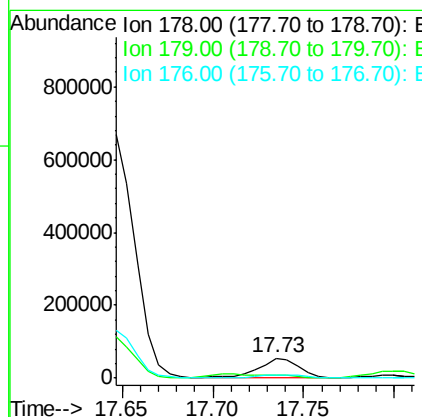
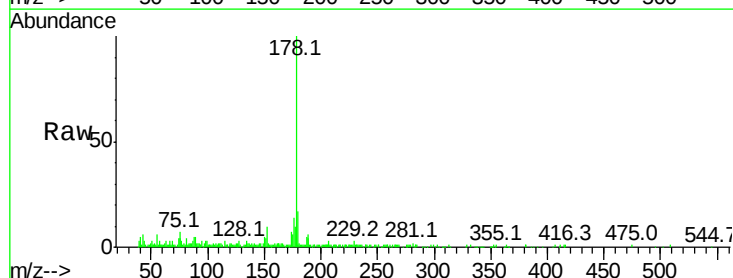
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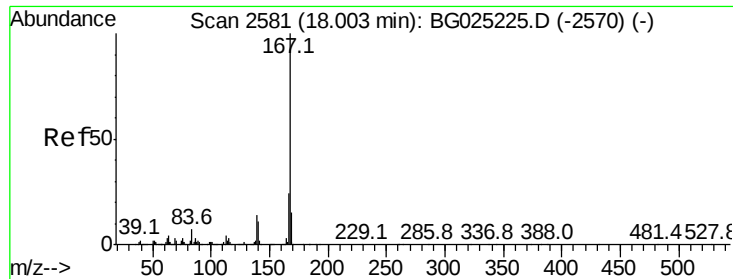
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#71
Anthracene
Concen: 2.97 ng/ul
RT: 17.73 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BG025238.D
Acq: 16 Dec 2016 8:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.6	19.0
176	14.4	15.9	23.9#





#72

Carbazole

Concen: 8.24 ng/ul

RT: 18.01 min Scan# 2582

Delta R.T. 0.01 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Instrument :

BNA_G

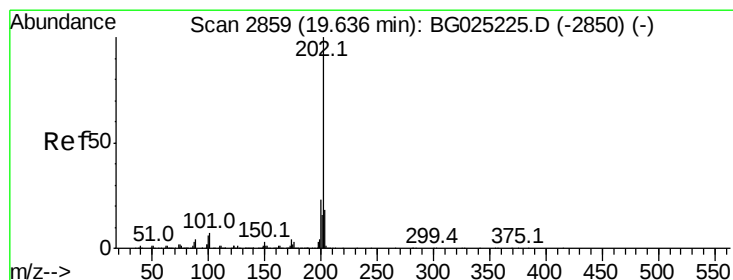
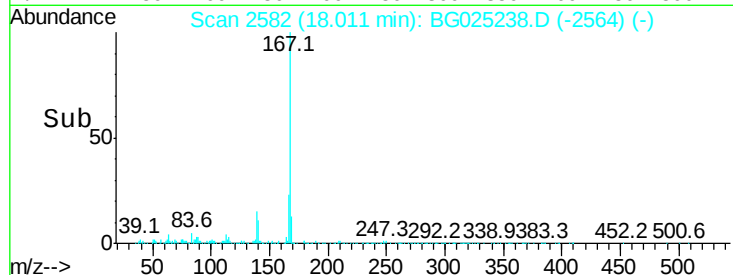
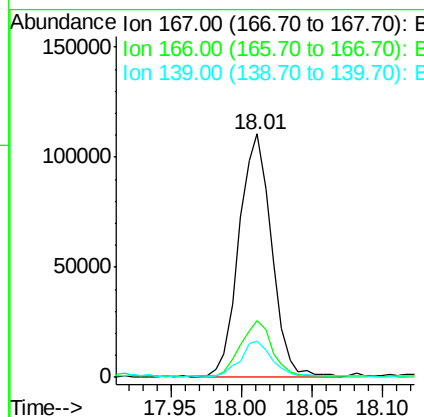
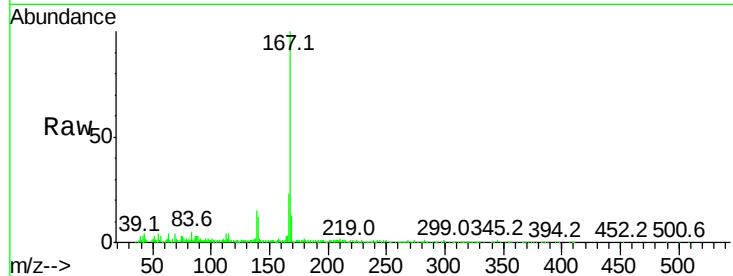
ClientSampleId :

DA8E0

Tot Ion:	167	Resp:	178010
Ion Ratio	Lower	Upper	
167	100		
166	23.5	17.9	26.9
139	14.9	10.5	15.7

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#74

Fluoranthene

Concen: 100.18 ng/ul

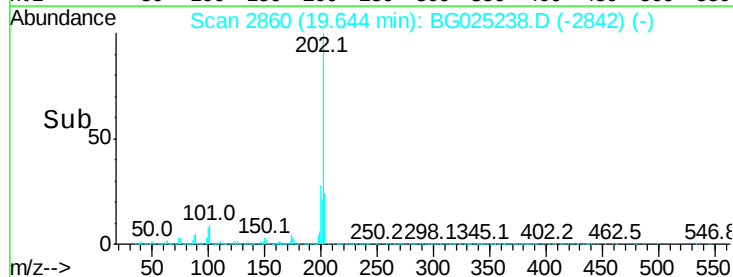
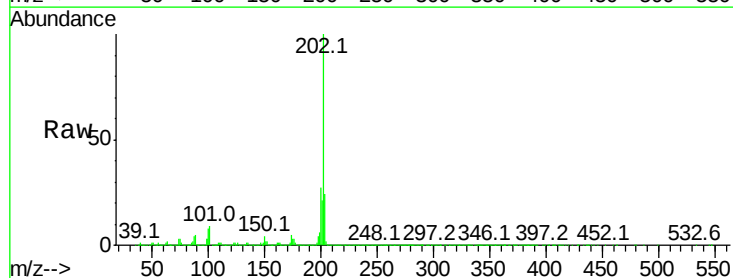
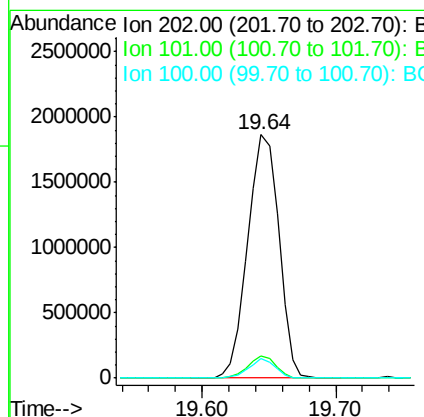
RT: 19.64 min Scan# 2860

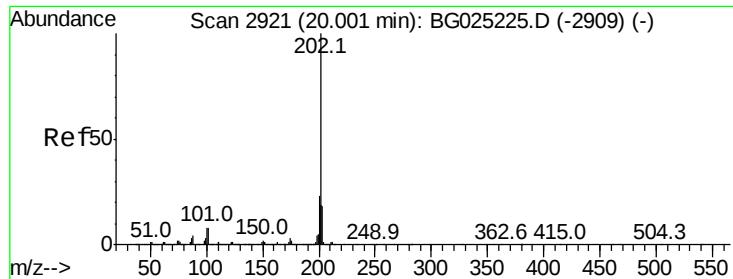
Delta R.T. 0.01 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Tgt Ion:	202	Resp:	2999194
Ion Ratio	Lower	Upper	
202	100		
101	9.0	6.2	9.2
100	7.9	5.2	7.8#





#77

Pvrene

Concen: 82.51 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.01 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Instrument :

BNA_G

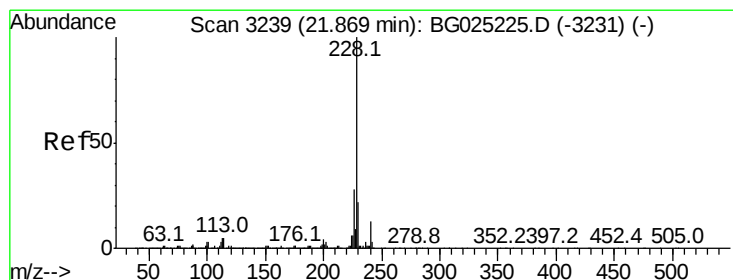
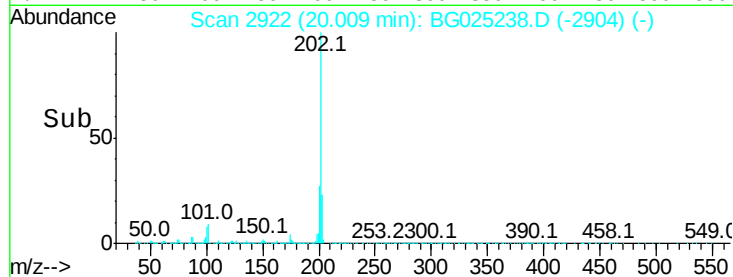
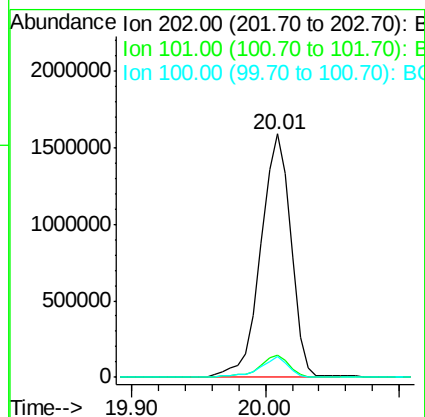
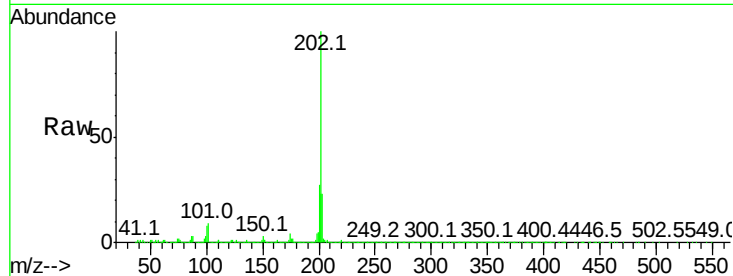
ClientSampleId :

DA8E0

Tot Ion:	202	Resp:	2465661
Ion Ratio	Lower	Upper	
202	100		
101	9.2	6.9	10.3
100	8.4	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 36.89 ng/ul

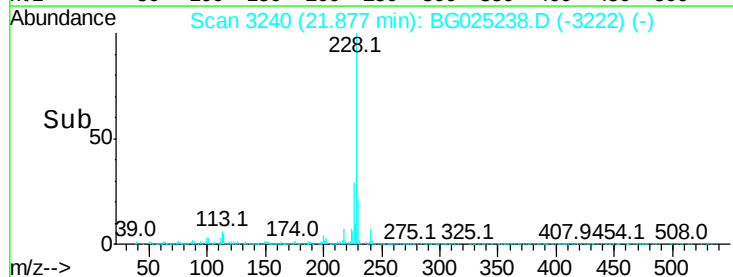
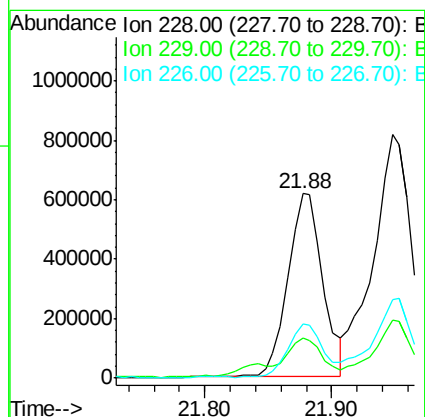
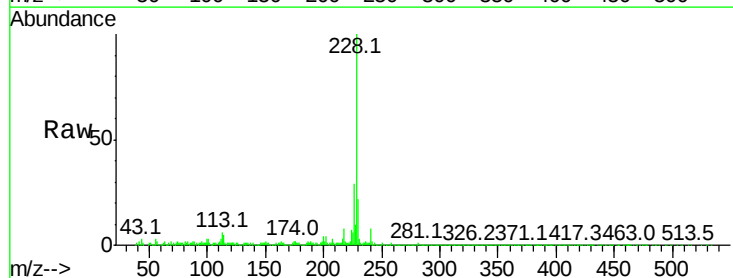
RT: 21.88 min Scan# 3240

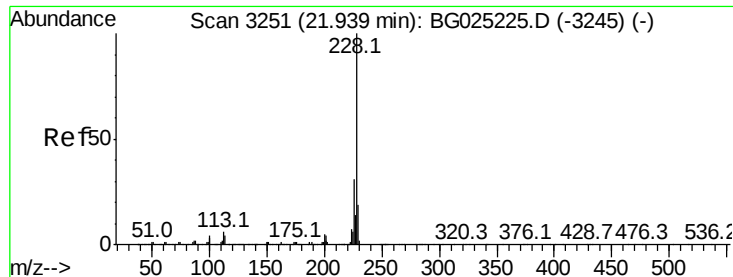
Delta R.T. 0.01 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Tgt Ion:	228	Resp:	1191378
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.3	24.5
226	29.4	21.9	32.9





#82

Chrysene

Concen: 56.29 ng/ul

RT: 21.95 min Scan# 3252

Delta R.T. 0.01 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Instrument :

BNA_G

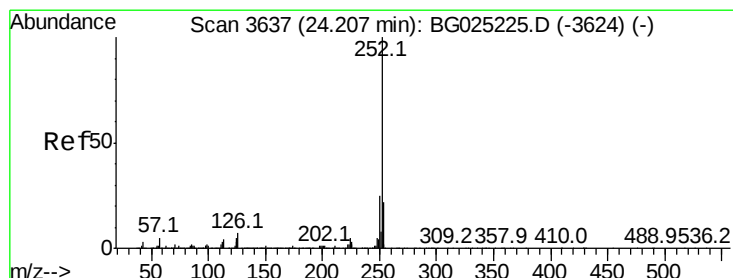
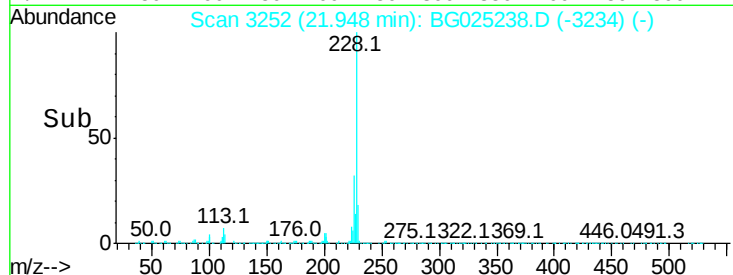
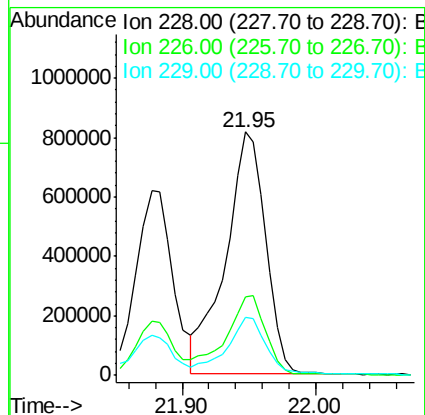
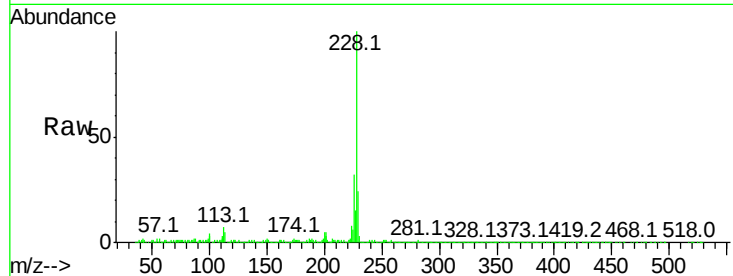
ClientSampled :

DA8E0

Tot Ion:	228	Resp:	1700737
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	23.6	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 73.16 ng/ul

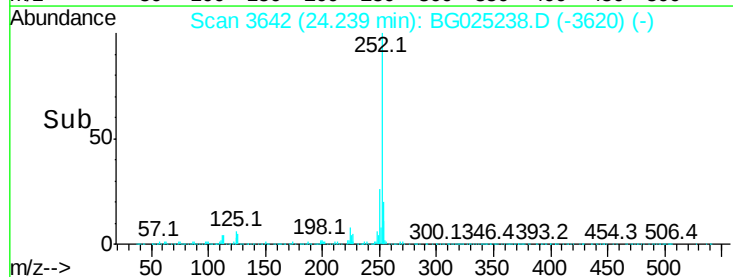
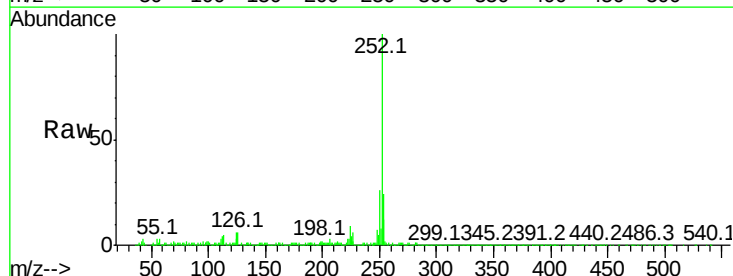
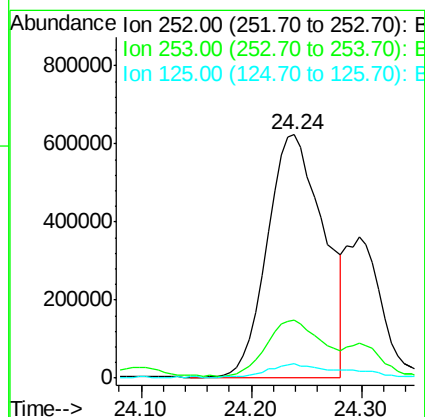
RT: 24.24 min Scan# 3642

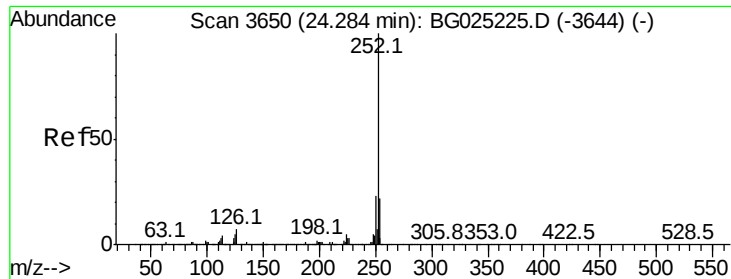
Delta R.T. 0.03 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Tgt Ion:	252	Resp:	2196659
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	5.9	4.0	6.0





#86

Benzo(k)fluoranthene

Concen: 28.82 ng/ul m

RT: 24.30 min Scan# 3652

Delta R.T. 0.01 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Instrument :

BNA_G

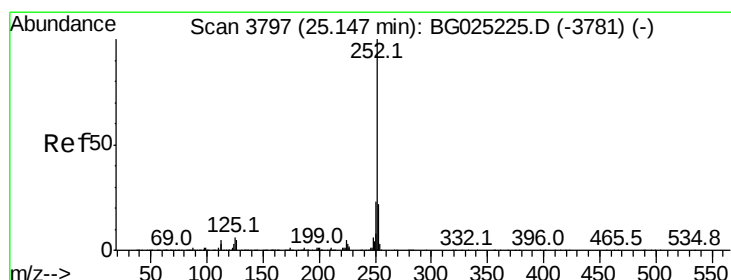
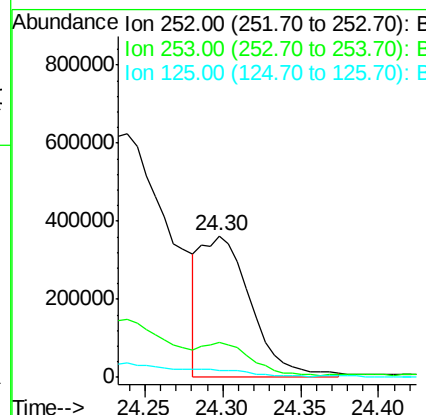
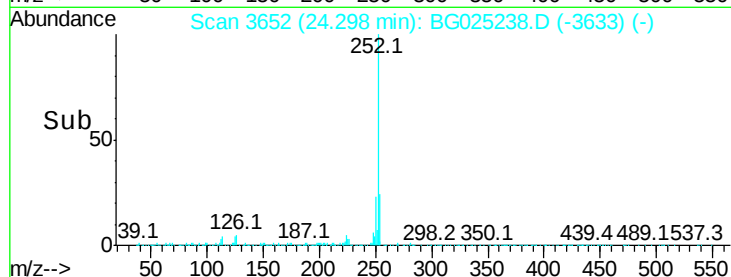
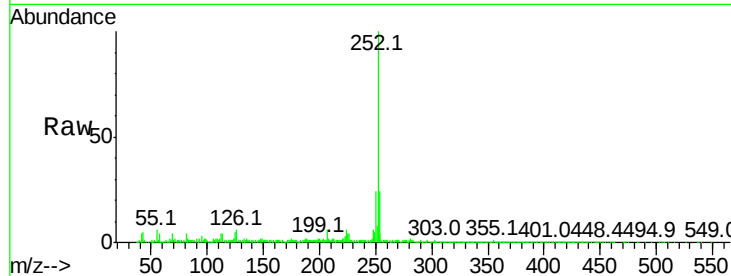
ClientSampleId :

DA8E0

Tot Ion:	252	Resp:	822762
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.5	27.7
125	5.1	4.1	6.1

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#88

Benzo(a)pyrene

Concen: 37.10 ng/ul

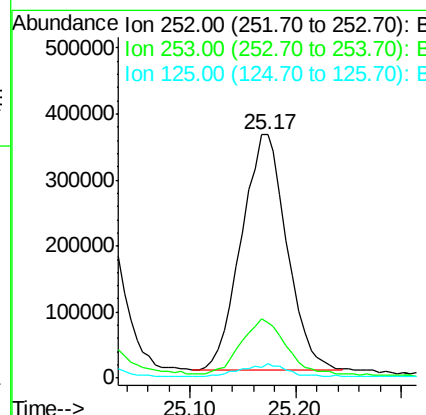
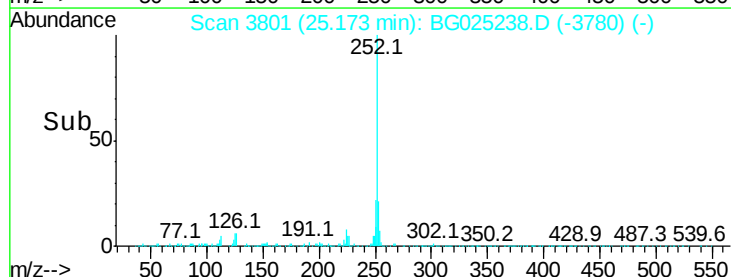
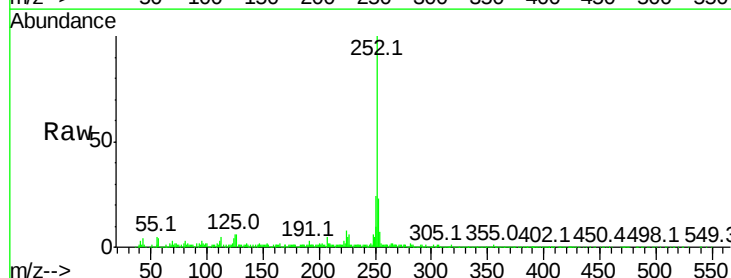
RT: 25.17 min Scan# 3801

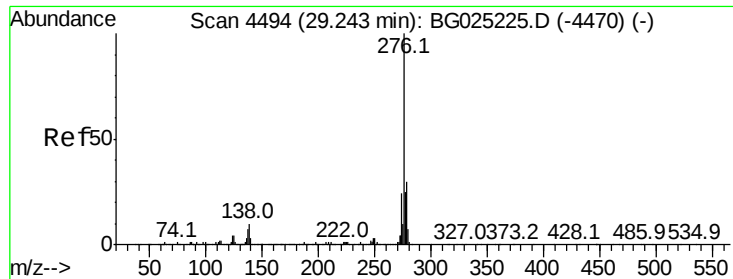
Delta R.T. 0.03 min

Lab File: BG025238.D

Acq: 16 Dec 2016 8:23

Tgt Ion:	252	Resp:	1071060
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	6.1	5.4	8.0





#89

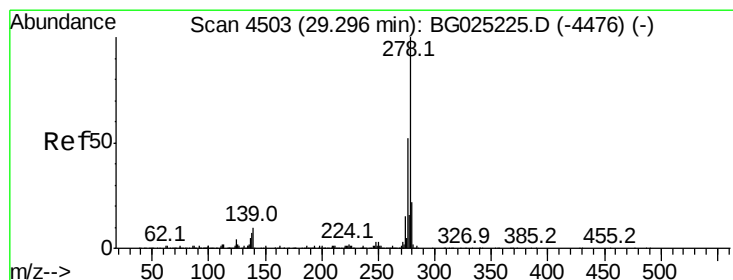
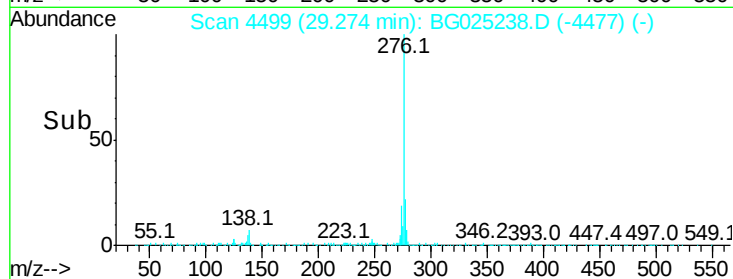
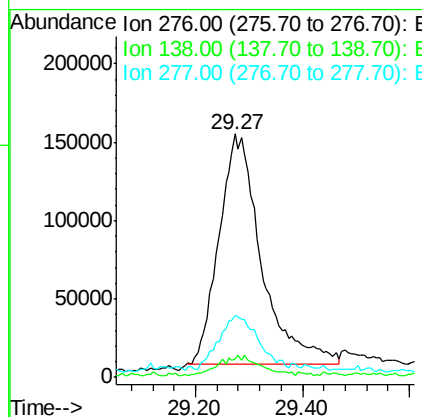
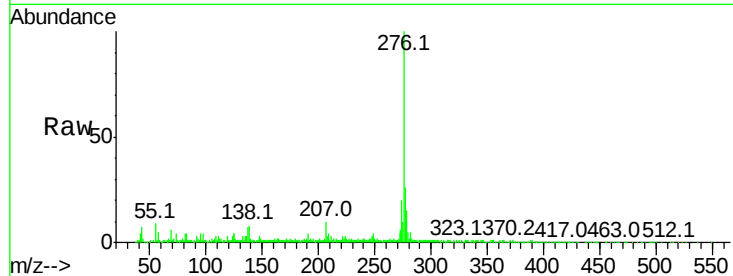
Indeno(1,2,3-cd)pyrene
Concen: 22.44 ng/ul m
RT: 29.27 min Scan# 4499
Delta R.T. 0.03 min
Lab File: BG025238.D
Acq: 16 Dec 2016 8:23

Instrument :
BNA_G
ClientSampleId :
DA8E0

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.7	8.2	12.4#
277	25.6	18.6	28.0

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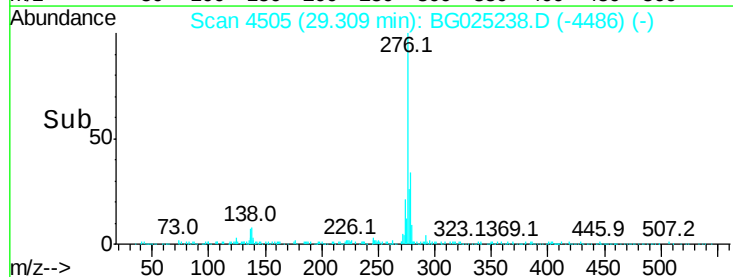
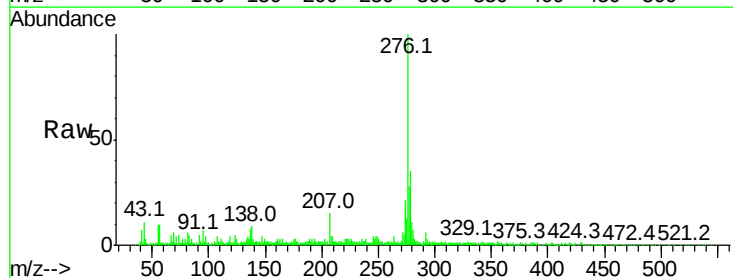
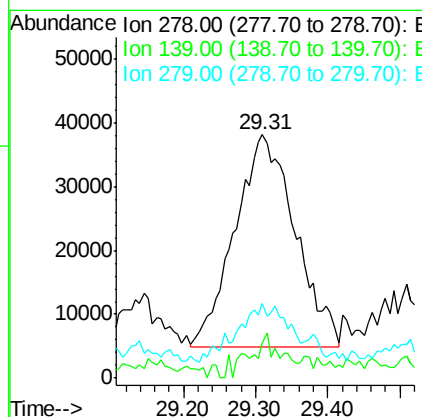
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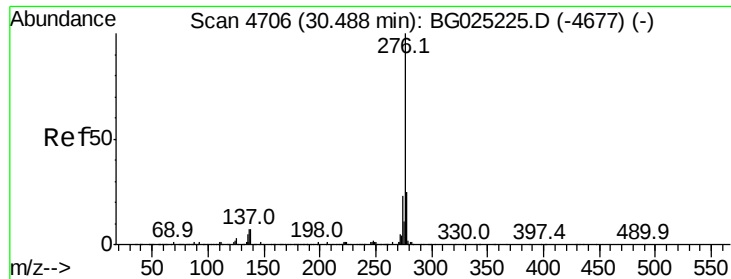


#90

Dibenzo(a,h)anthracene
Concen: 6.40 ng/ul m
RT: 29.31 min Scan# 4505
Delta R.T. 0.01 min
Lab File: BG025238.D
Acq: 16 Dec 2016 8:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.1	6.7	10.1
279	30.5	20.9	31.3





#91
 Benzo(a,h,i)perylene
 Concen: 21.74 ng/ul m
 RT: 30.51 min Scan# 4710
 Delta R.T. 0.03 min
 Lab File: BG025238.D
 Acq: 16 Dec 2016 8:23

Instrument :
 BNA_G
 ClientSampleId :
 DA8E0

Tot Ion:	276	Resp:	650951
Ion Ratio	Lower	Upper	
276	100		
138	11.1	8.6	12.8
277	24.2	17.6	26.4

Manual Integrations
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