

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
 Data File : BG025165.D
 Acq On : 14 Dec 2016 4:01
 Operator : UM/SJ
 Sample : H5990-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BACKGROUND05-0106-03

Manual Integrations
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Quant Time: Dec 14 05:42:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	101302	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	467961	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	369762	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	701215	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	794867	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	831839	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	6493	3.31	ng/uL	0.00
5) Phenol-d5	7.39	99	173245	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	110077	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	121278	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	138225	18.93	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	67948	20.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	85353	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	157013	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	91143	11.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	531165	20.88	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	619787	22.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	75488	17.27	ng/ul	0.00
57) Fluorene-d10	15.85	176	478386	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	69174	15.95	ng/ul	0.00
70) Anthracene-d10	17.71	188	674330	22.78	ng/ul	0.00
76) Pyrene-d10	19.98	212	760530	23.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	793912	23.55	ng/ul	0.02

Target Compounds

						Ovalue
6) Phenol	7.42	94	36837	4.11	ng/ul#	88
44) Dimethylphthalate	14.30	163	105173	4.21	ng/ul#	94
49) Acenaphthene	14.93	153	40393	2.18	ng/ul	90
53) Dibenzofuran	15.26	168	38439	1.31	ng/ul#	83
58) Fluorene	15.90	166	48616	2.03	ng/ul#	99
69) Phenanthrene	17.65	178	1275505	38.11	ng/ul	99
71) Anthracene	17.74	178	124925	3.63	ng/ul	96
72) Carbazole	18.01	167	111058	3.87	ng/ul	99
74) Fluoranthene	19.65	202	2472976	62.18	ng/ul#	96
77) Pyrene	20.01	202	2036925	53.31	ng/ul	98
80) Benzo(a)anthracene	21.88	228	1051961	25.47	ng/ul	98
82) Chrysene	21.96	228	1424207	36.87	ng/ul	96
85) Benzo(b)fluoranthene	24.24	252	1852233	44.90	ng/ul#	98
86) Benzo(k)fluoranthene	24.31	252	663703m	16.93	ng/ul	
88) Benzo(a)pyrene	25.18	252	1134318	28.60	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.28	276	947200m	19.22	ng/ul	
90) Dibenzo(a,h)anthracene	29.31	278	256320m	6.17	ng/ul	
91) Benzo(g,h,i)perylene	30.53	276	863405m	20.99	ng/ul	

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

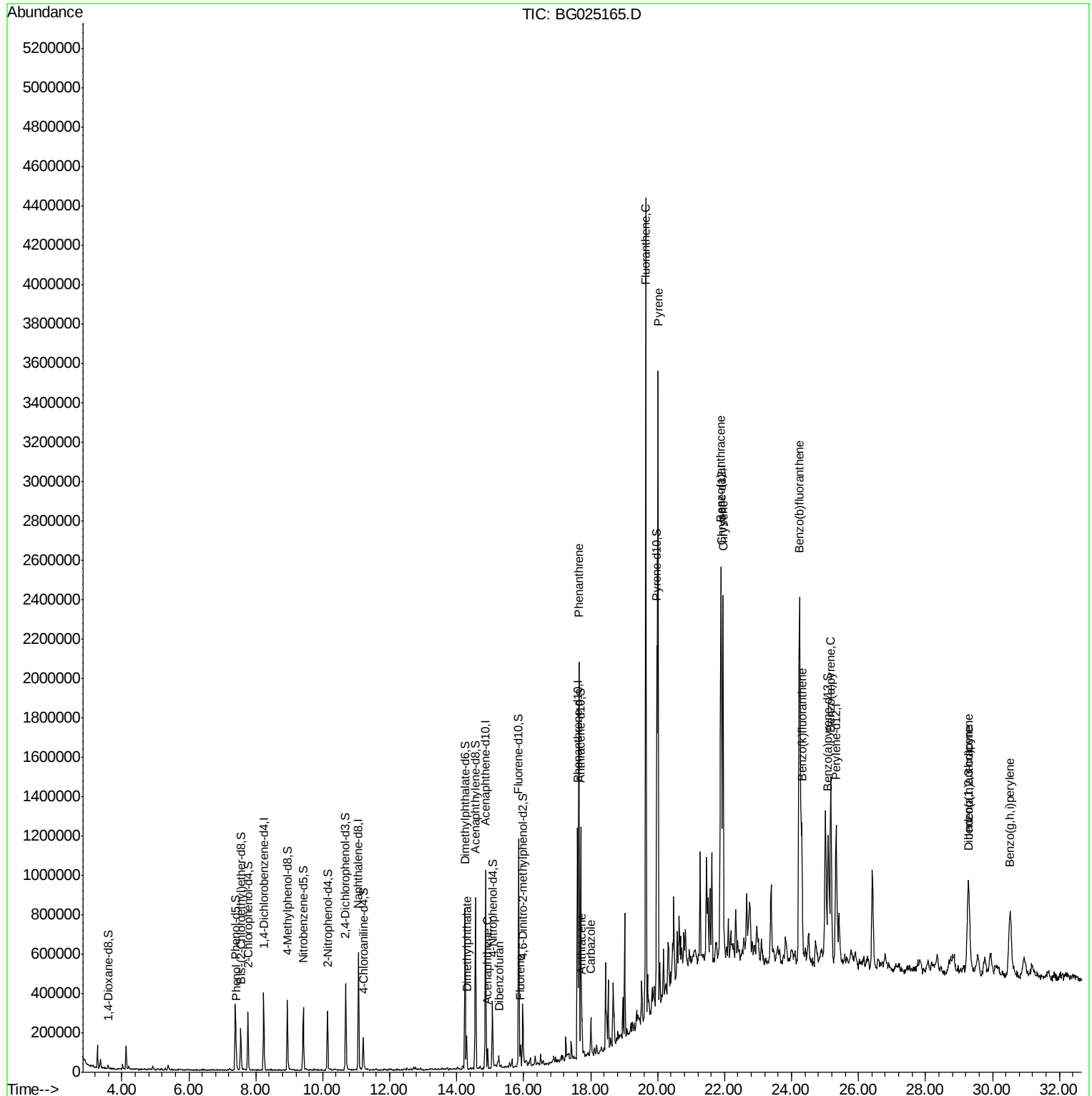
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025165.D
Acq On : 14 Dec 2016 4:01
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ALS Vial : 21 Sample Multiplier: 1

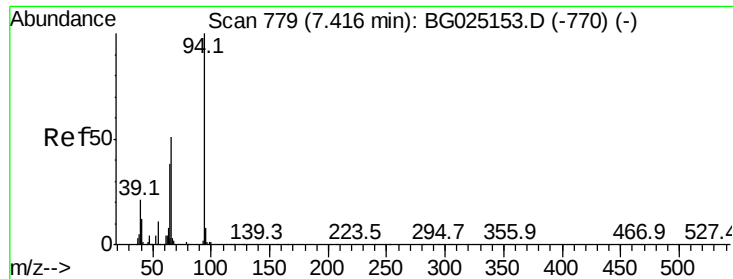
Instrument :
BNA_G
ClientSampleId :
BACKGROUND05-0106-03

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Quant Time: Dec 14 05:42:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.11 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025165.D

Acq: 14 Dec 2016 4:01

Instrument :

BNA_G

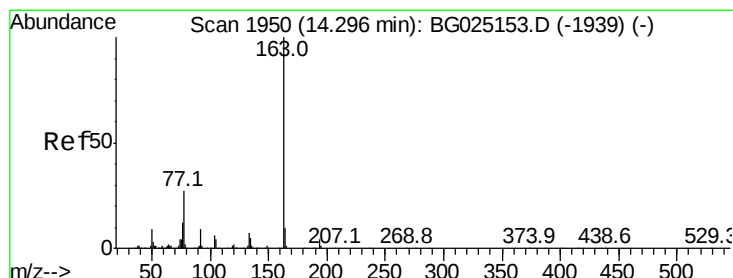
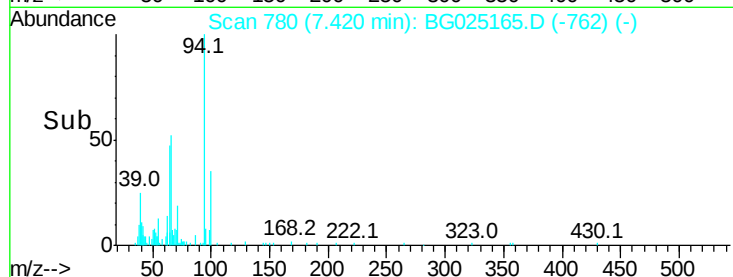
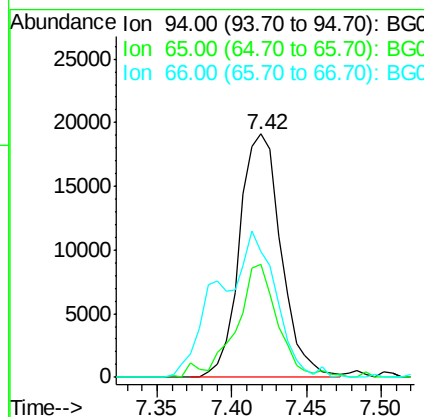
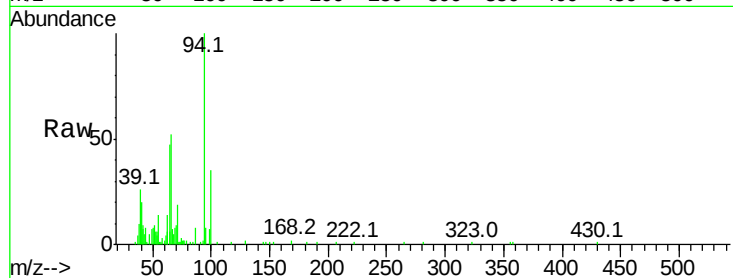
ClientSampleId :

BACKGROUND05-0106-03

Tot Ion:	94	Resp:	36837
Ion Ratio	Lower	Upper	
94	100		
65	46.6	26.8	40.2#
66	51.9	44.4	66.6

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#44

Dimethylphthalate

Concen: 4.21 ng/ul

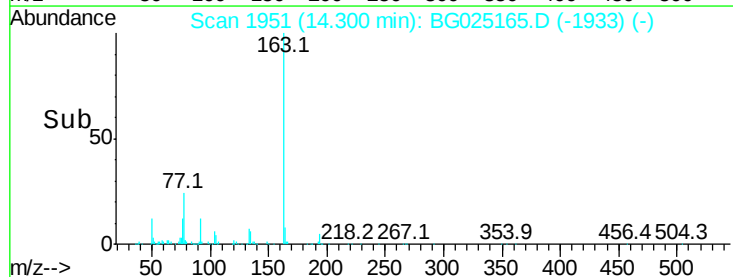
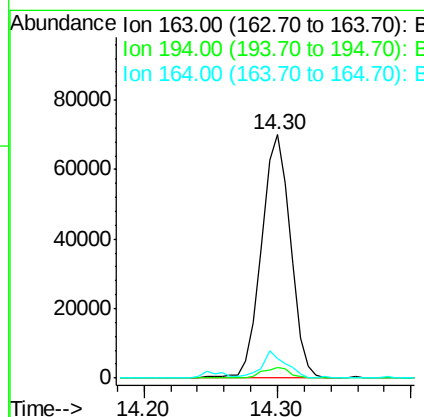
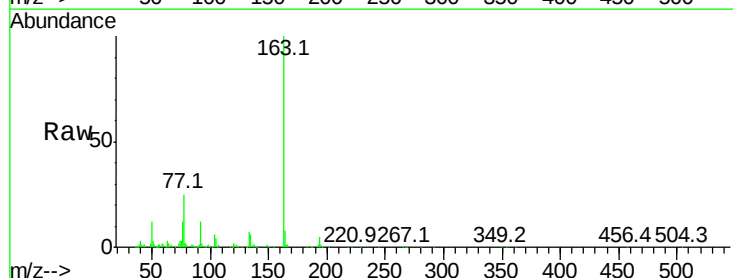
RT: 14.30 min Scan# 1951

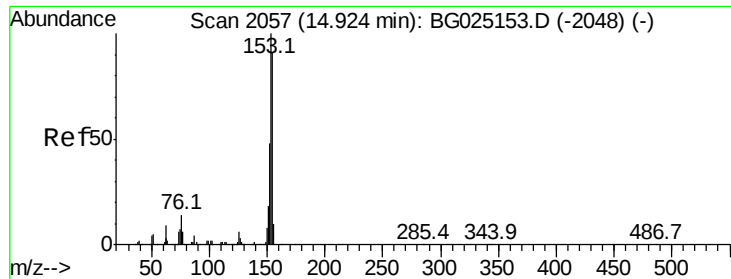
Delta R.T. 0.00 min

Lab File: BG025165.D

Acq: 14 Dec 2016 4:01

Tgt Ion:	163	Resp:	105173
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.0
164	8.1	9.0	13.4#





#49

Acenaphthene

Concen: 2.18 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG025165.D

Acq: 14 Dec 2016 4:01

Instrument :

BNA_G

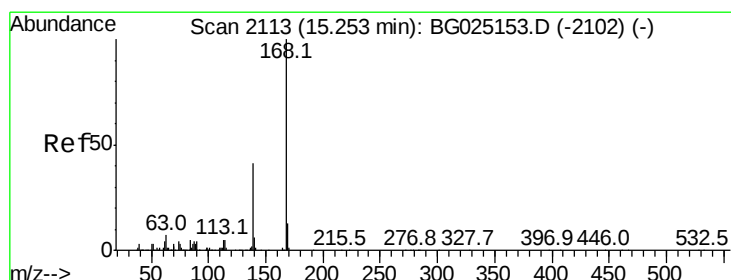
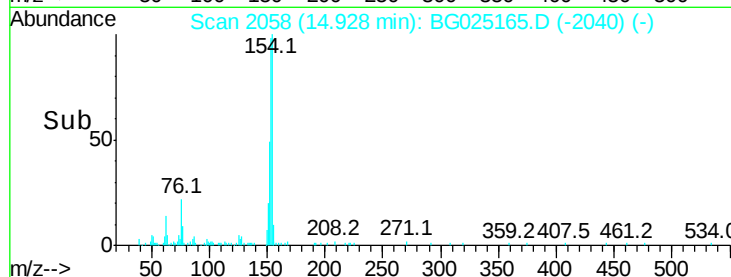
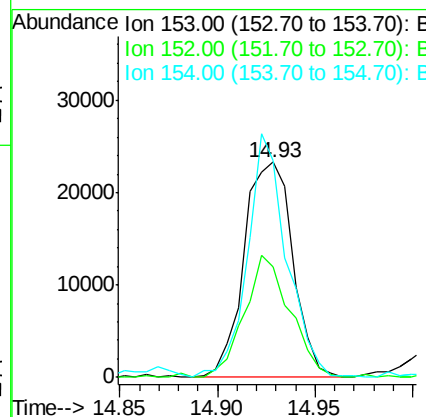
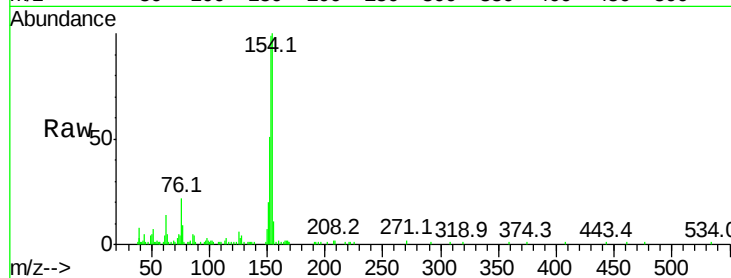
ClientSampleId :

BACKGROUND05-0106-03

Tot Ion:	153	Resp:	40393
Ion Ratio	Lower	Upper	
153	100		
152	51.3	36.5	54.7
154	100.7	72.3	108.5

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#53

Dibenzofuran

Concen: 1.31 ng/ul

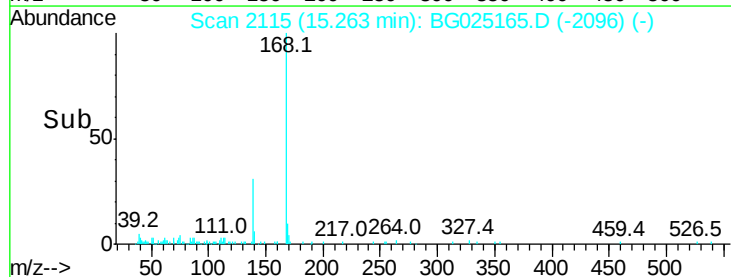
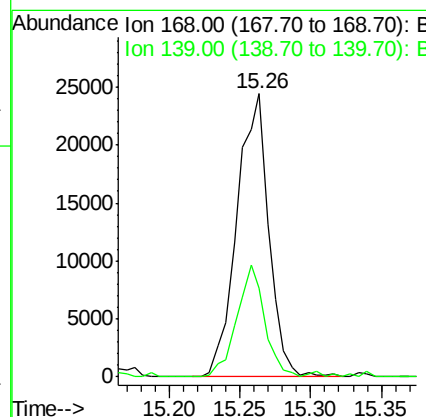
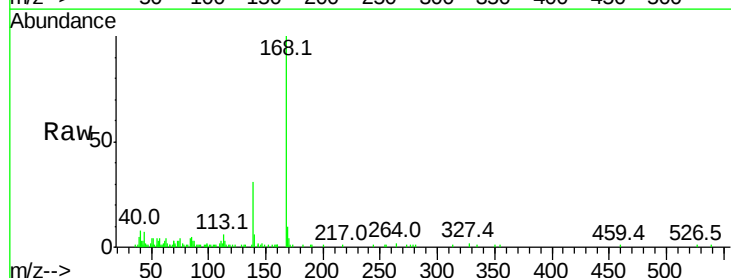
RT: 15.26 min Scan# 2115

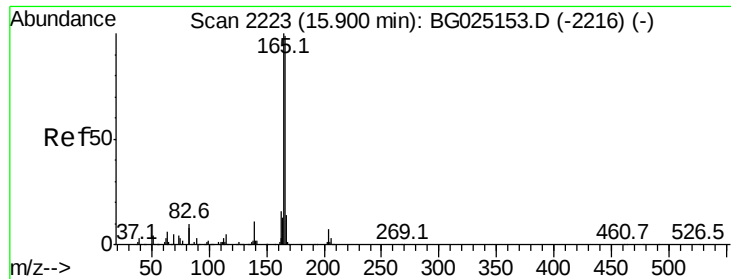
Delta R.T. 0.01 min

Lab File: BG025165.D

Acq: 14 Dec 2016 4:01

Tgt Ion:	168	Resp:	38439
Ion Ratio	Lower	Upper	
168	100		
139	31.3	33.8	50.8#





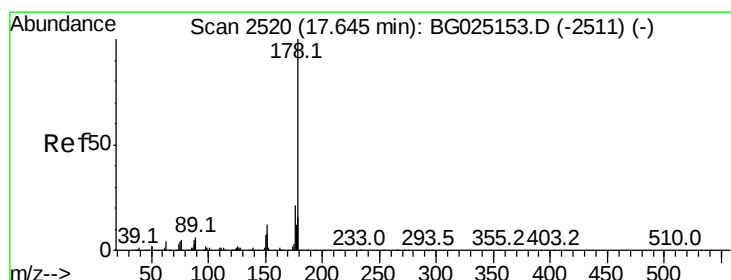
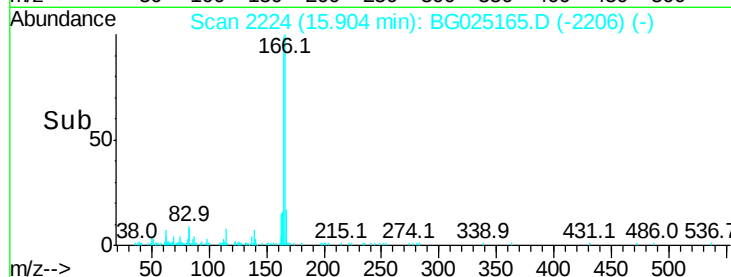
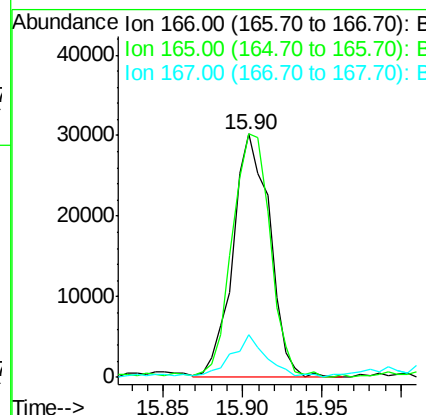
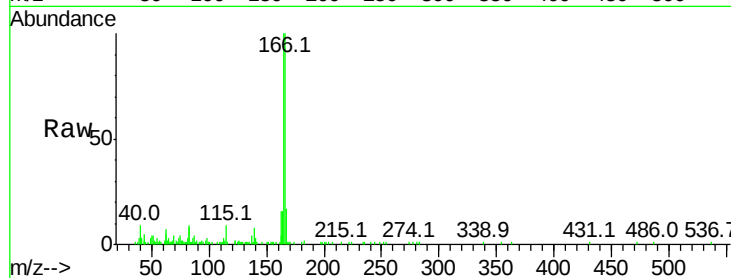
#58
Fluorene
 Concen: 2.03 ng/ul
 RT: 15.90 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BG025165.D
 Acq: 14 Dec 2016 4:01

Instrument :
 BNA_G
 ClientSampleId :
 BACKGROUND05-0106-03

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.7	119.5
167	17.3	11.4	17.2#

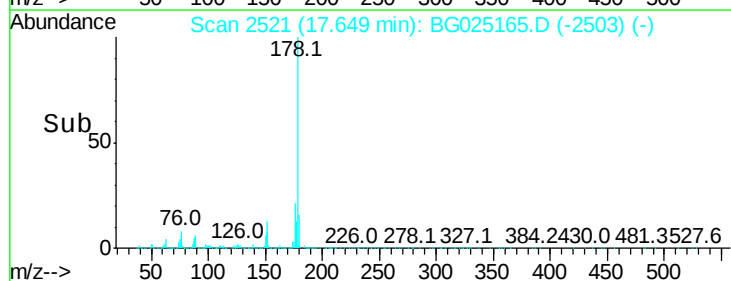
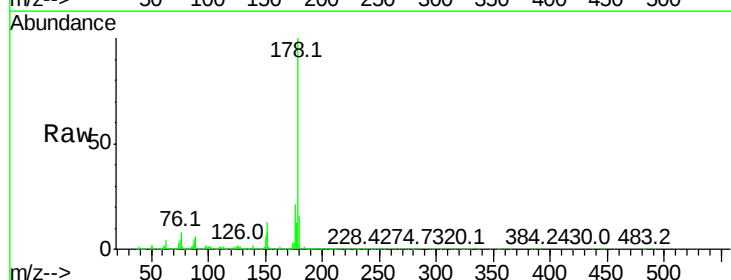
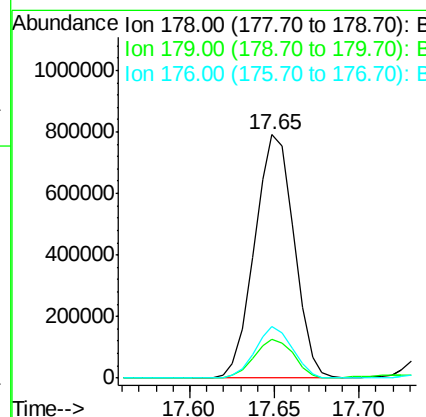
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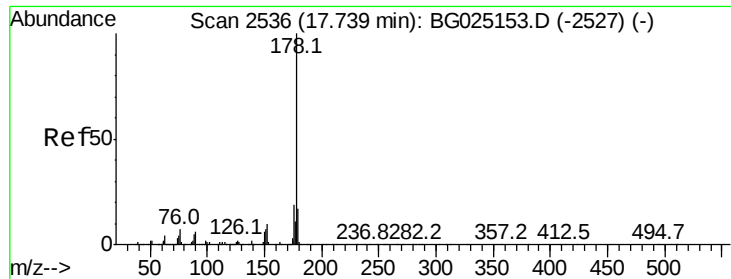
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#69
Phenanthrene
 Concen: 38.11 ng/ul
 RT: 17.65 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BG025165.D
 Acq: 14 Dec 2016 4:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	21.3	16.5	24.7





#71

Anthracene

Concen: 3.63 ng/ul

RT: 17.74 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BG025165.D

Acq: 14 Dec 2016 4:01

Instrument :

BNA_G

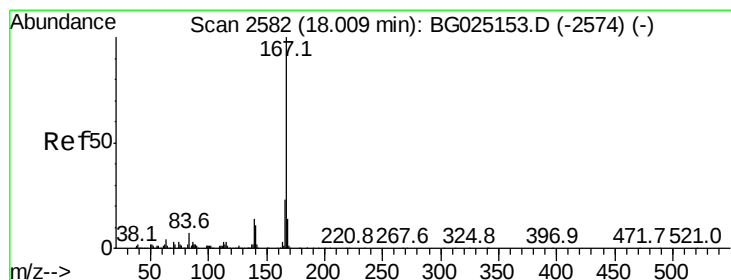
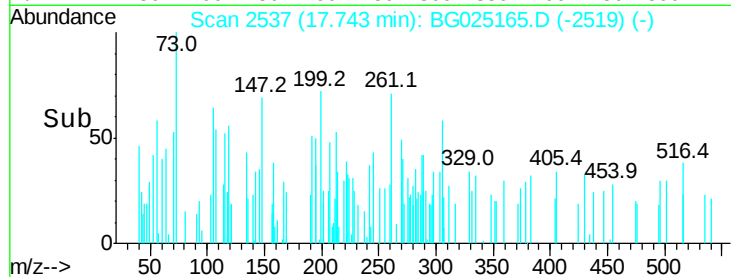
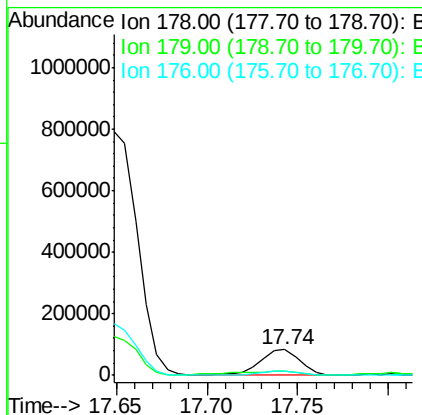
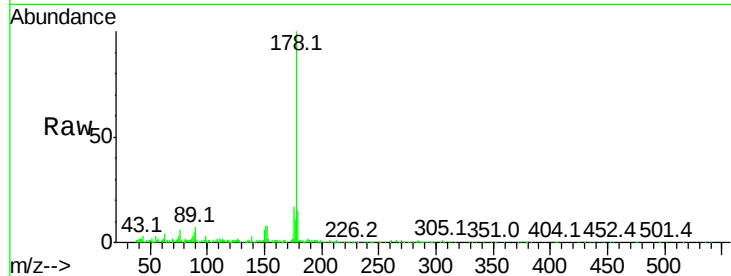
ClientSampleId :

BACKGROUND05-0106-03

Tot Ion:	178	Resp:	124925
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	17.1	15.9	23.9

Manual Integrations
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#72

Carbazole

Concen: 3.87 ng/ul

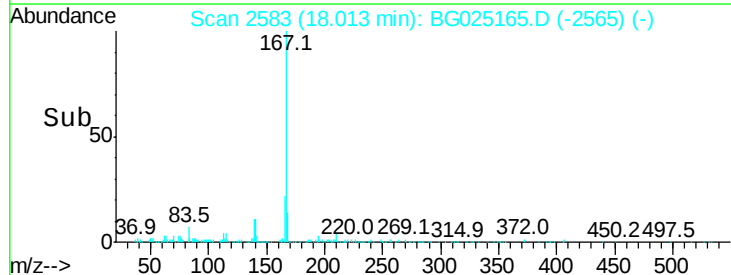
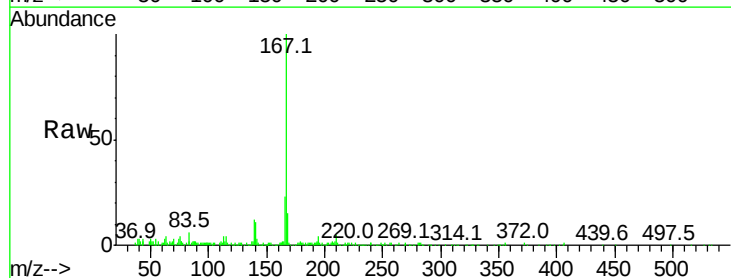
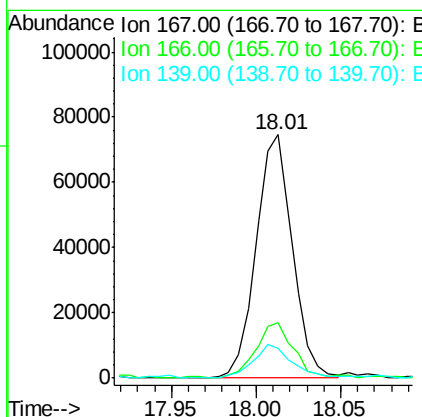
RT: 18.01 min Scan# 2583

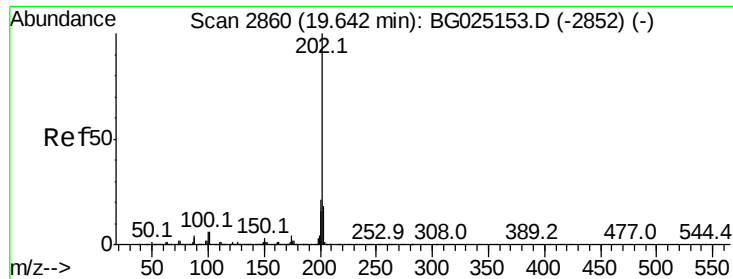
Delta R.T. 0.00 min

Lab File: BG025165.D

Acq: 14 Dec 2016 4:01

Tgt Ion:	167	Resp:	111058
Ion Ratio	Lower	Upper	
167	100		
166	22.9	17.9	26.9
139	12.5	10.5	15.7





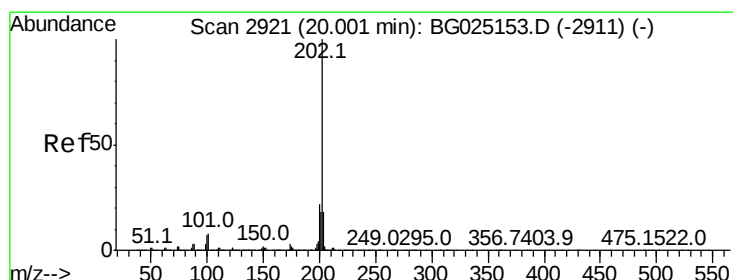
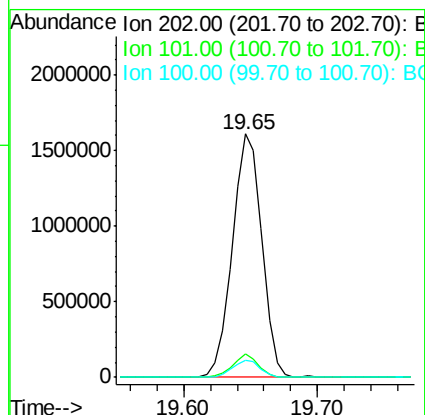
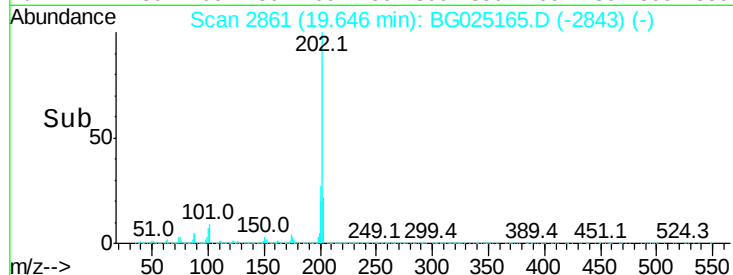
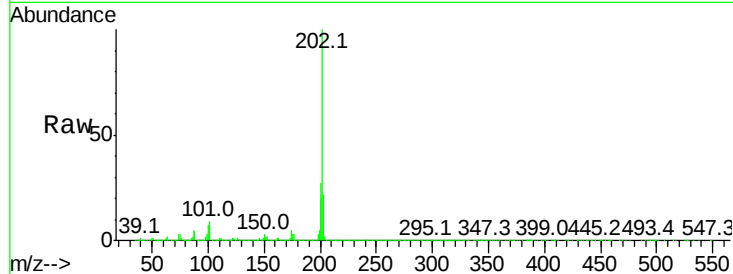
#74
 Fluoranthene
 Concen: 62.18 ng/ul
 RT: 19.65 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: BG025165.D
 Acq: 14 Dec 2016 4:01

Instrument :
 BNA_G
 ClientSampleId :
 BACKGROUND05-0106-03

Tot Ion:	202	Resp:	2472976
Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.2	9.2#
100	7.2	5.2	7.8

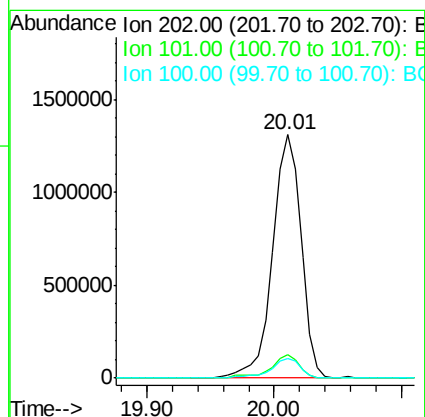
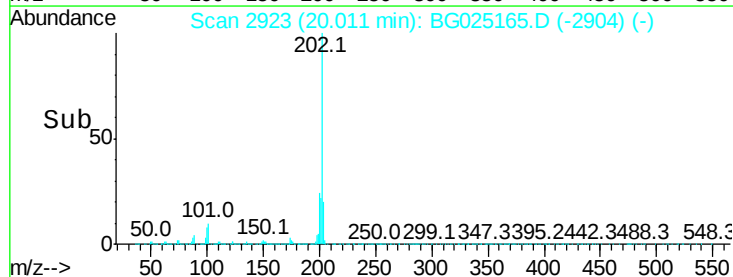
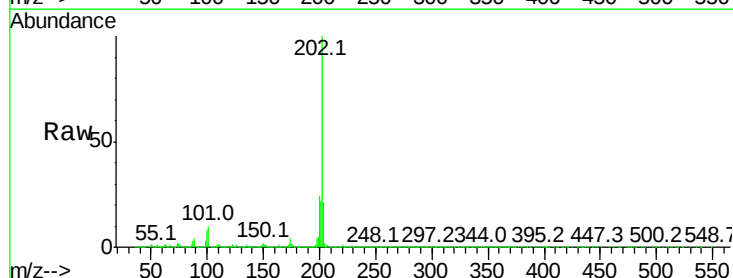
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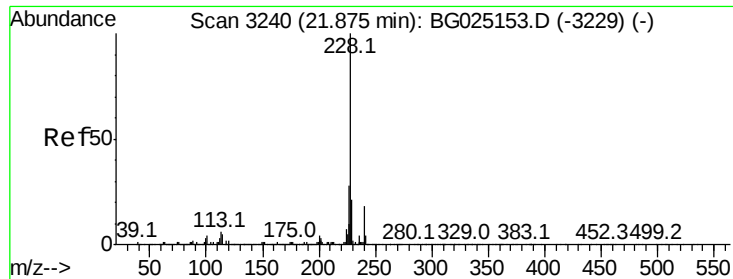
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#77
 Pyrene
 Concen: 53.31 ng/ul
 RT: 20.01 min Scan# 2923
 Delta R.T. 0.01 min
 Lab File: BG025165.D
 Acq: 14 Dec 2016 4:01

Tgt Ion:	202	Resp:	2036925
Ion	Ratio	Lower	Upper
202	100		
101	9.7	6.9	10.3
100	8.3	6.6	10.0





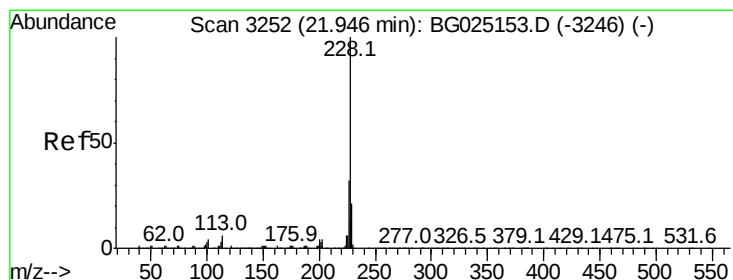
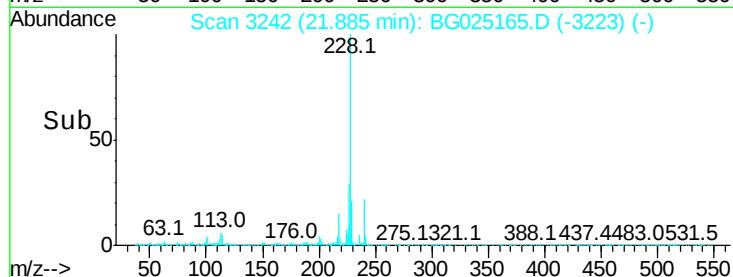
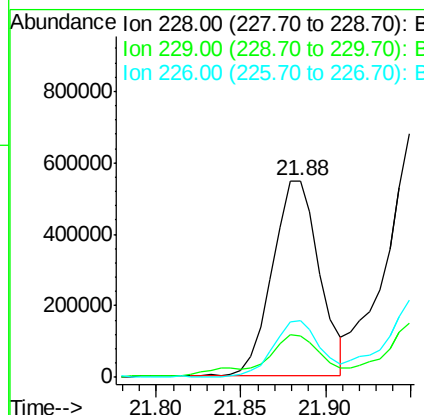
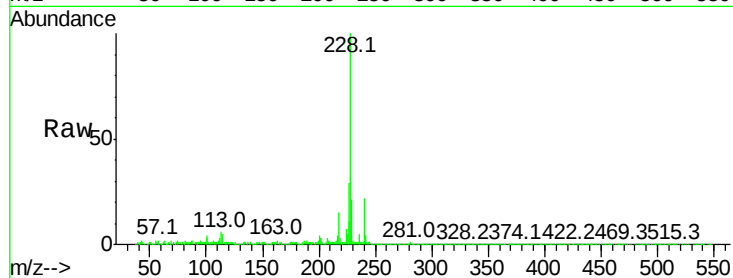
#80
Benzo(a)anthracene
Concen: 25.47 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. 0.01 min
Lab File: BG025165.D
Acq: 14 Dec 2016 4:01

Instrument :
BNA_G
ClientSampleId :
BACKGROUND05-0106-03

Tot Ion:228 Resp: 1051961
Ion Ratio Lower Upper
228 100
229 21.1 16.3 24.5
226 28.8 21.9 32.9

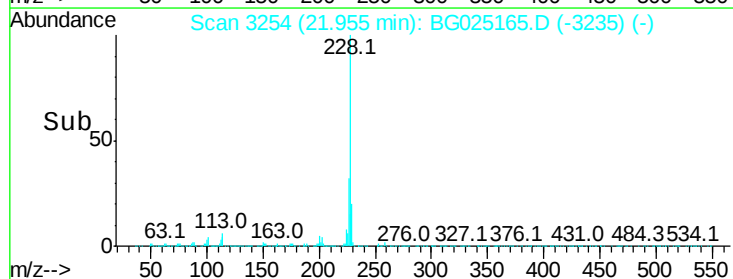
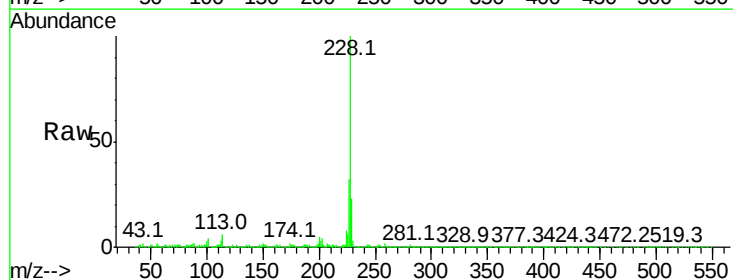
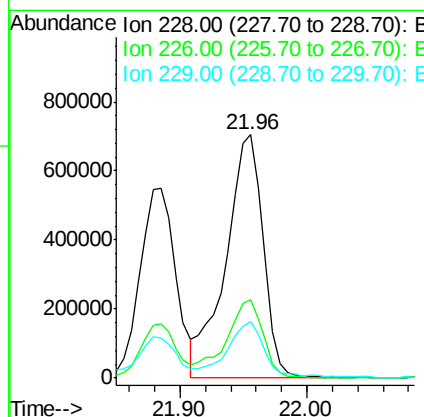
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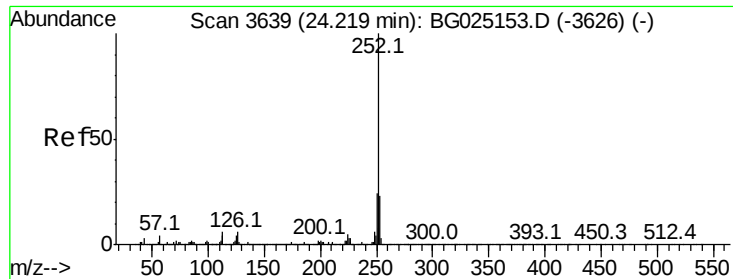
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#82
Chrysene
Concen: 36.87 ng/ul
RT: 21.96 min Scan# 3254
Delta R.T. 0.01 min
Lab File: BG025165.D
Acq: 14 Dec 2016 4:01

Tgt Ion:228 Resp: 1424207
Ion Ratio Lower Upper
228 100
226 32.4 24.0 36.0
229 23.3 16.9 25.3





#85

Benzo(b)fluoranthene

Concen: 44.90 ng/ul

RT: 24.24 min Scan# 3643

Delta R.T. 0.02 min

Lab File: BG025165.D

Acq: 14 Dec 2016 4:01

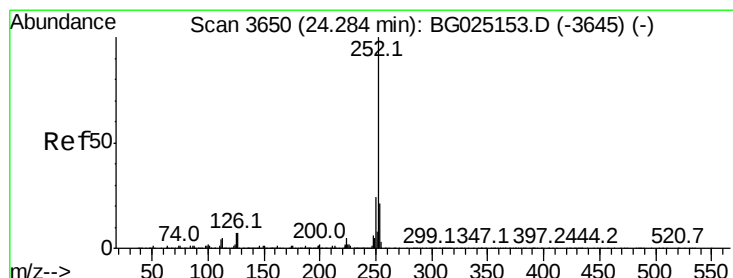
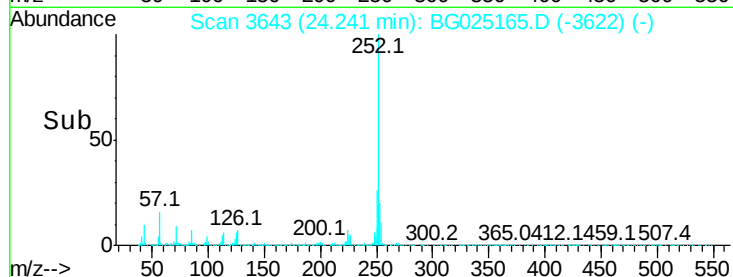
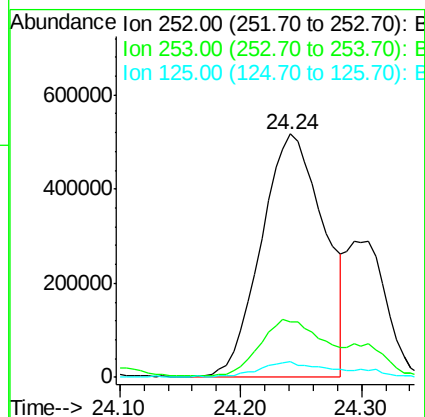
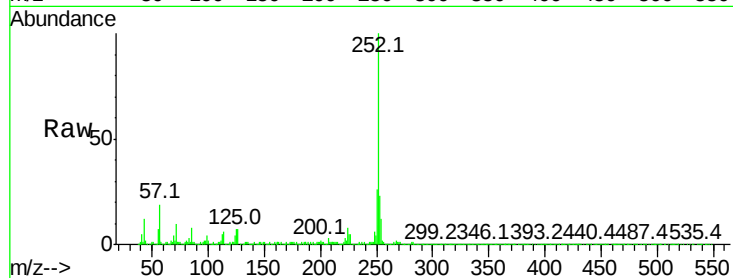
Instrument :
BNA_G

ClientSampleId :
BACKGROUND05-0106-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	6.7	4.0	6.0

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#86

Benzo(k)fluoranthene

Concen: 16.93 ng/ul m

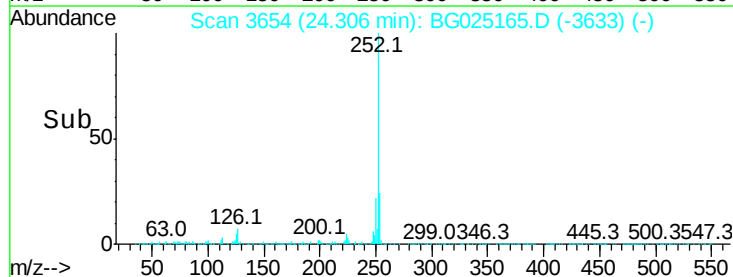
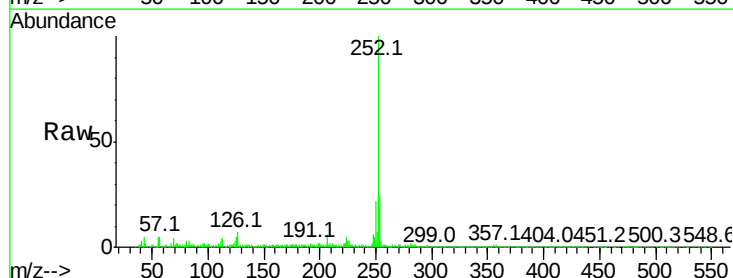
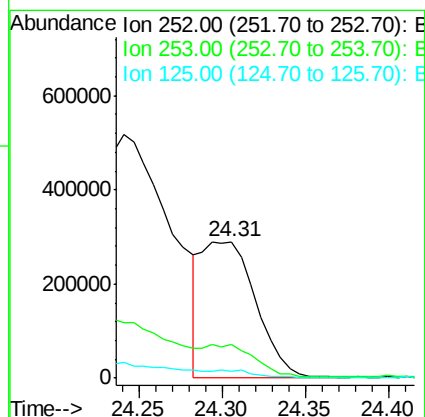
RT: 24.31 min Scan# 3654

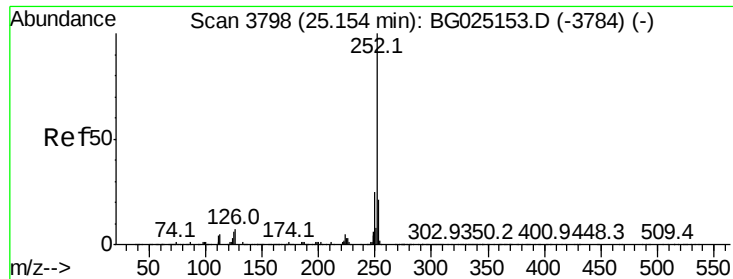
Delta R.T. 0.02 min

Lab File: BG025165.D

Acq: 14 Dec 2016 4:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	5.3	4.1	6.1





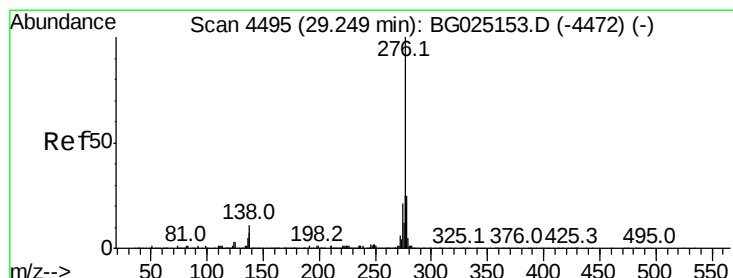
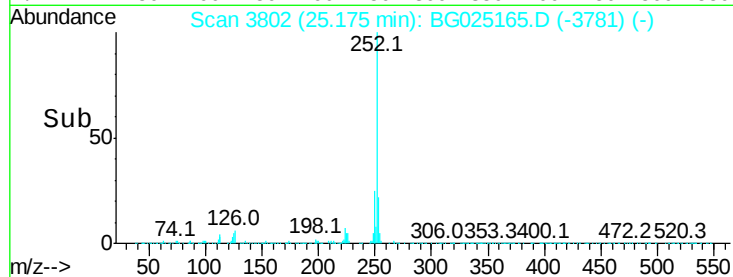
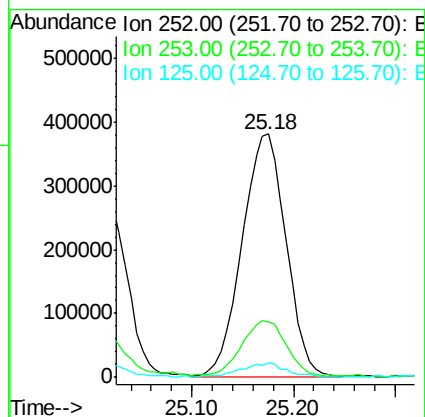
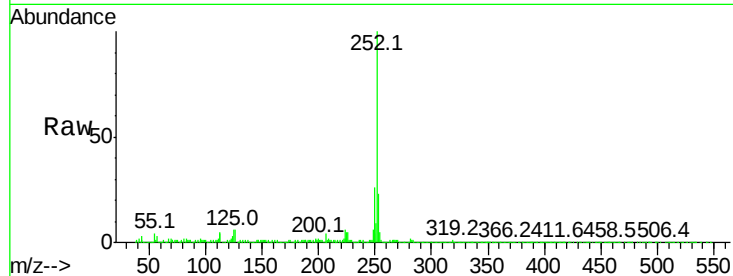
#88
Benzo(a)pyrene
Concen: 28.60 ng/ul
RT: 25.18 min Scan# 3802
Delta R.T. 0.02 min
Lab File: BG025165.D
Acq: 14 Dec 2016 4:01

Instrument :
BNA_G
ClientSampleId :
BACKGROUND05-0106-03

Tot Ion:	252	Resp:	1134318
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	5.8	5.4	8.0

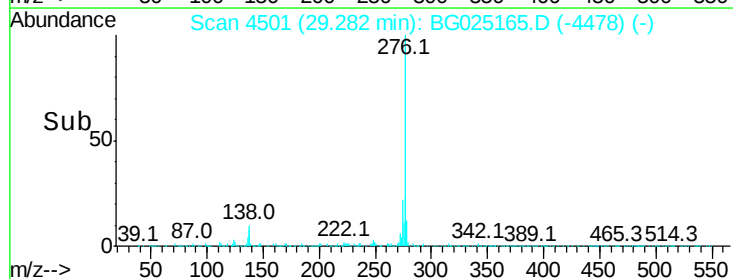
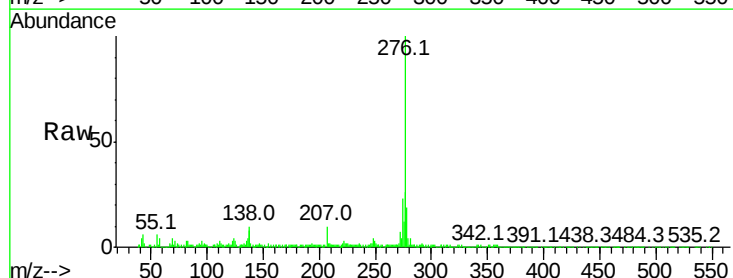
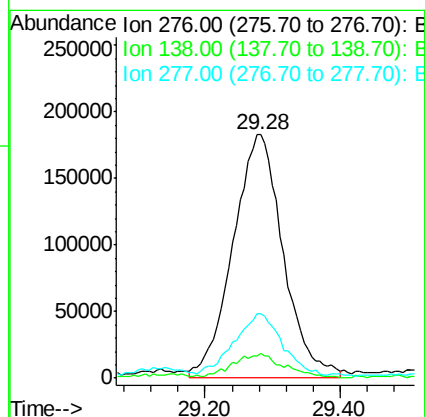
Manual Integrations
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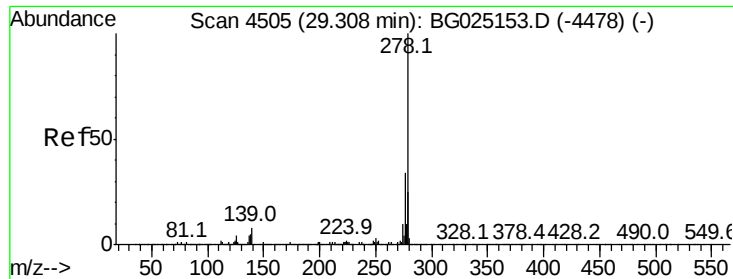
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#89
Indeno(1,2,3-cd)pyrene
Concen: 19.22 ng/ul m
RT: 29.28 min Scan# 4501
Delta R.T. 0.03 min
Lab File: BG025165.D
Acq: 14 Dec 2016 4:01

Tgt Ion:	276	Resp:	947200
Ion Ratio	Lower	Upper	
276	100		
138	10.4	8.2	12.4
277	26.3	18.6	28.0





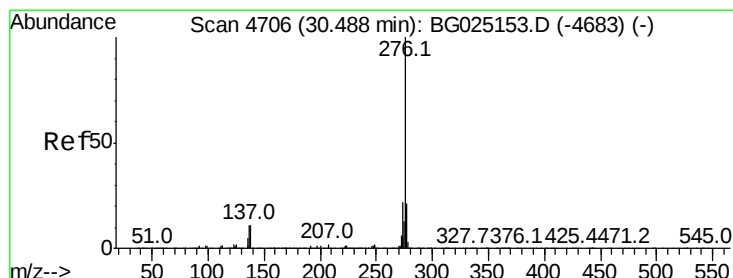
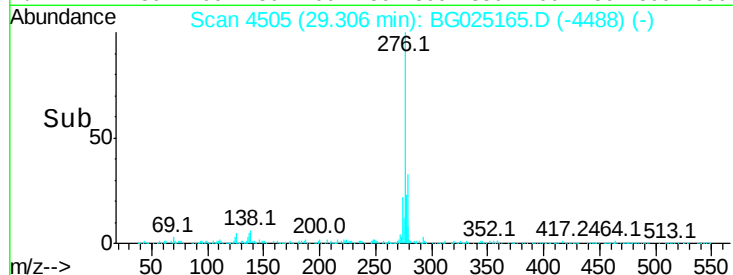
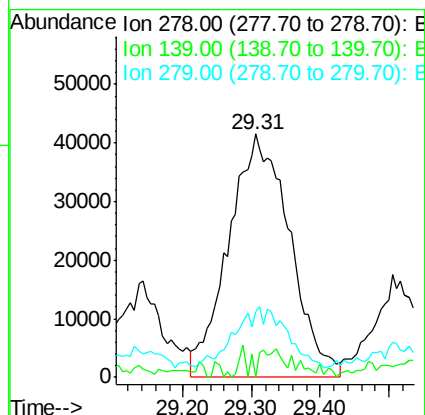
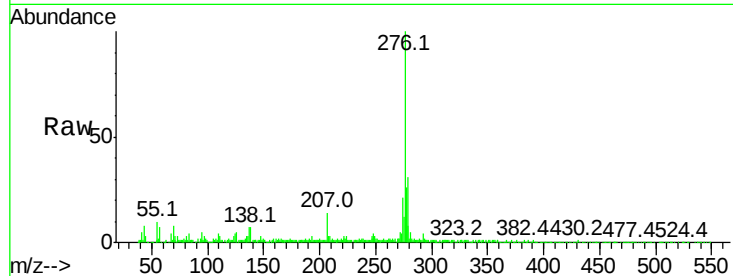
#90
Dibenzo(a,h)anthracene
Concen: 6.17 ng/ul m
RT: 29.31 min Scan# 4505
Delta R.T. -0.00 min
Lab File: BG025165.D
Acq: 14 Dec 2016 4:01

Instrument :
BNA_G
ClientSampleId :
BACKGROUND05-0106-03

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.7	10.1#
279	27.0	20.9	31.3

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 20.99 ng/ul m
RT: 30.53 min Scan# 4713
Delta R.T. 0.04 min
Lab File: BG025165.D
Acq: 14 Dec 2016 4:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	8.6	12.8
277	27.2	17.6	26.4#

