

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
 Data File : BG021385.D
 Acq On : 9 Mar 2016 3:05
 Operator : UM/SJ
 Sample : H1655-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-H280

Manual Integrations
 APPROVED

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 3/9/2016 9:28:20 AM

Quant Time: Mar 09 06:51:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 09 02:03:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	58066	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	34261	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	77217	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	84872	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	77924	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1251	4.41	ng/uL	0.00
5) Phenol-d5	7.27	99	27919	22.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	19244	23.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	19649	22.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	21236	21.72	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10869	23.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11139	22.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	19051	21.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	24822	22.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	62096	21.92	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	82161	22.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	9148	16.40	ng/ul	0.00
58) Fluorene-d10	15.72	176	56134	22.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8474	15.64	ng/ul	0.00
71) Anthracene-d10	17.57	188	86932	22.84	ng/ul	0.00
79) Pyrene-d10	19.84	212	94005	22.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	77496	18.69	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.98	128	5168	1.60 ng/ul#	97
45) Dimethylphthalate	14.18	163	14092	4.62 ng/ul	97
50) Acenaphthene	14.80	153	10864	4.29 ng/ul	96
54) Dibenzofuran	15.13	168	9533	2.76 ng/ul	95
59) Fluorene	15.78	166	13983	4.63 ng/ul	96
70) Phenanthrene	17.51	178	152137	33.17 ng/ul	99
72) Anthracene	17.60	178	33299	7.15 ng/ul	98
75) Carbazole	17.87	167	16605	4.08 ng/ul	97
77) Fluoranthene	19.51	202	173142	32.12 ng/ul	98
80) Pyrene	19.87	202	121788	21.63 ng/ul	99
81) Butylbenzylphthalate	20.74	149	19211	7.53 ng/ul	92
83) Benzo(a)anthracene	21.72	228	70190	12.88 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	19705	5.20 ng/ul	100
85) Chrysene	21.78	228	63532	12.50 ng/ul	97
88) Benzo(b)fluoranthene	23.95	252	72967	13.76 ng/ul	97
89) Benzo(k)fluoranthene	24.01	252	26327m	5.12 ng/ul	
91) Benzo(a)pyrene	24.84	252	35588	6.93 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	24716m	4.41 ng/ul	
93) Dibenzo(a,h)anthracene	28.74	278	8329	1.73 ng/ul#	91

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

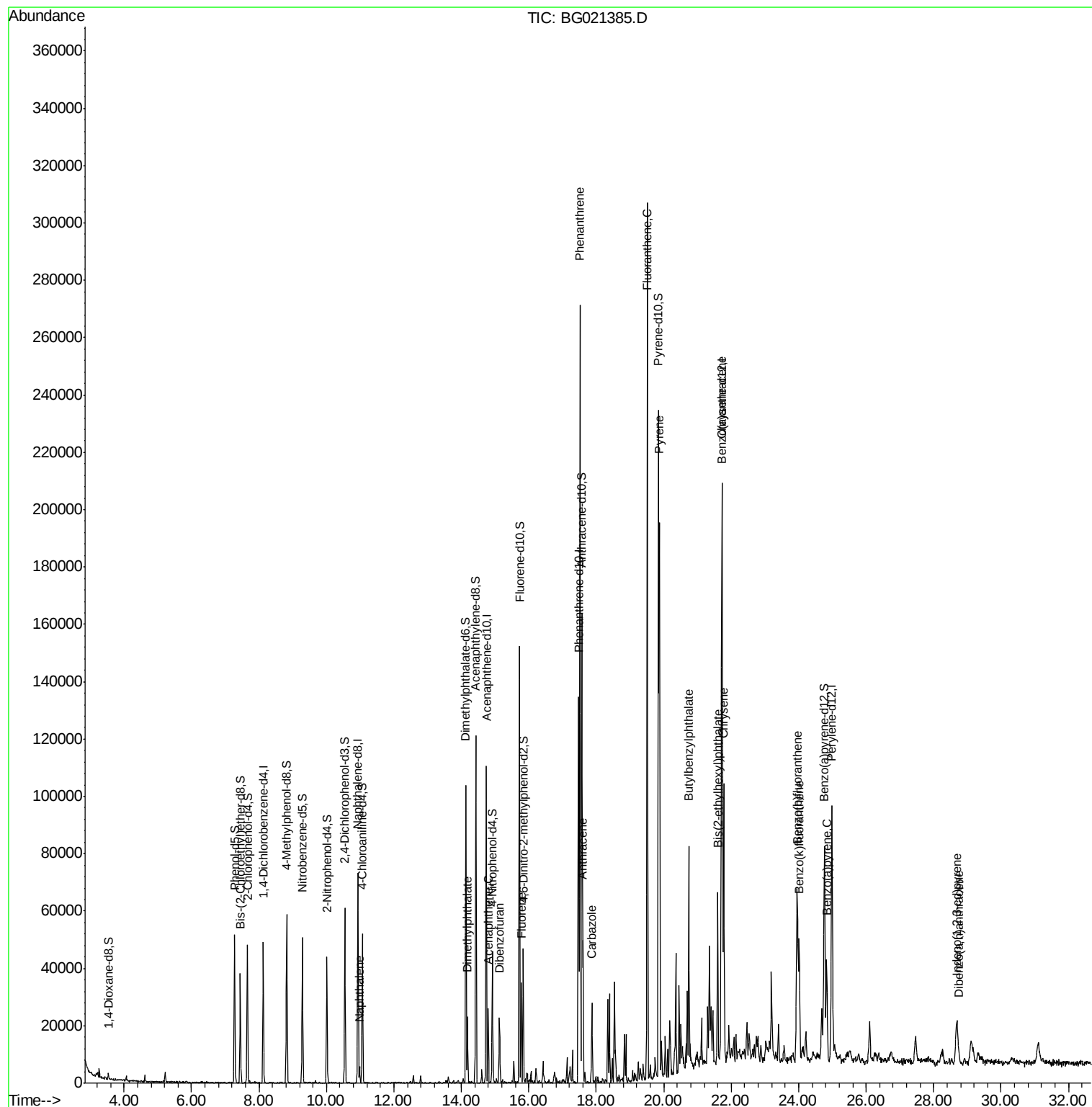
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021385.D
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Operator : UM/SJ
Sample : H1655-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

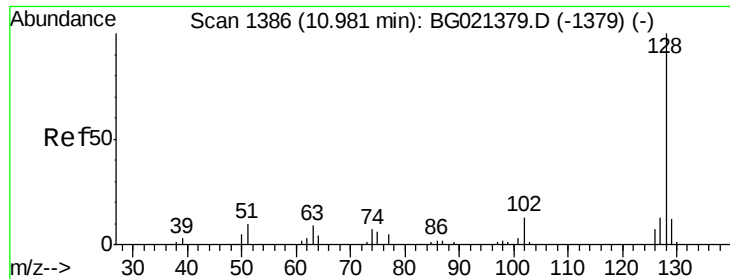
Instrument :
BNA_G
ClientSampleId :
MS-SS-H280

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Quant Time: Mar 09 06:51:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.60 ng/ul

RT: 10.98 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BG021385.D

Acq: 9 Mar 2016 3:05

Instrument :

BNA_G

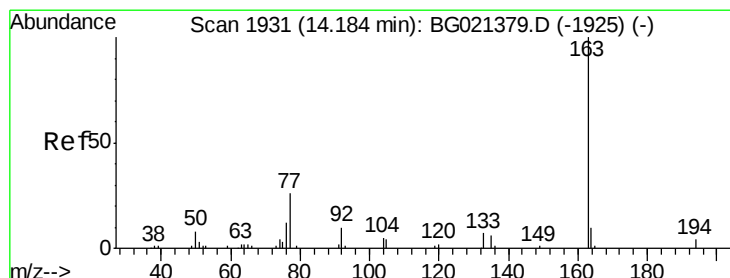
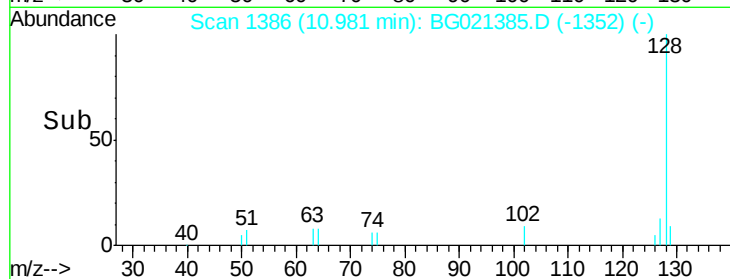
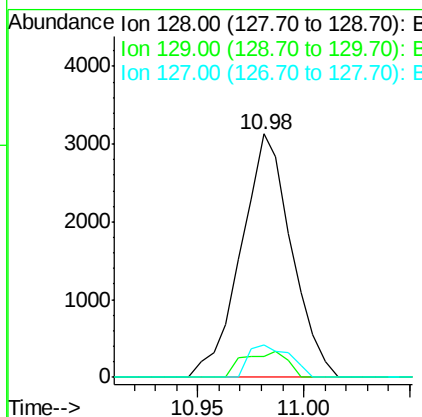
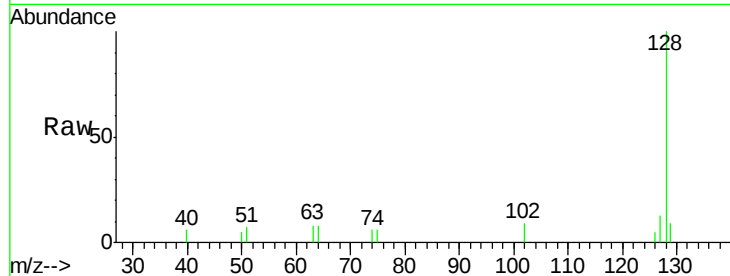
ClientSampleId :

MS-SS-H280

Tgt Ion:	128	Resp:	5168
Ion Ratio	Lower	Upper	
128	100		
129	8.6	8.7	13.1#
127	13.4	10.6	16.0

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#45

Dimethylphthalate

Concen: 4.62 ng/ul

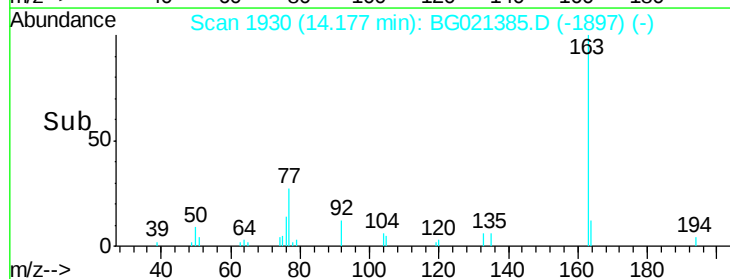
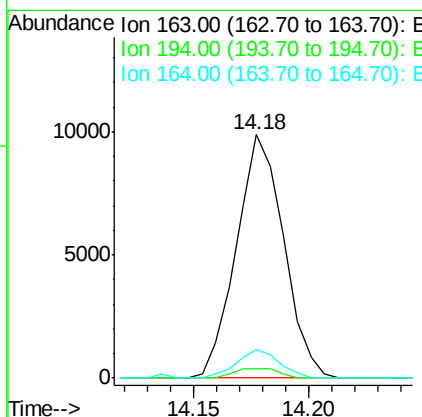
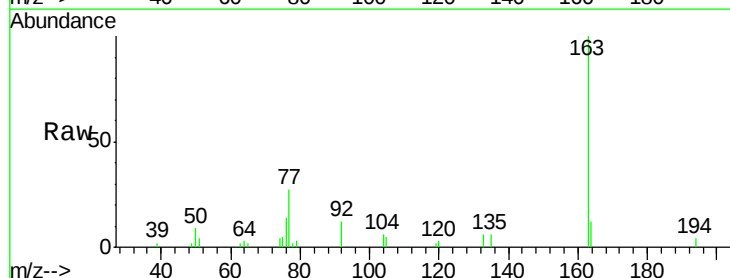
RT: 14.18 min Scan# 1930

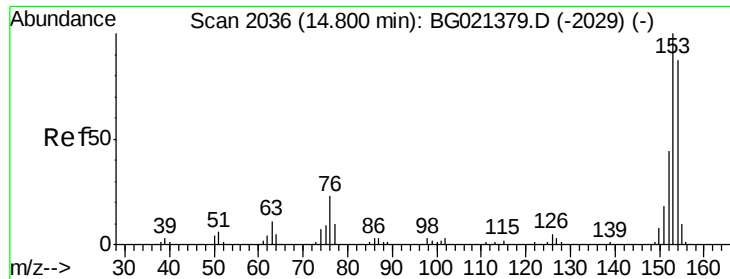
Delta R.T. -0.01 min

Lab File: BG021385.D

Acq: 9 Mar 2016 3:05

Tgt Ion:	163	Resp:	14092
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.8	4.2
164	11.5	8.2	12.2





#50

Acenaphthene

Concen: 4.29 ng/ul

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG021385.D

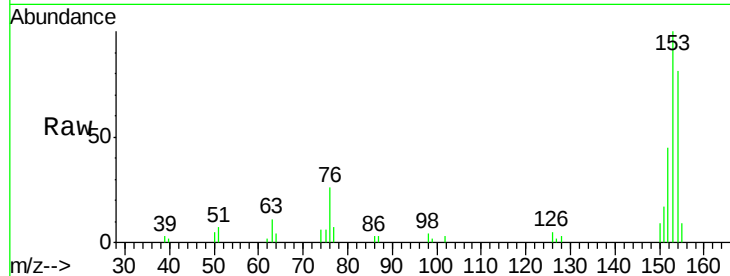
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Instrument :

BNA_G

ClientSampleId :

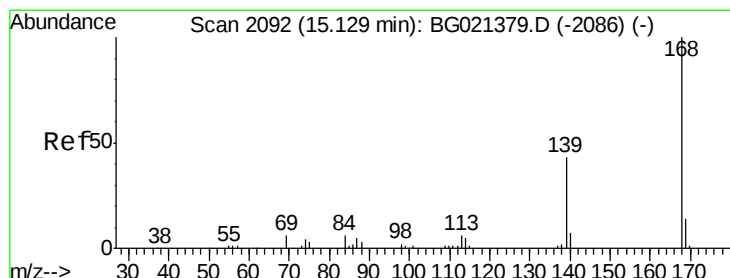
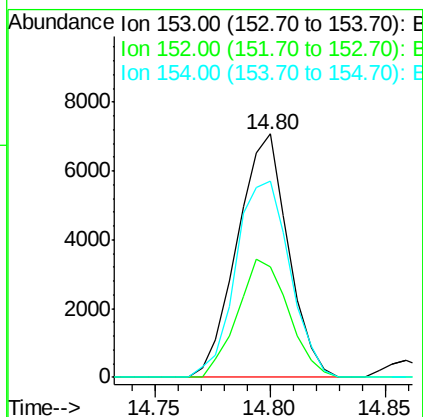
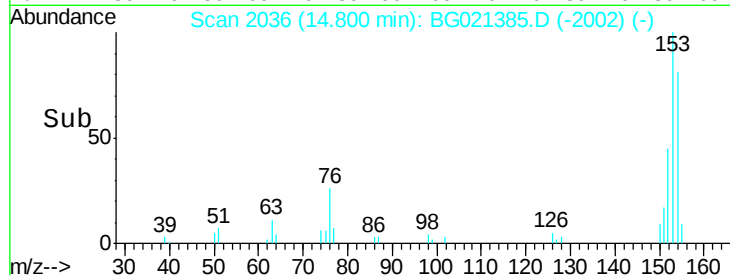
MS-SS-H280



Tgt Ion:	153	Resp:	10864
Ion Ratio	Lower	Upper	
153	100		
152	45.4	39.0	58.6
154	80.7	66.8	100.2

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#54

Dibenzofuran

Concen: 2.76 ng/ul

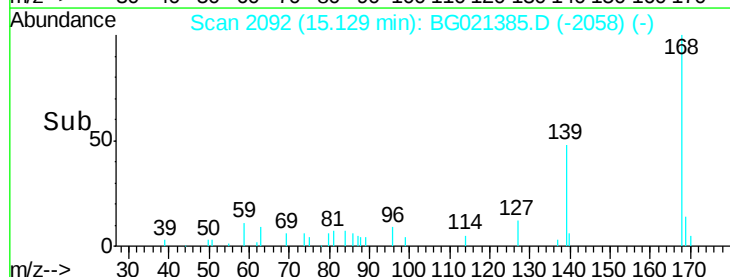
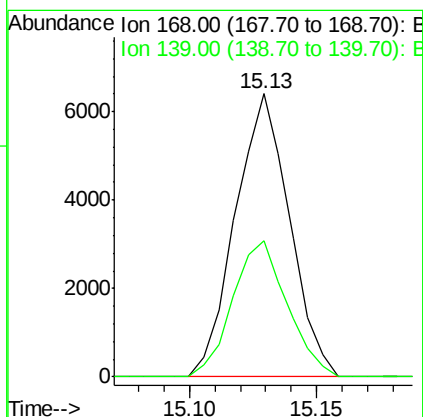
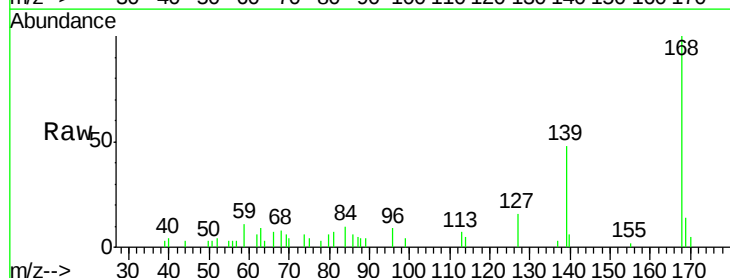
RT: 15.13 min Scan# 2092

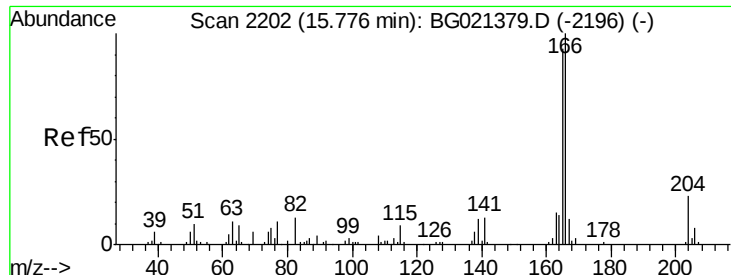
Delta R.T. -0.00 min

Lab File: BG021385.D

Acq: 9 Mar 2016 3:05

Tgt Ion:	168	Resp:	9533
Ion Ratio	Lower	Upper	
168	100		
139	48.1	35.7	53.5





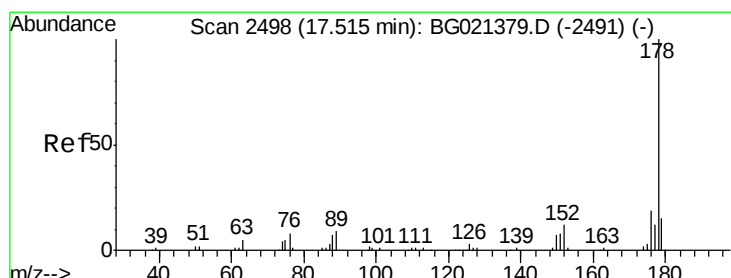
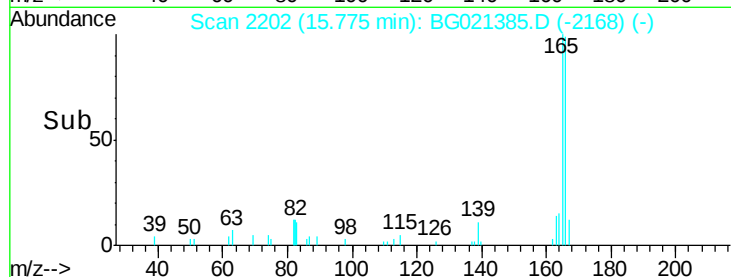
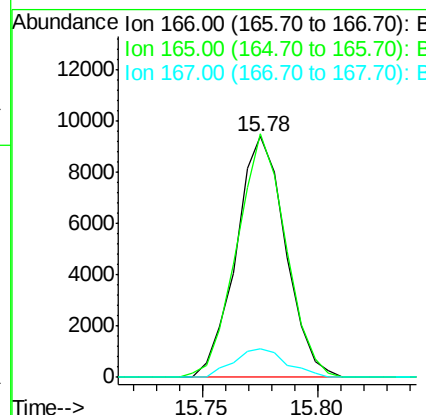
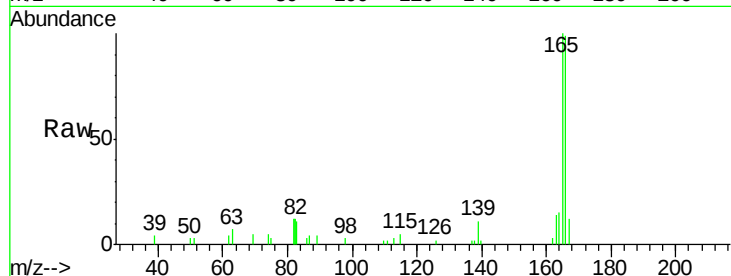
#59
Fluorene
 Concen: 4.63 ng/ul
 RT: 15.78 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG021385.D
 Acq: 9 Mar 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-H280

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	13983		
165	101.2	83.8	125.8	
167	11.8	11.5	17.3	

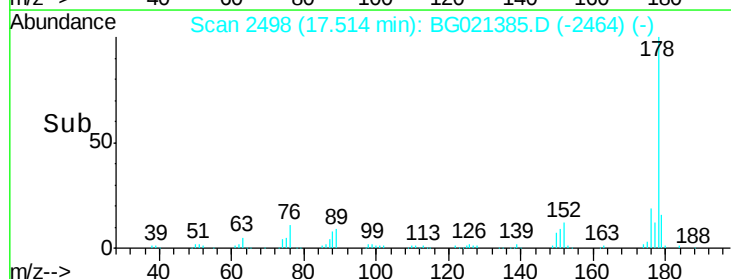
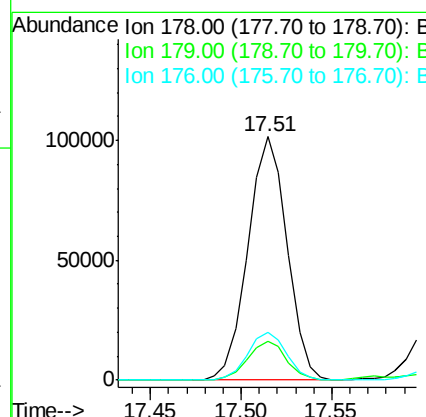
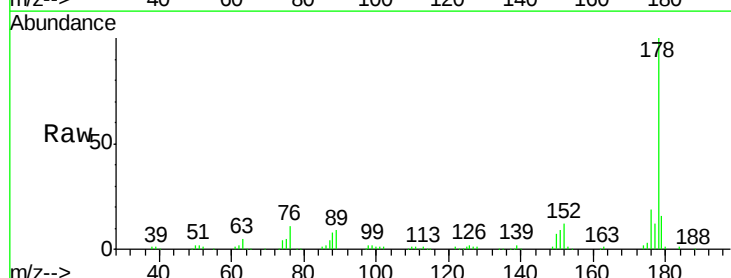
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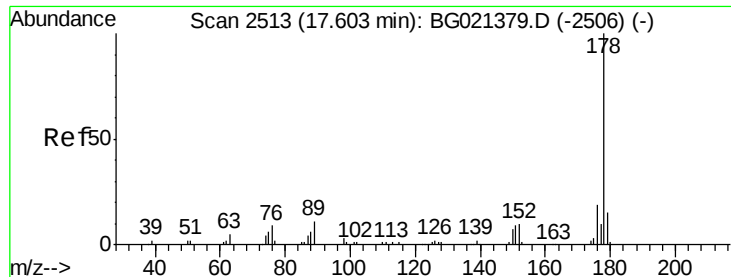
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#70
Phenanthrene
 Concen: 33.17 ng/ul
 RT: 17.51 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG021385.D
 Acq: 9 Mar 2016 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	152137		
179	15.9	12.3	18.5	
176	19.5	15.1	22.7	





#72

Anthracene

Concen: 7.15 ng/ul

RT: 17.60 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG021385.D

Acq: 9 Mar 2016 3:05

Instrument :

BNA_G

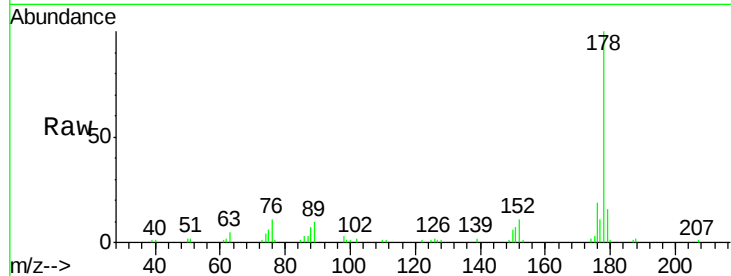
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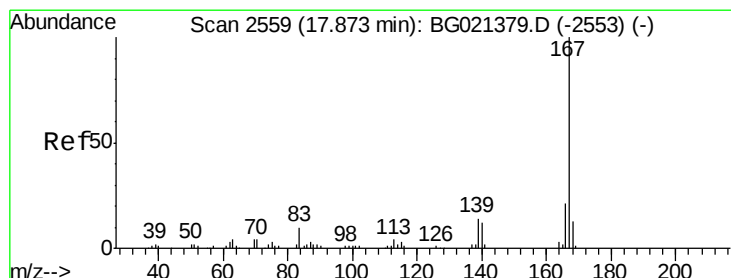
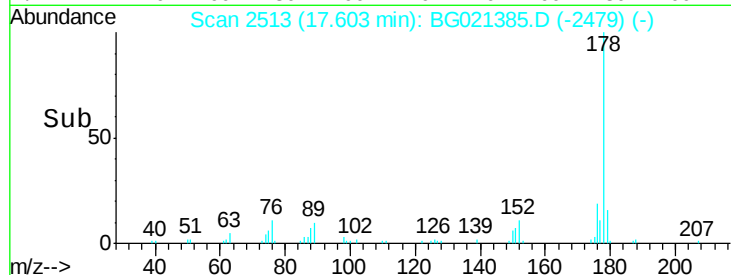
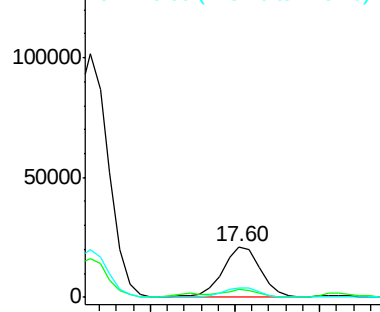
Tgt Ion:	178	Resp:	33299
Ion Ratio	Lower	Upper	
178	100		
179	16.4	11.8	17.8
176	19.5	15.2	22.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 4.08 ng/ul

RT: 17.87 min Scan# 2558

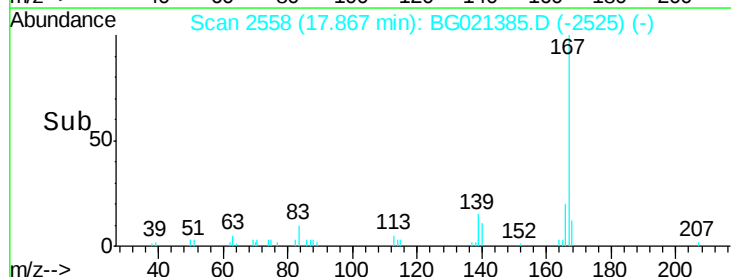
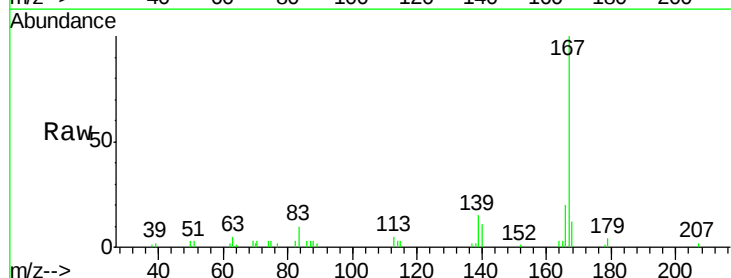
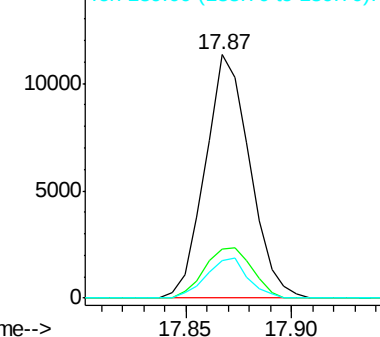
Delta R.T. -0.01 min

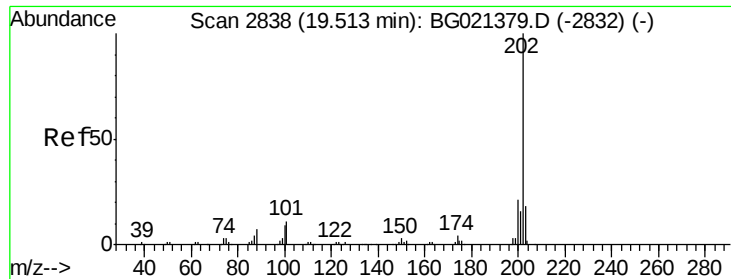
Lab File: BG021385.D

Acq: 9 Mar 2016 3:05

Tgt Ion:	167	Resp:	16605
Ion Ratio	Lower	Upper	
167	100		
166	20.1	17.4	26.0
139	15.3	11.8	17.6

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 32.12 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG021385.D

Acq: 9 Mar 2016 3:05

Instrument :

BNA_G

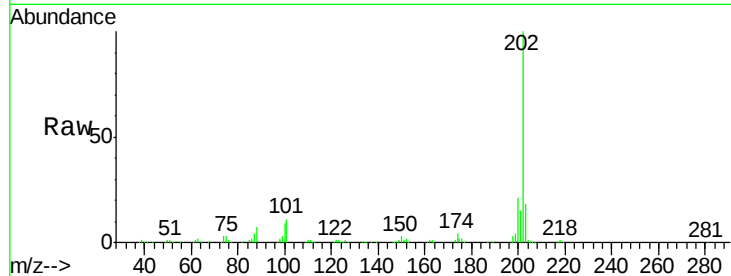
ClientSampleId :

MS-SS-H280

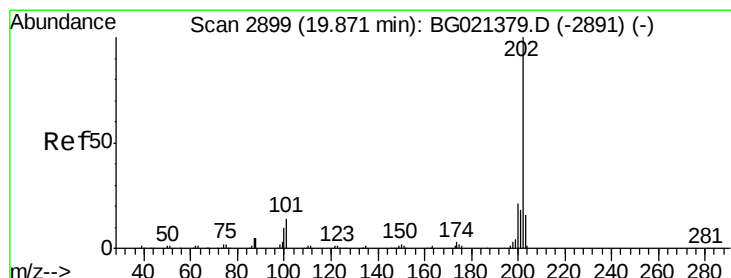
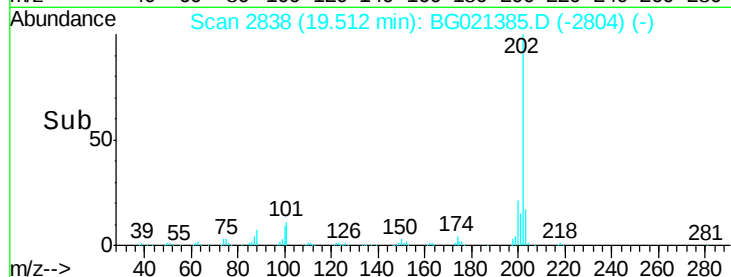
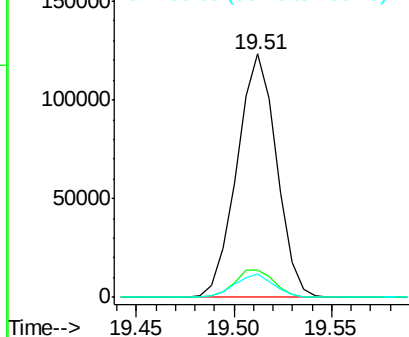
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		173142		
101	11.4	9.9	14.9		
100	9.4	7.4	11.0		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 21.63 ng/ul

RT: 19.87 min Scan# 2899

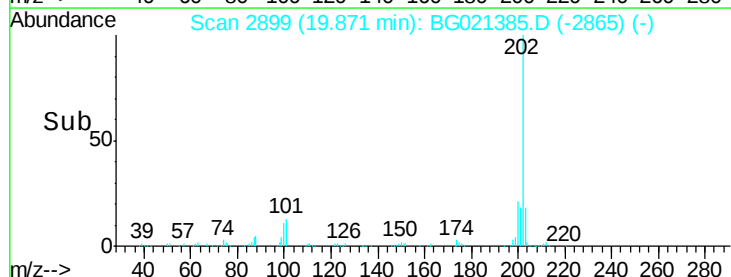
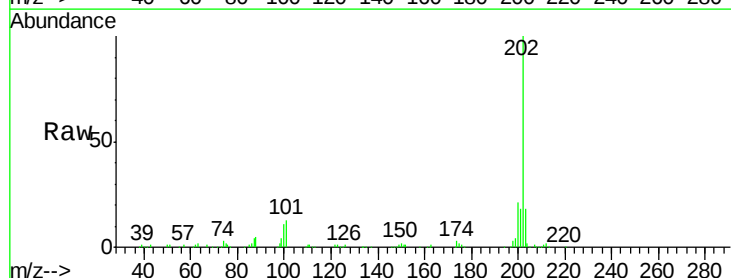
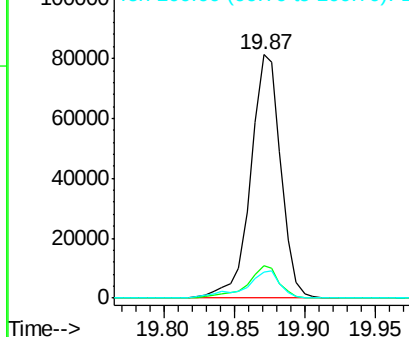
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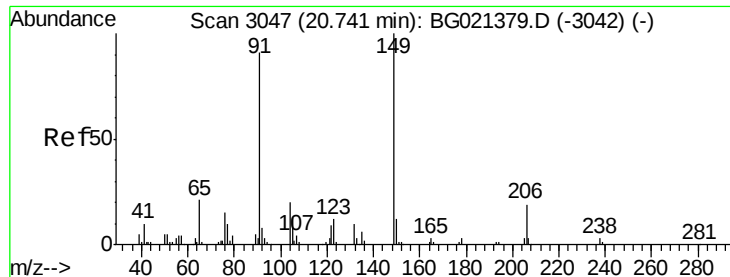
Lab File: BG021385.D

Acq: 9 Mar 2016 3:05

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		121788		
101	13.4	11.0	16.4		
100	10.7	8.1	12.1		

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





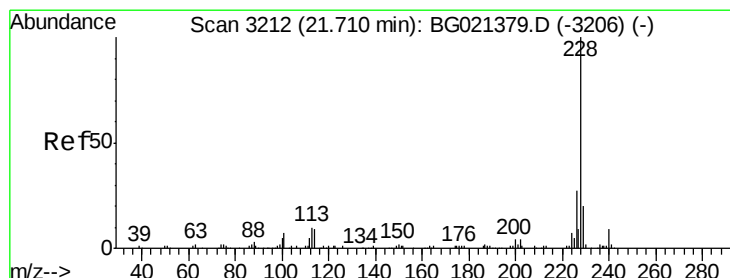
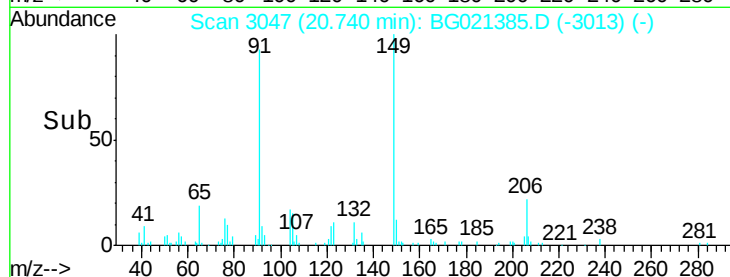
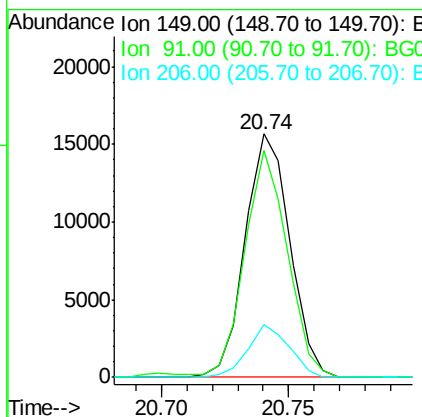
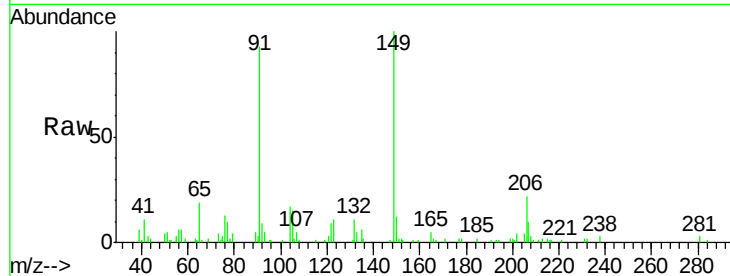
#81
Butylbenzylphthalate
Concen: 7.53 ng/ul
RT: 20.74 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BG021385.D
Acq: 9 Mar 2016 3:05

Instrument :
BNA_G
ClientSampleId :
MS-SS-H280

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	19211		
91	93.0	67.5	101.3	
206	21.6	18.0	27.0	

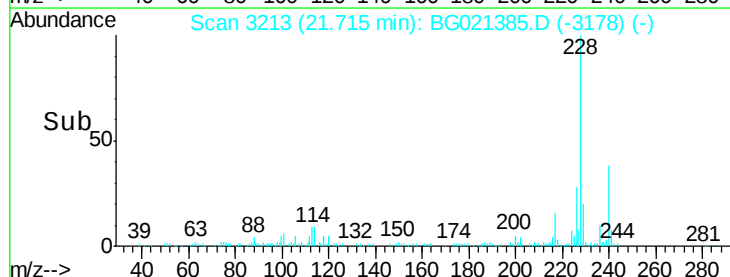
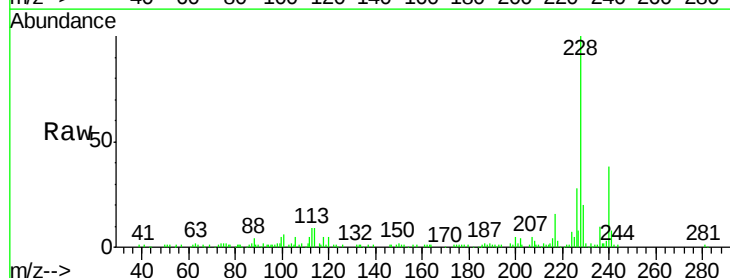
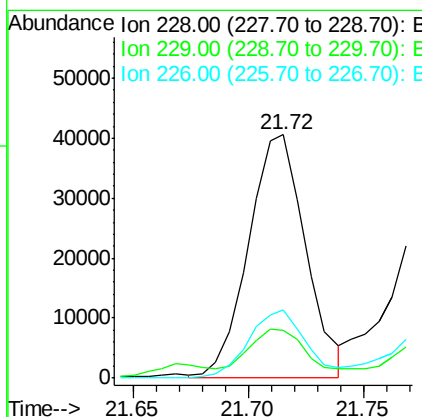
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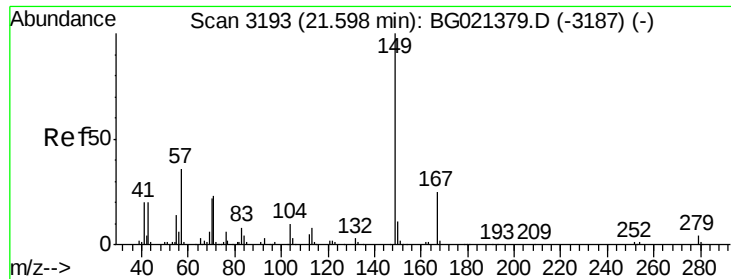
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#83
Benzo(a)anthracene
Concen: 12.88 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BG021385.D
Acq: 9 Mar 2016 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	70190		
229	19.7	15.7	23.5	
226	27.8	21.1	31.7	





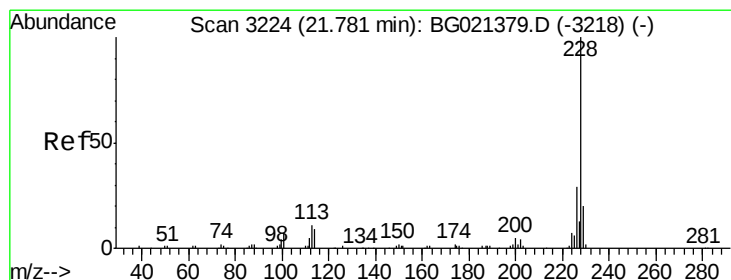
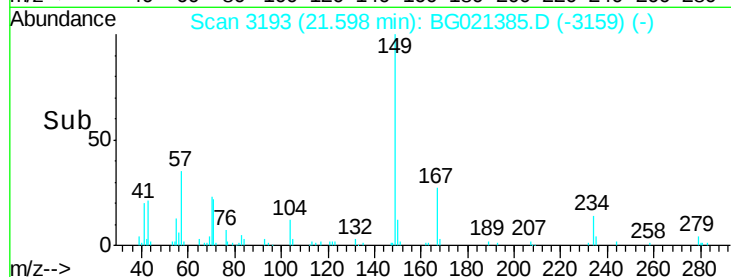
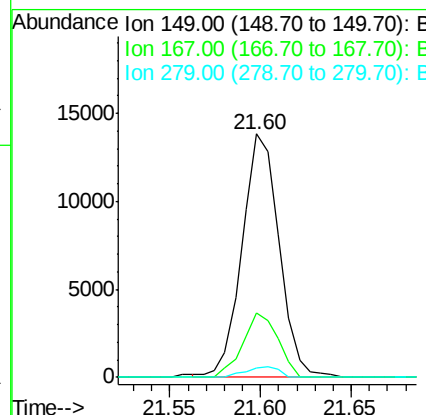
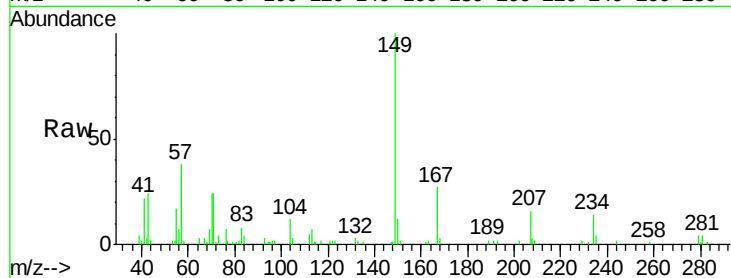
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.20 ng/ul
 RT: 21.60 min Scan# 3193
 Delta R.T. -0.00 min
 Lab File: BG021385.D
 Acq: 9 Mar 2016 3:05

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-H280

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	19705		
167	26.7	21.2	31.8	
279	3.7	3.4	5.0	

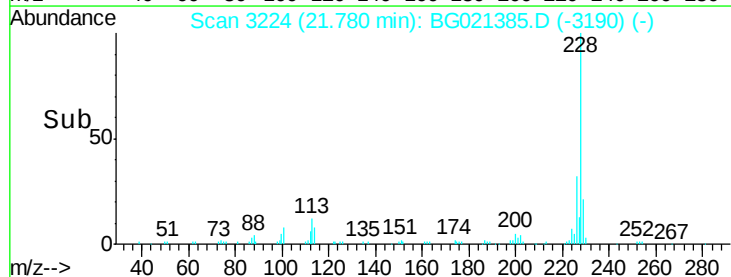
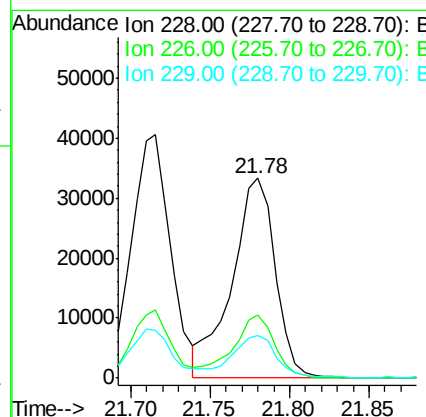
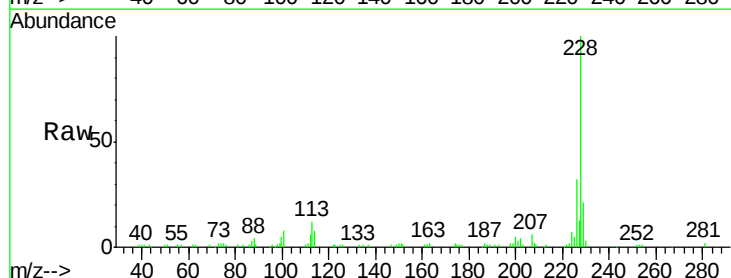
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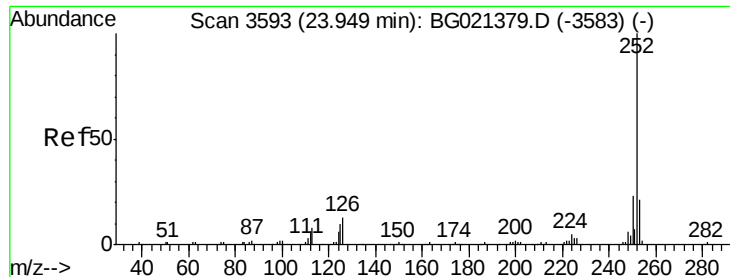
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#85
 Chrysene
 Concen: 12.50 ng/ul
 RT: 21.78 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: BG021385.D
 Acq: 9 Mar 2016 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	63532		
226	31.8	24.5	36.7	
229	21.4	15.8	23.8	





#88

Benzo(b)fluoranthene

Concen: 13.76 ng/ul

RT: 23.95 min Scan# 3593

Delta R.T. -0.00 min

Lab File: BG021385.D

Acq: 9 Mar 2016 3:05

Instrument :

BNA_G

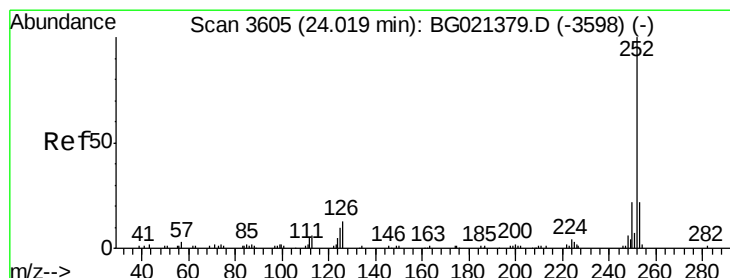
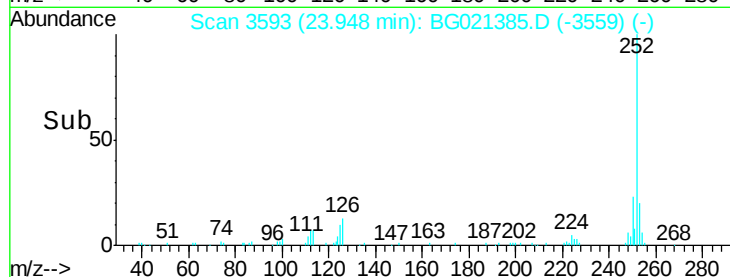
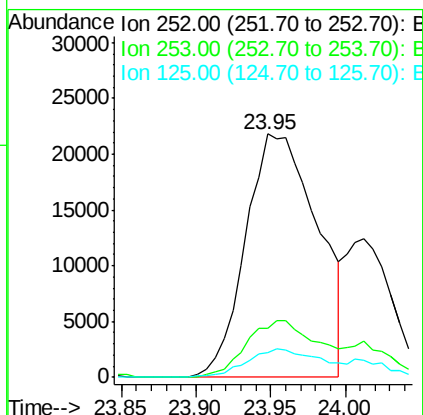
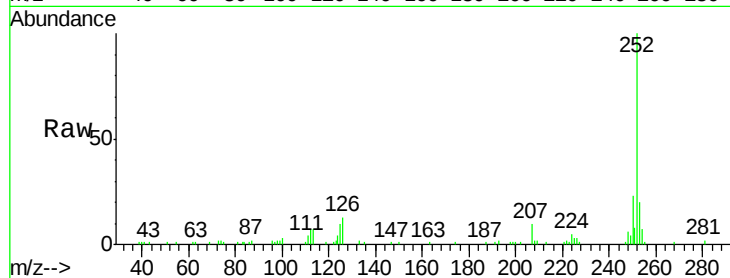
ClientSampleId :

MS-SS-H280

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.0	27.0
125	10.4	8.0	12.0

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#89

Benzo(k)fluoranthene

Concen: 5.12 ng/ul m

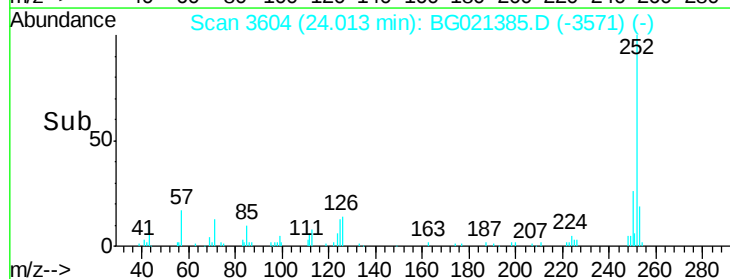
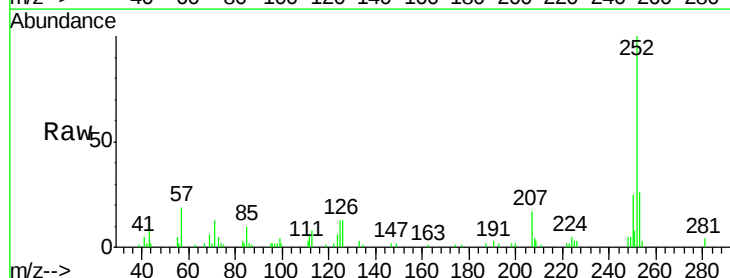
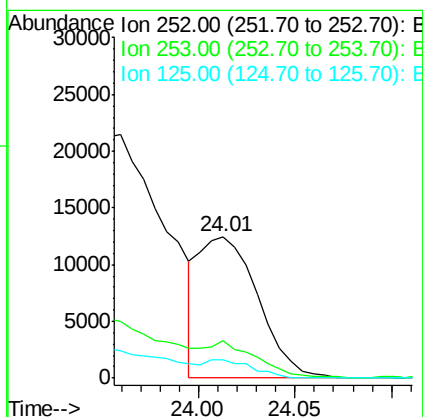
RT: 24.01 min Scan# 3604

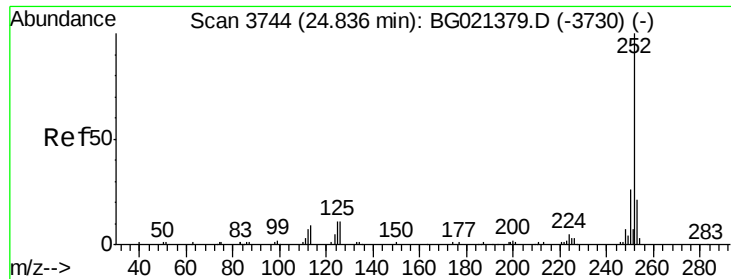
Delta R.T. -0.01 min

Lab File: BG021385.D

Acq: 9 Mar 2016 3:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	12.6	8.1	12.1#





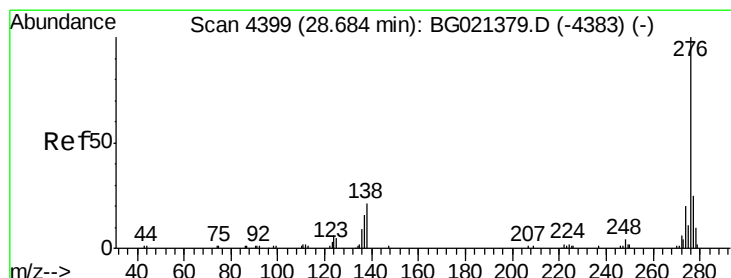
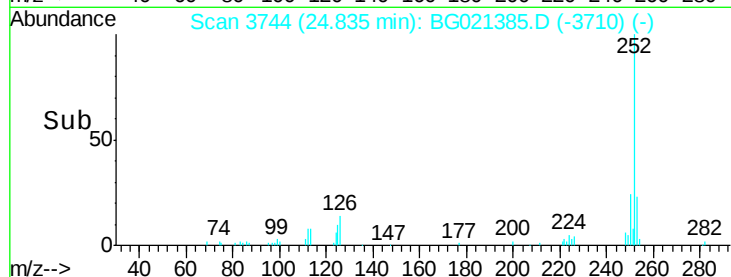
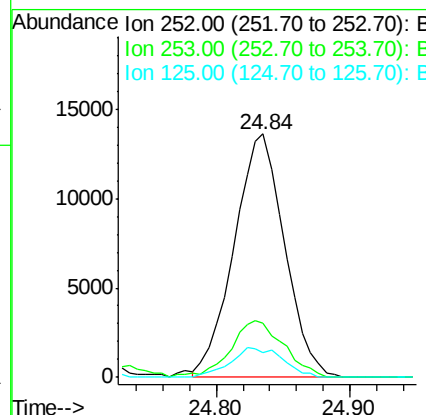
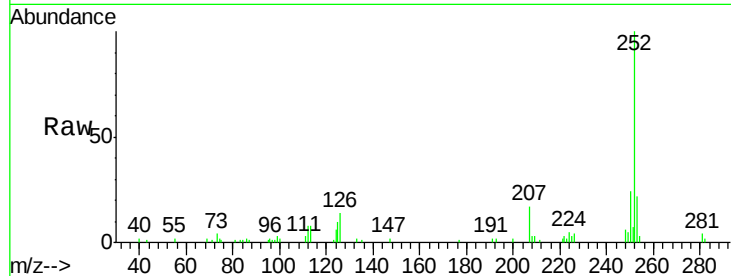
#91
Benzo(a)pyrene
Concen: 6.93 ng/ul
RT: 24.84 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BG021385.D
Acq: 9 Mar 2016 3:05

Instrument :
BNA_G
ClientSampleId :
MS-SS-H280

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	35588		
253	22.5	17.2	25.8	
125	10.3	8.2	12.4	

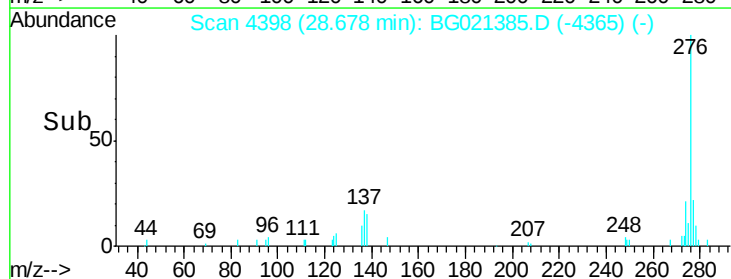
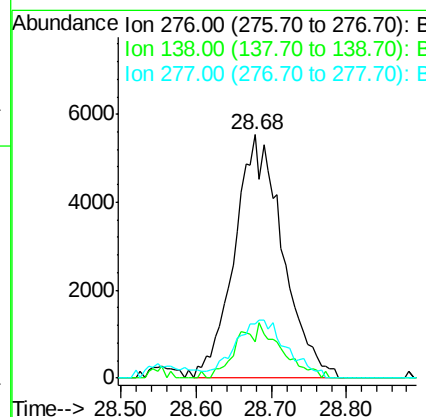
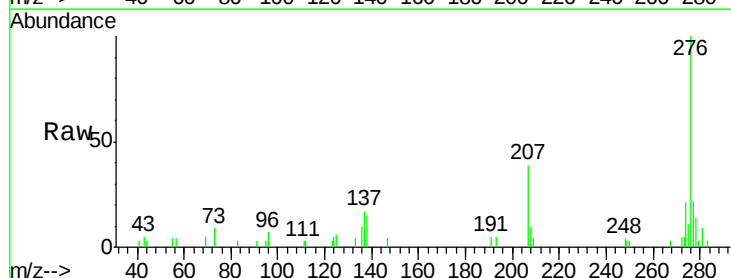
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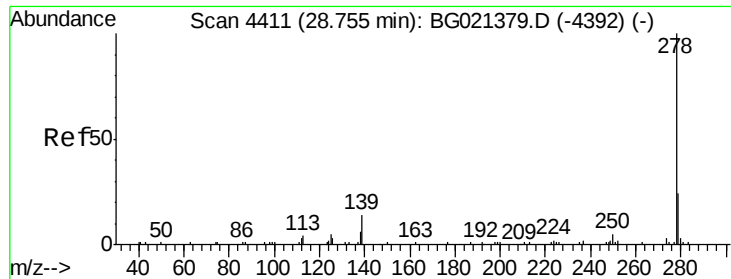
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#92
Indeno(1,2,3-cd)pyrene
Concen: 4.41 ng/ul m
RT: 28.68 min Scan# 4398
Delta R.T. -0.01 min
Lab File: BG021385.D
Acq: 9 Mar 2016 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	24716		
138	15.1	14.4	21.6	
277	22.4	18.0	27.0	





#93

Dibenzo(a,h)anthracene

Concen: 1.73 ng/ul

RT: 28.74 min Scan# 4408

Delta R.T. -0.02 min

Lab File: BG021385.D

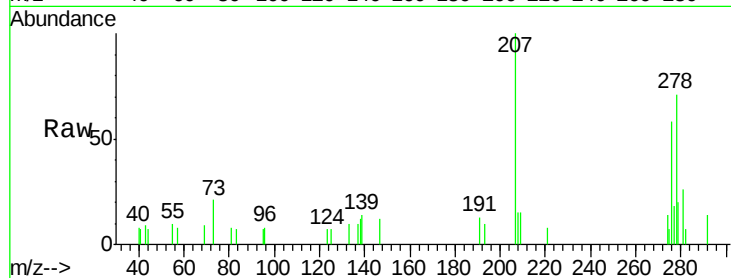
Acq: 9 Mar 2016 3:05

Instrument :

BNA_G

ClientSampleId :

MS-SS-H280



Tgt	Ion	278	Resp:	8329
Ion	Ratio	100	Lower	Upper
278	100			
139	20.3	12.2	18.4	#
279	27.9	19.2	28.8	

Manual Integrations
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3/9/2016 9:28:20 AM

