

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020288.D
 Acq On : 18 Dec 2015 23:28
 Operator : UM/SJ
 Sample : G4768-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N33

Manual Integrations
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Quant Time: Dec 21 10:19:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 00:45:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	72089	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	51295	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	130642	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	174142	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	161371	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	439	1.42	ng/uL	0.00
5) Phenol-d5	7.24	99	11083	7.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	28886	32.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	30884	28.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	20931	16.24	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	20295	36.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	23280	37.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	40823	32.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	2880	2.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	147411	35.53	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	169820	35.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4446	5.97	ng/ul	0.00
58) Fluorene-d10	15.72	176	133801	35.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	23028	29.73	ng/ul	0.00
71) Anthracene-d10	17.57	188	214881	35.70	ng/ul	0.00
79) Pyrene-d10	19.85	212	261561	32.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	290391	36.08	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.96	128	35084	9.32	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	31438	10.93	ng/ul	95
41) 1,1'-Biphenyl	13.56	154	15385	3.98	ng/ul#	97
50) Acenaphthene	14.79	153	87240	25.28	ng/ul	100
54) Dibenzofuran	15.12	168	73102	14.24	ng/ul	97
59) Fluorene	15.77	166	89505	21.71	ng/ul	97
70) Phenanthrene	17.51	178	323999	45.34	ng/ul	100
72) Anthracene	17.60	178	28447m	3.92	ng/ul	
75) Carbazole	17.87	167	6968	1.14	ng/ul#	94
77) Fluoranthene	19.52	202	136211	16.31	ng/ul	99
80) Pyrene	19.88	202	81840	7.76	ng/ul	98

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

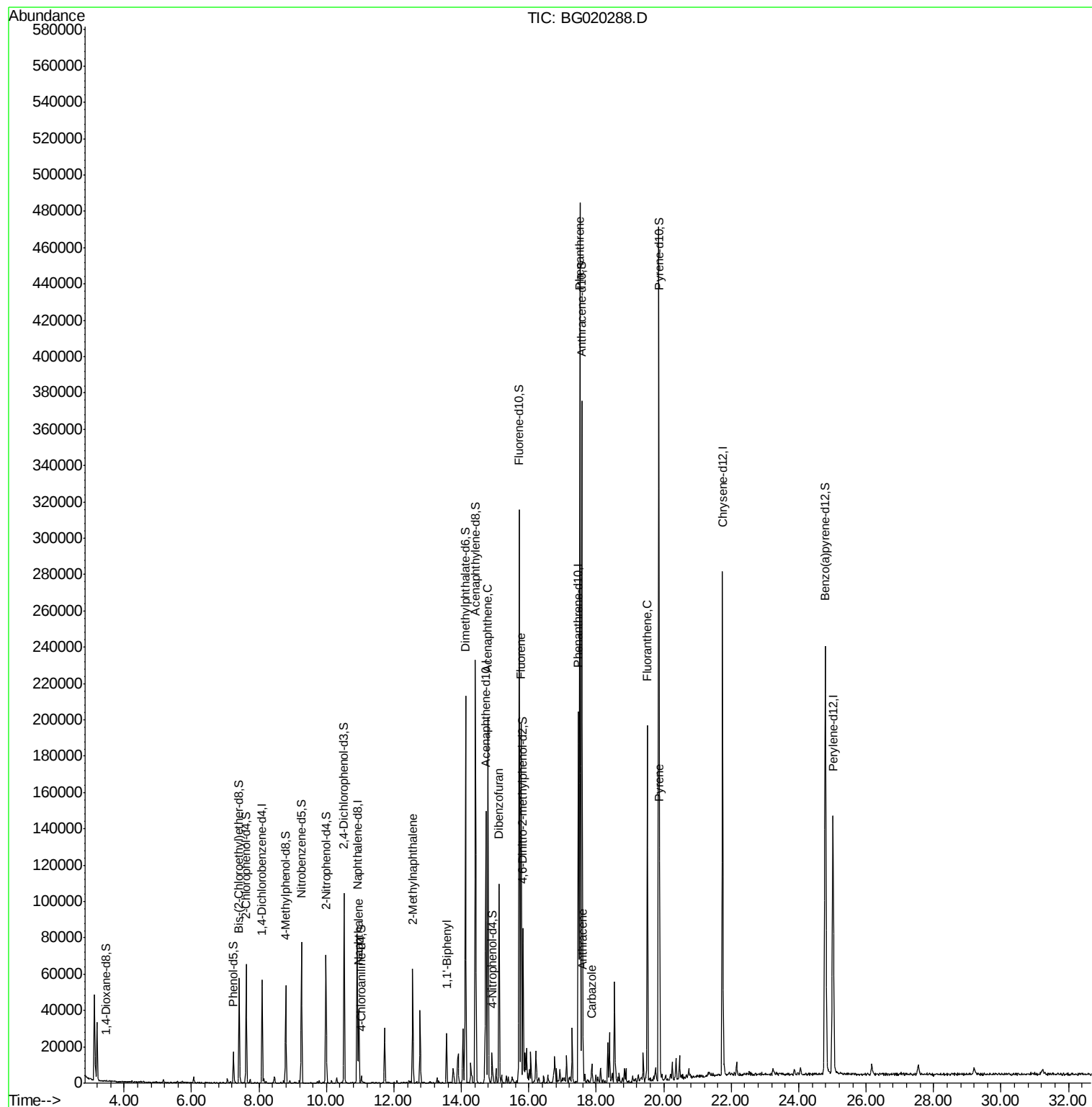
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
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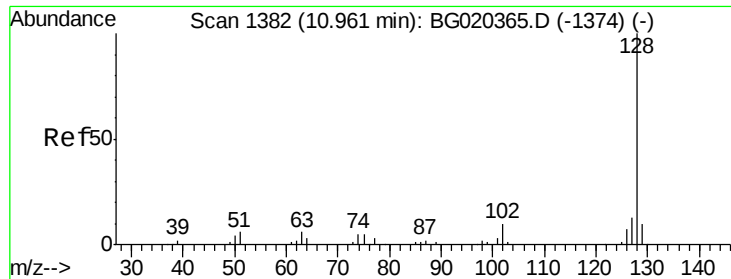
Instrument :
BNA_G
ClientSampleId :
D9N33

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Quant Time: Dec 21 10:19:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





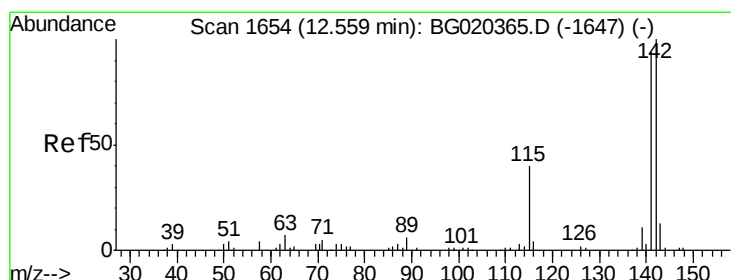
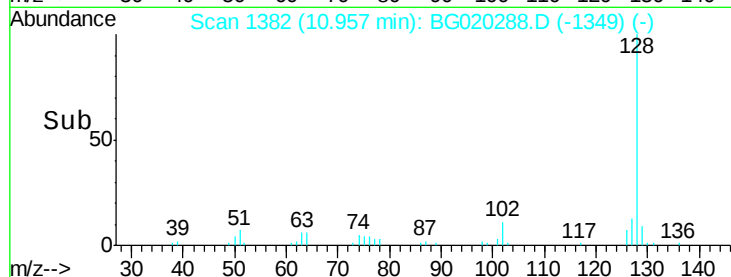
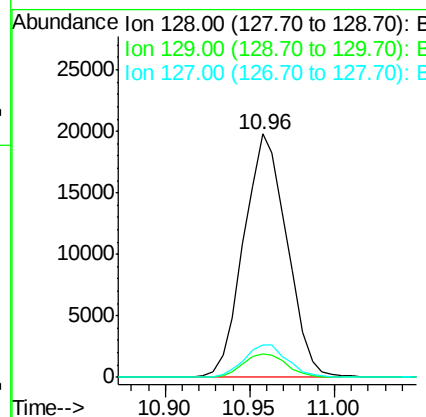
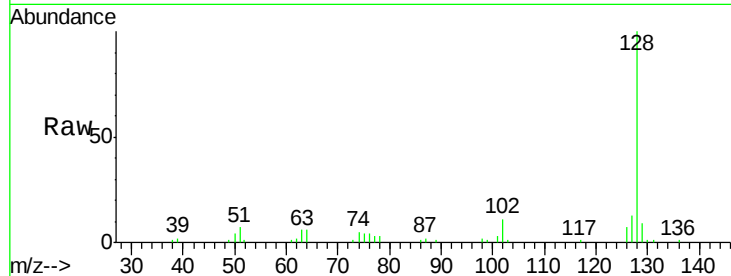
#28
Naphthalene
Concen: 9.32 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG020288.D
Acq: 18 Dec 2015 23:28

Instrument :
BNA_G
ClientSampleId :
D9N33

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.6	12.8
127	13.1	10.1	15.1

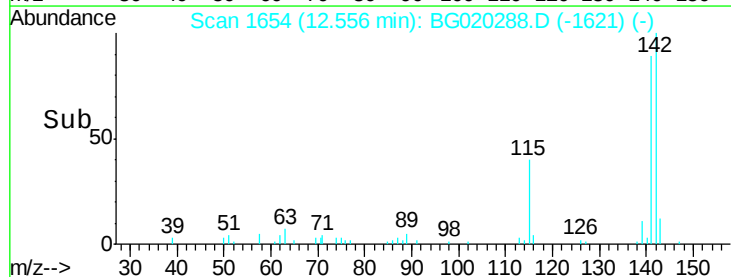
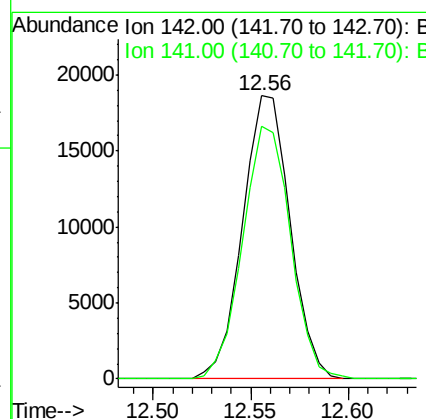
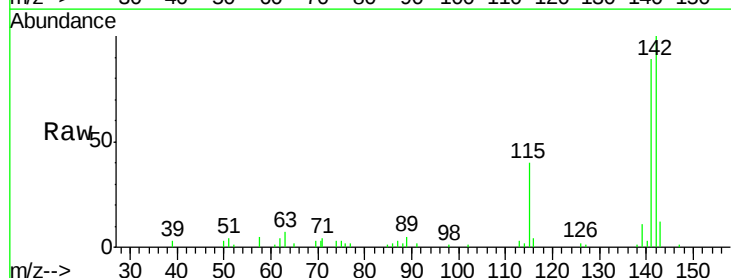
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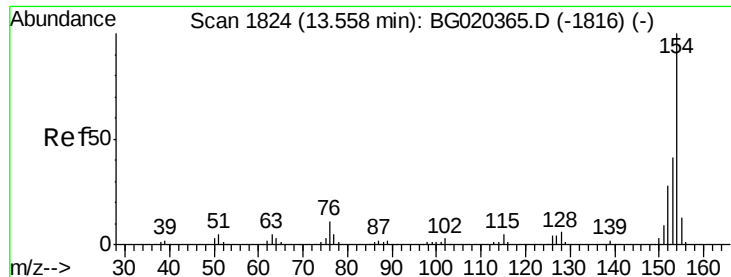
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#34
2-Methylnaphthalene
Concen: 10.93 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG020288.D
Acq: 18 Dec 2015 23:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.9	112.3





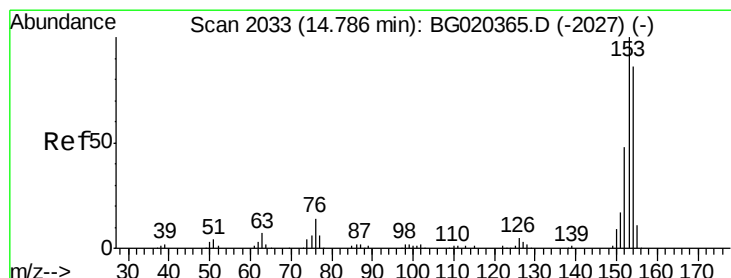
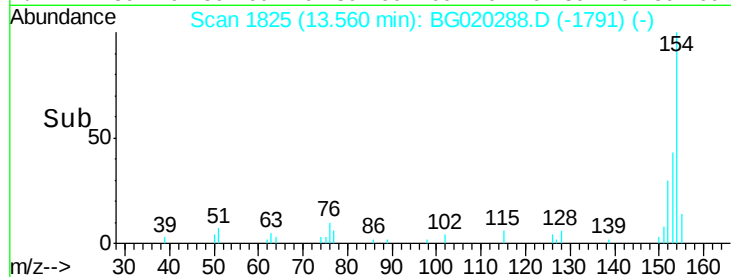
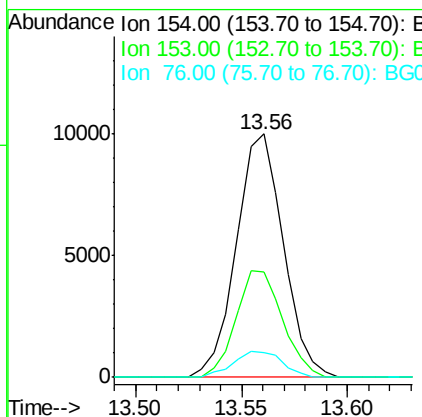
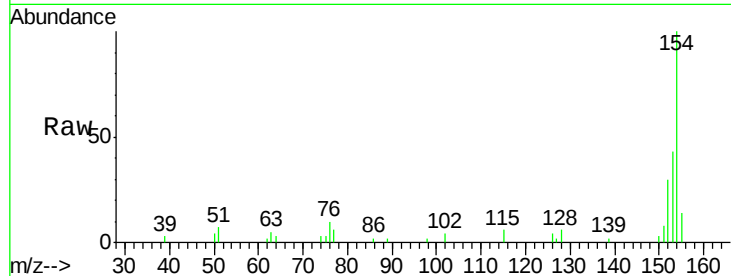
#41
 1,1'-Biphenyl
 Concen: 3.98 ng/ul
 RT: 13.56 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG020288.D
 Acq: 18 Dec 2015 23:28

Instrument :
 BNA_G
 ClientSampleID :
 D9N33

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.2	35.5	53.3
76	9.9	10.4	15.6

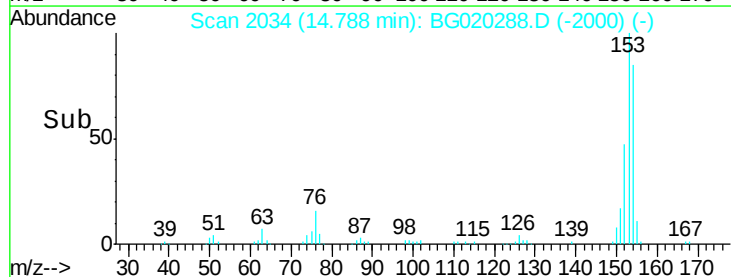
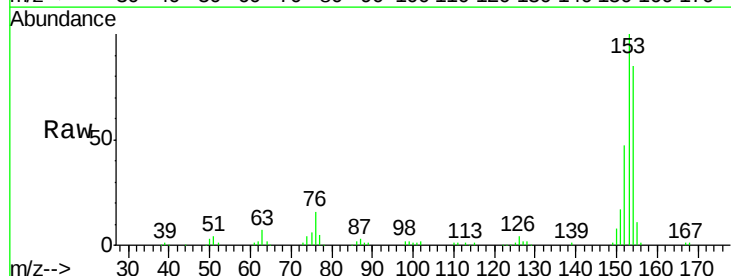
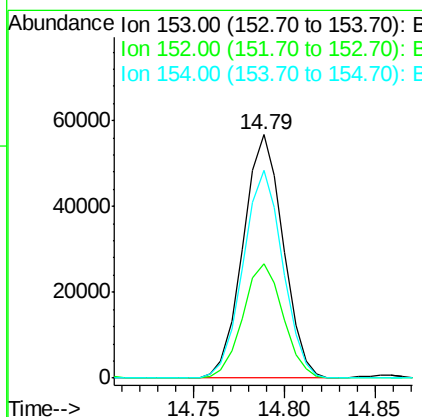
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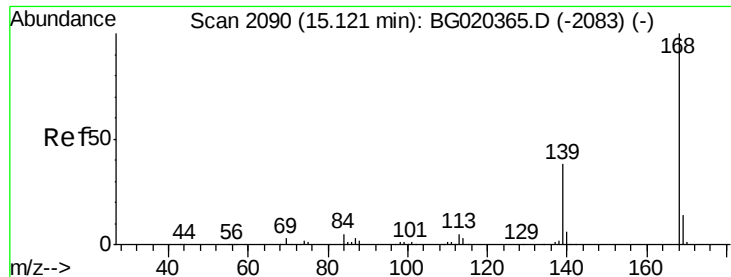
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#50
 Acenaphthene
 Concen: 25.28 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG020288.D
 Acq: 18 Dec 2015 23:28

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.6	56.4
154	85.3	67.9	101.9





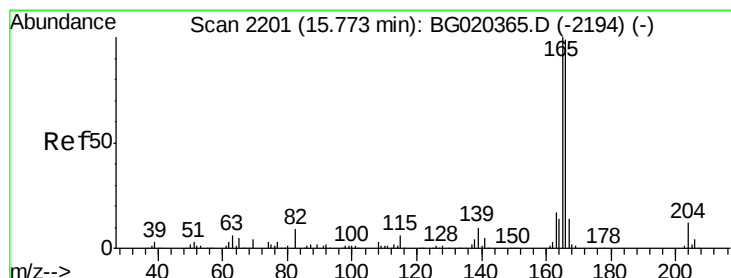
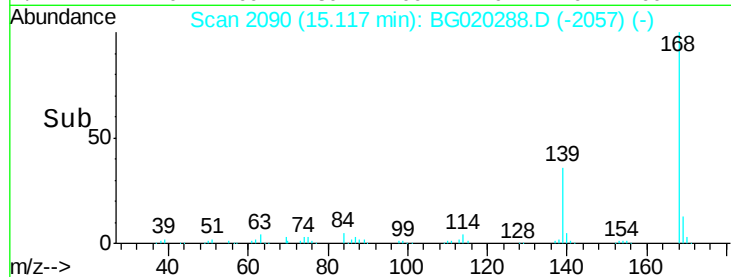
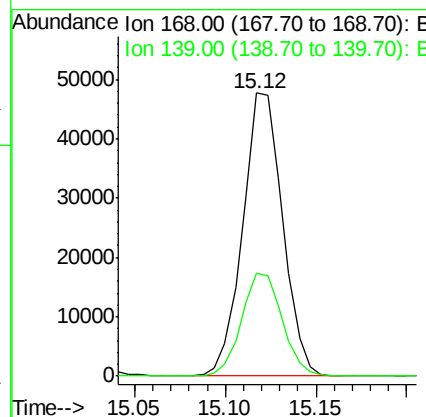
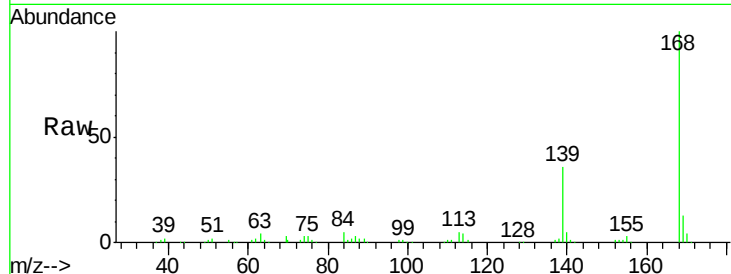
#54
Dibenzenofuran
Concen: 14.24 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG020288.D
Acq: 18 Dec 2015 23:28

Instrument :
BNA_G
ClientSampleId :
D9N33

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.5	45.7

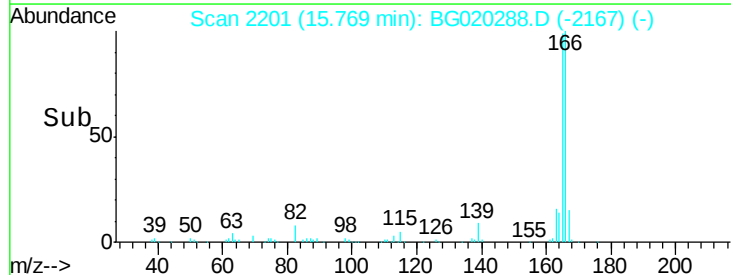
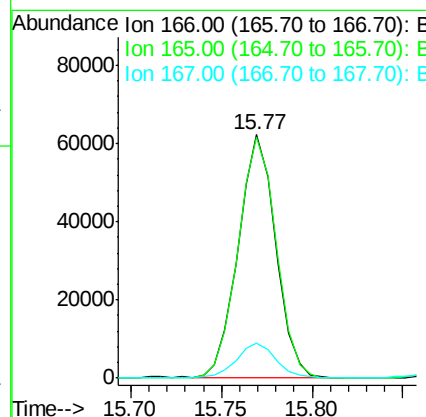
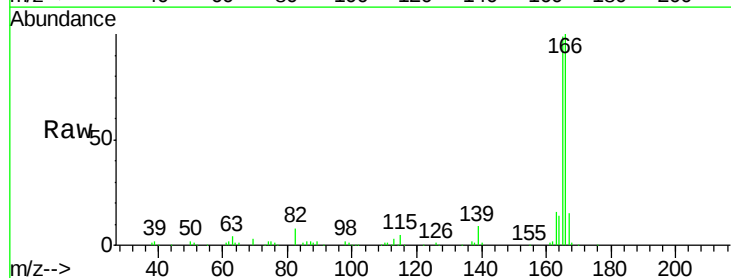
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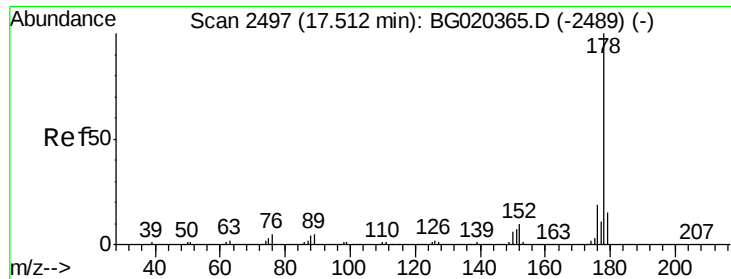
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#59
Fluorene
Concen: 21.71 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020288.D
Acq: 18 Dec 2015 23:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.4	122.0
167	14.5	11.2	16.8





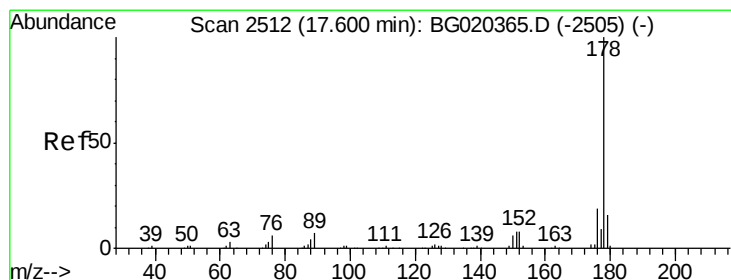
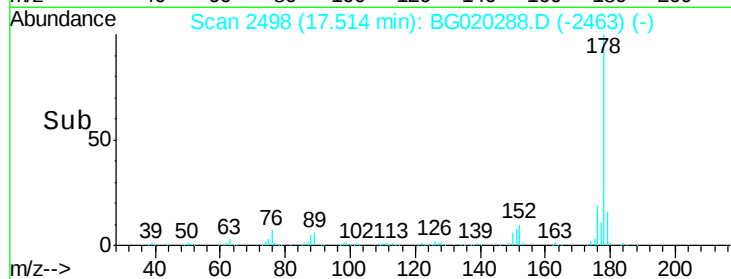
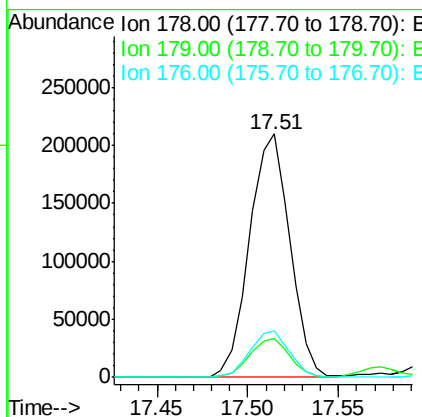
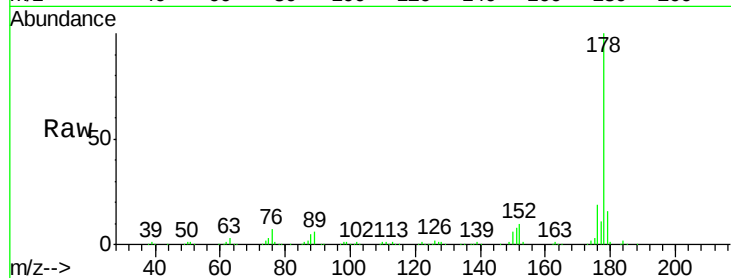
#70
Phenanthrene
Concen: 45.34 ng/ul
RT: 17.51 min Scan# 2498
Delta R.T. 0.01 min
Lab File: BG020288.D
Acq: 18 Dec 2015 23:28

Instrument :
BNA_G
ClientSampleId :
D9N33

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.3	15.3	22.9

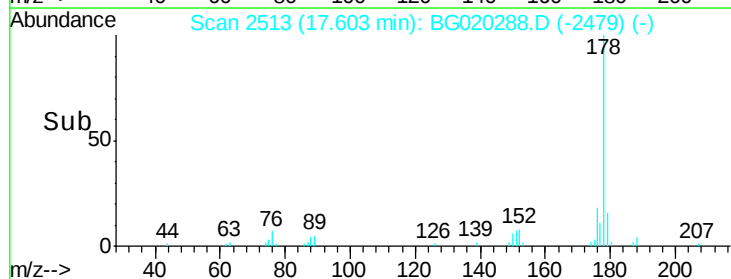
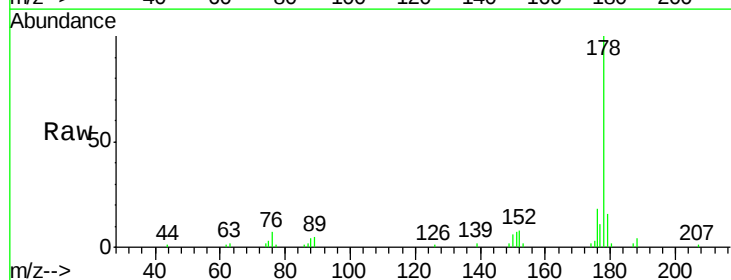
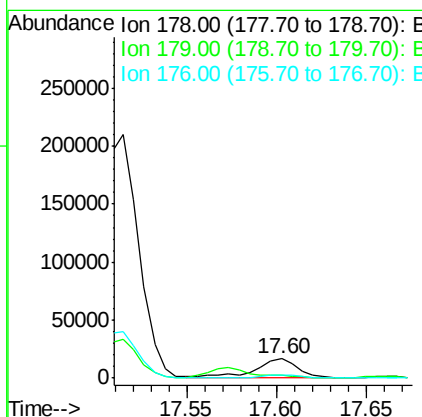
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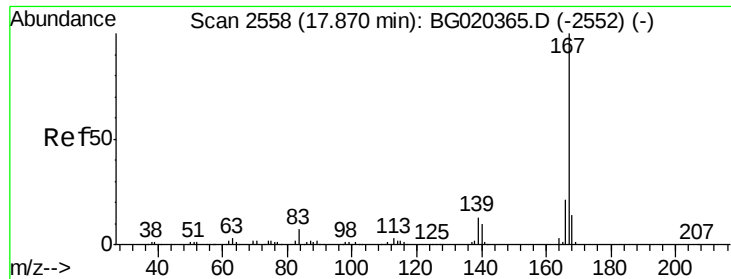
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#72
Anthracene
Concen: 3.92 ng/ul m
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG020288.D
Acq: 18 Dec 2015 23:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	17.6	14.3	21.5





#75

Carbazole

Concen: 1.14 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BG020288.D

Acq: 18 Dec 2015 23:28

Instrument :

BNA_G

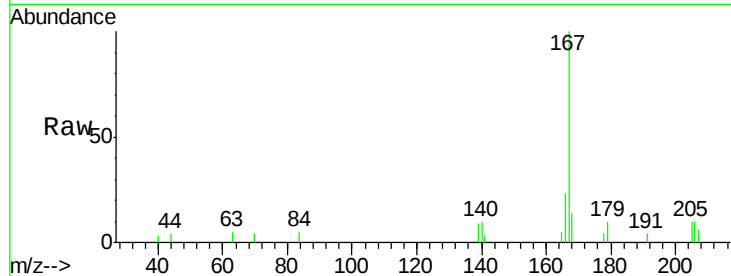
ClientSampleId :

D9N33

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.0	25.6
139	8.8	10.1	15.1

Manual Integrations
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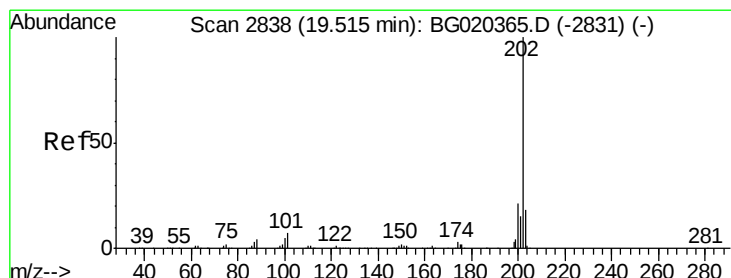
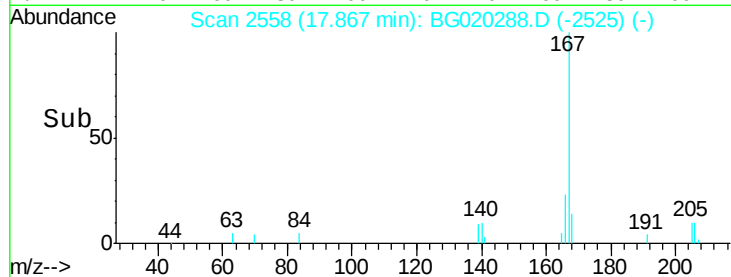
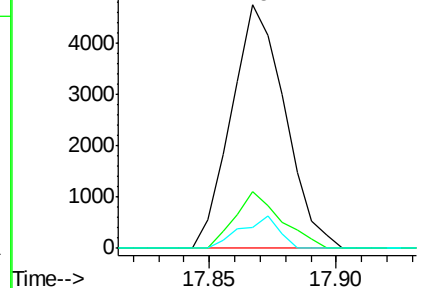
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 16.31 ng/ul

RT: 19.52 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG020288.D

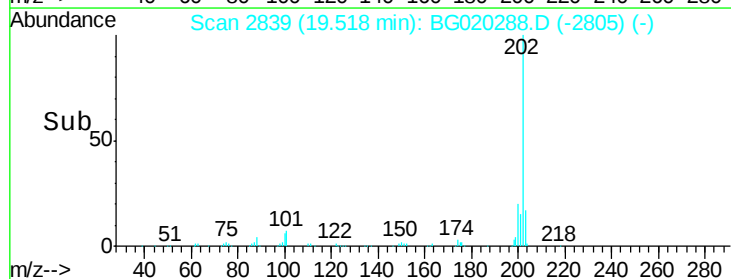
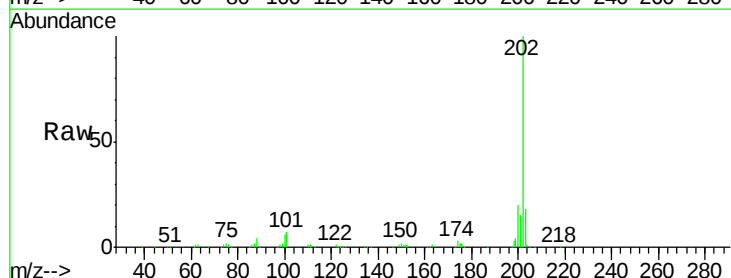
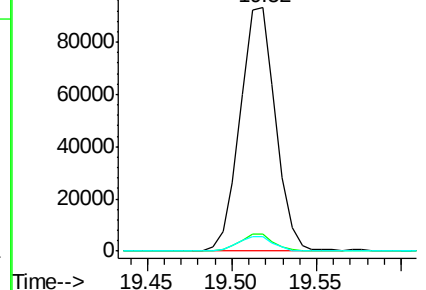
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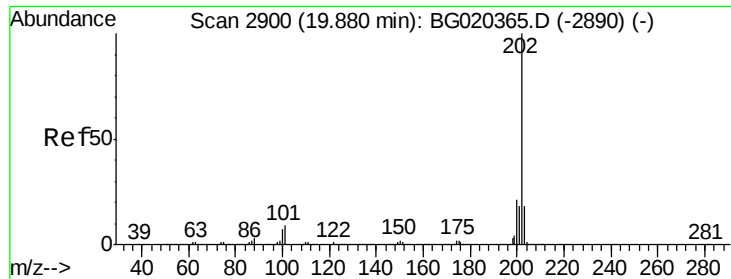
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.2	9.4
100	6.0	5.1	7.7

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): E





#80
 Pvrene
 Concen: 7.76 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. -0.01 min
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 Acq: 18 Dec 2015 23:28

Instrument :
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Tot Ion:	202	Resp:	81840
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.0	10.4
100	7.2	6.4	9.6

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