

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020440.D
 Acq On : 23 Dec 2015 12:51
 Operator : UM/SJ
 Sample : G4768-17DL 30X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

Manual Integrations
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Quant Time: Dec 23 16:05:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 05:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	20477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	91197	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.72	164	64756	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	167540m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	210764	20.00	ng/ul	-0.01
86) Perylene-d12	25.00	264	196837	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	274	0.15	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.40	67	1108	1.03	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.62	132	1126	0.86	ng/ul	-0.01
13) 4-Methylphenol-d8	8.80	113	766	0.50	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	536	0.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	697	0.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	1418	0.88	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	6794	1.30	ng/ul	-0.01
47) Acenaphthylene-d8	14.41	160	8162	1.34	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	6605	1.39	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.83	200	126	0.13	ng/ul	0.00
71) Anthracene-d10	17.56	188	11104	1.44	ng/ul	-0.01
79) Pyrene-d10	19.84	212	11939	1.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	11520	1.17	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.95	128	155401	32.63	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	20103	5.53	ng/ul	100
41) 1,1'-Biphenyl	13.55	154	8367	1.71	ng/ul	97
50) Acenaphthene	14.78	153	42126	9.67	ng/ul	100
54) Dibenzofuran	15.11	168	29812	4.60	ng/ul	96
59) Fluorene	15.76	166	24980	4.80	ng/ul	96
70) Phenanthrene	17.50	178	63654m	6.95	ng/ul	
75) Carbazole	17.86	167	47628	6.10	ng/ul	99
77) Fluoranthene	19.51	202	13283	1.24	ng/ul	97

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

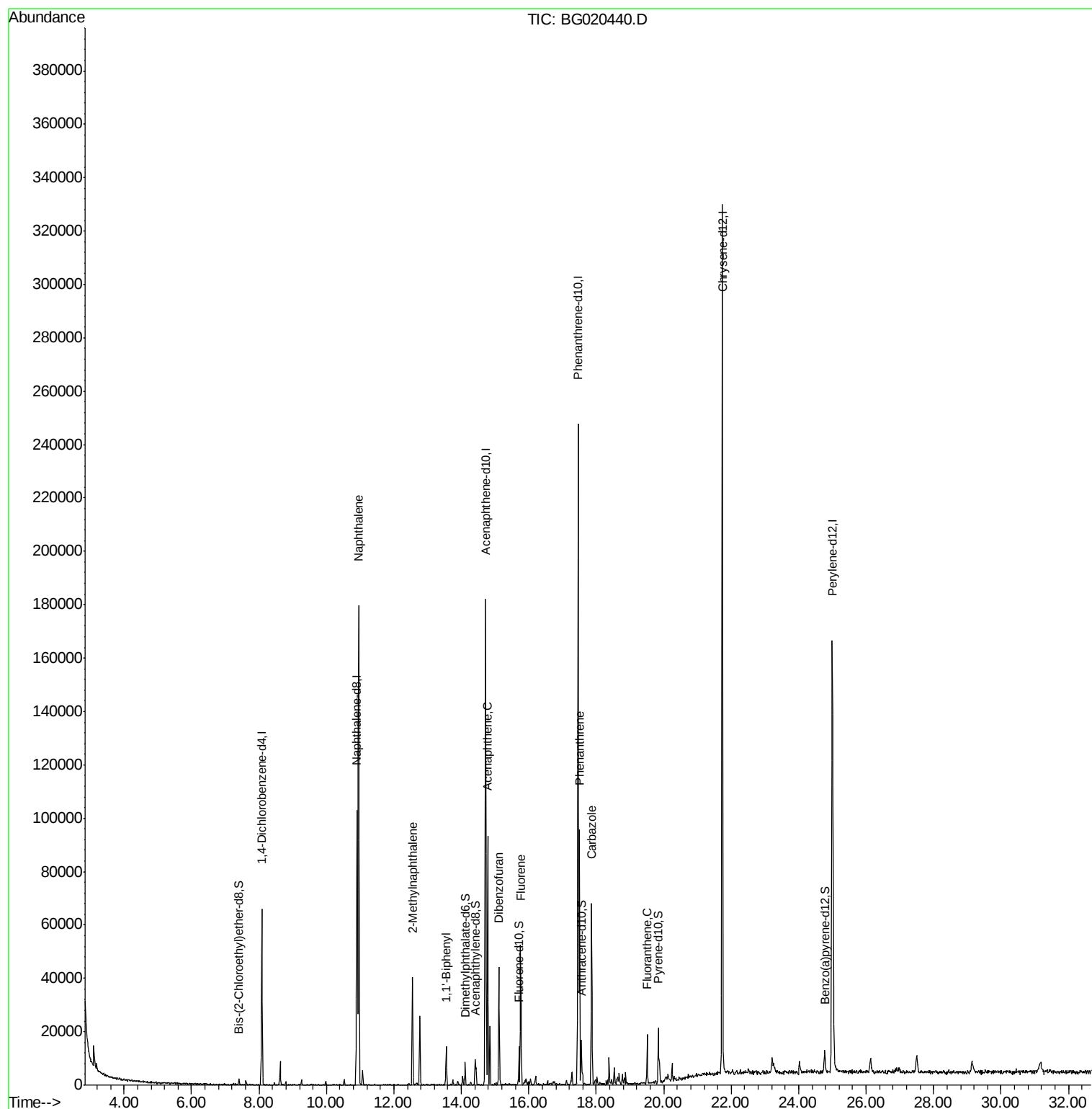
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020440.D
Acq On : 23 Dec 2015 12:51
Operator : UM/SJ
Sample : G4768-17DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

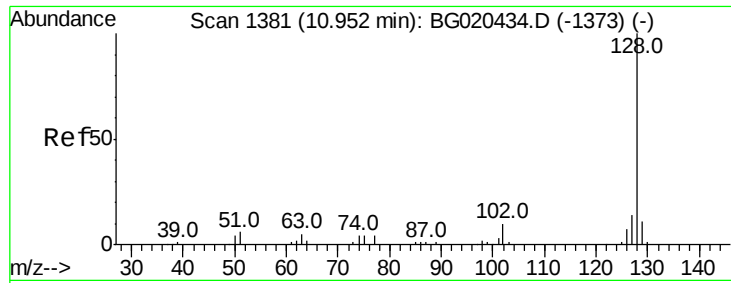
Instrument :
BNA_G
ClientSampleId :
D9N41DL

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Quant Time: Dec 23 16:05:11 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 32.63 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BG020440.D

Acq: 23 Dec 2015 12:51

Instrument :

BNA_G

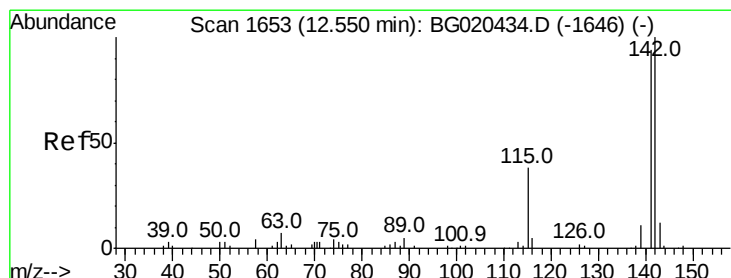
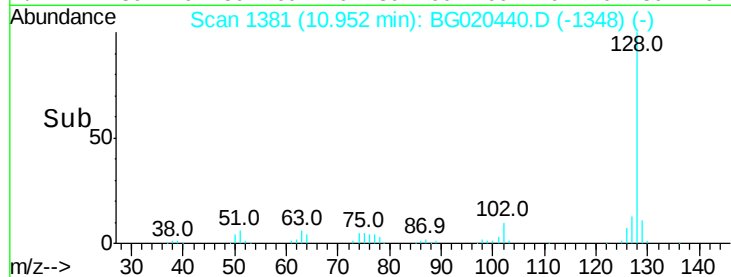
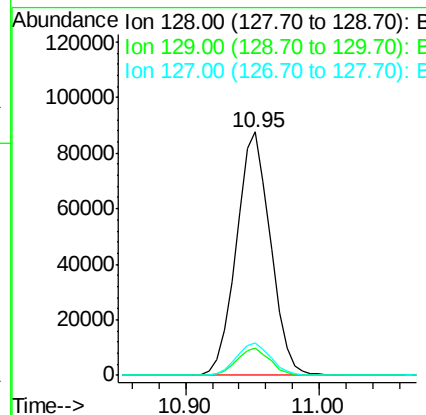
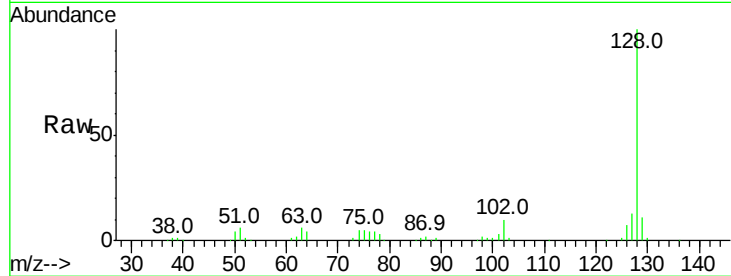
ClientSampleId :

D9N41DL

Tot Ion:	128	Resp:	155401
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.6	12.8
127	13.3	10.1	15.1

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#34

2-Methylnaphthalene

Concen: 5.53 ng/ul

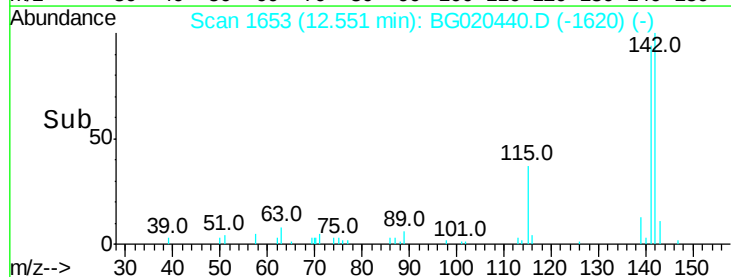
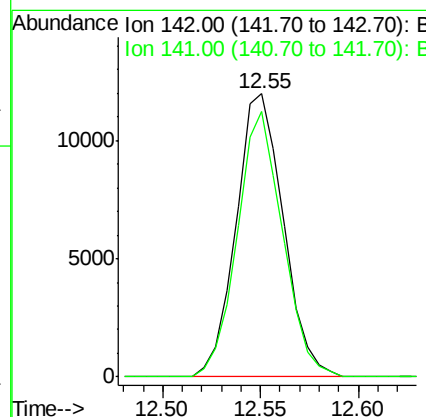
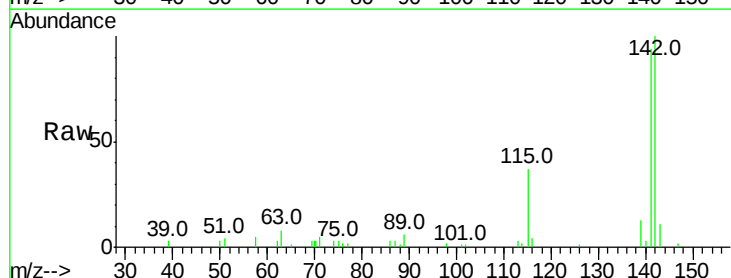
RT: 12.55 min Scan# 1653

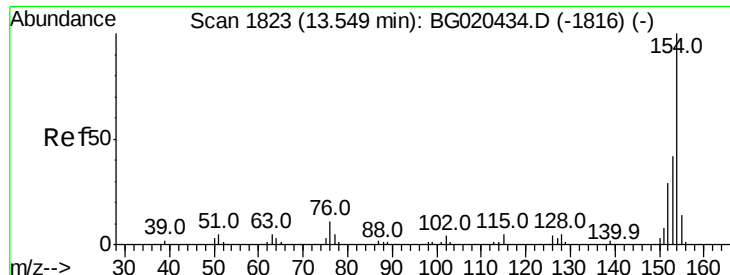
Delta R.T. -0.01 min

Lab File: BG020440.D

Acq: 23 Dec 2015 12:51

Tgt Ion:	142	Resp:	20103
Ion Ratio	Lower	Upper	
142	100		
141	94.0	74.9	112.3





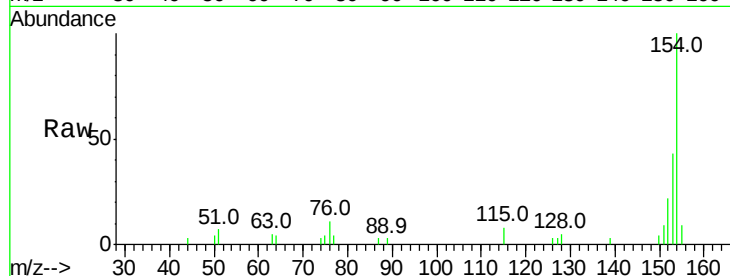
#41
 1,1'-Biphenyl
 Concen: 1.71 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BG020440.D
 Acq: 23 Dec 2015 12:51

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

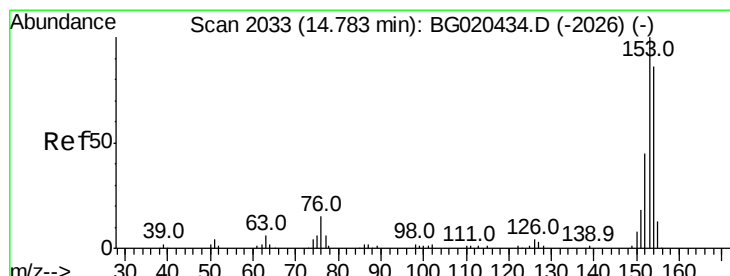
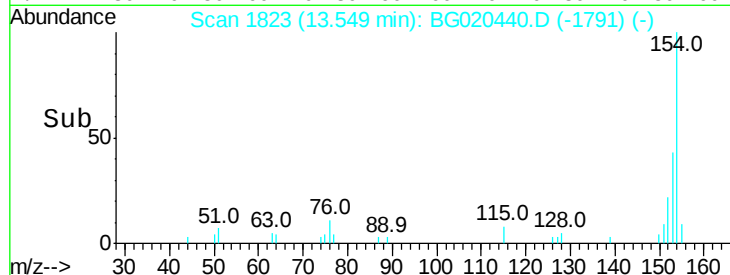
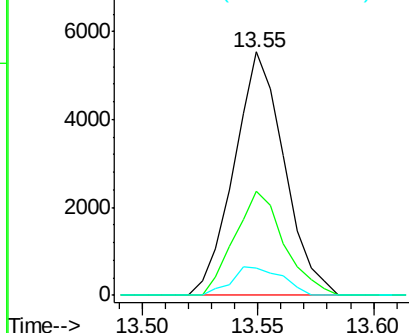
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	35.5	53.3
76	11.2	10.4	15.6

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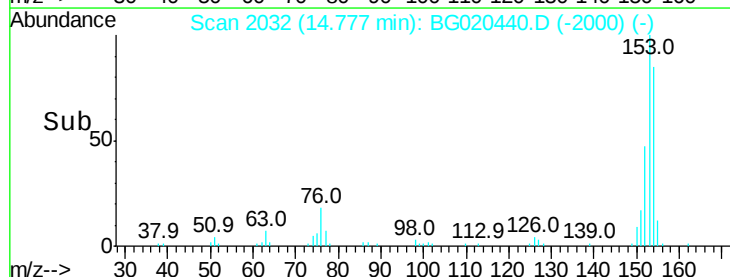
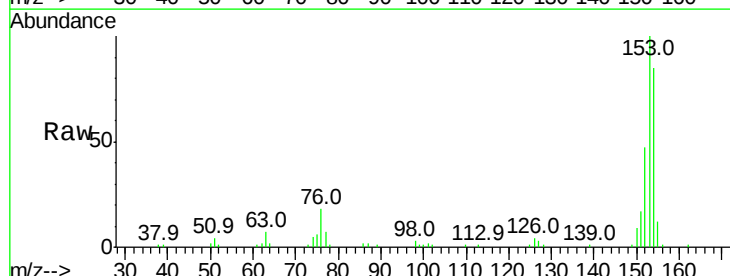
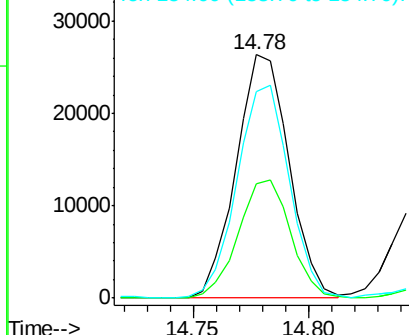
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

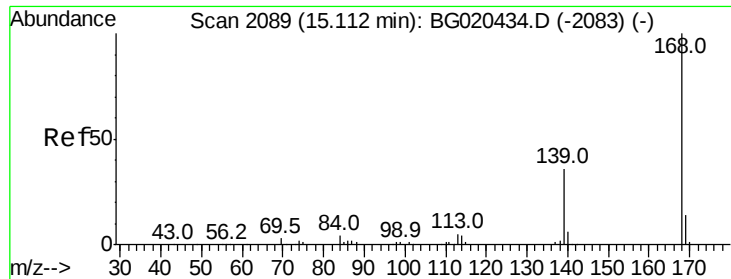


#50
 Acenaphthene
 Concen: 9.67 ng/ul
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG020440.D
 Acq: 23 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.6	56.4
154	85.0	67.9	101.9

Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E





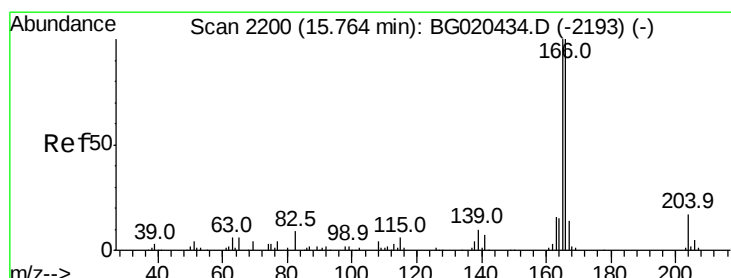
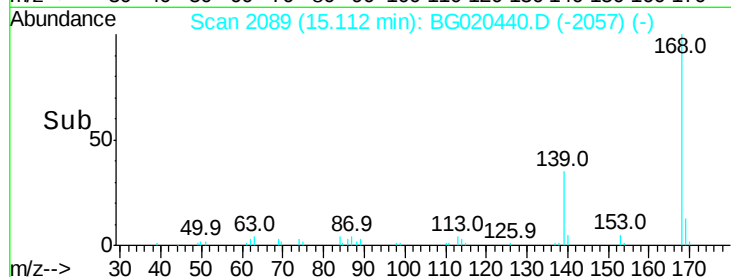
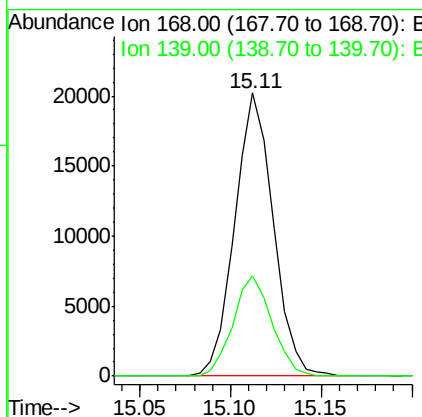
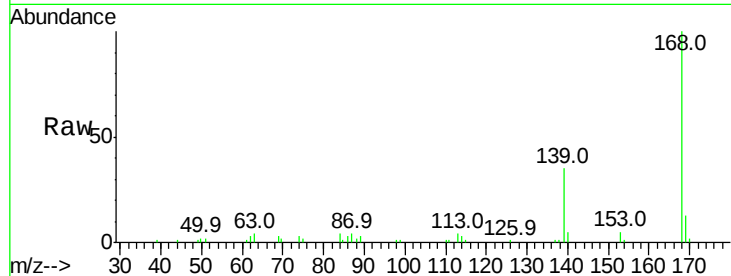
#54
Dibenzenofuran
Concen: 4.60 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG020440.D
Acq: 23 Dec 2015 12:51

Instrument :
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ClientSampleId :
D9N41DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.5	45.7

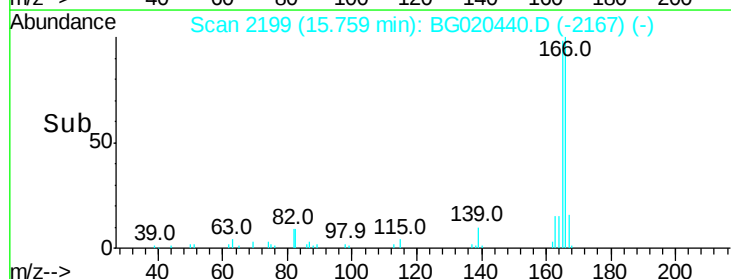
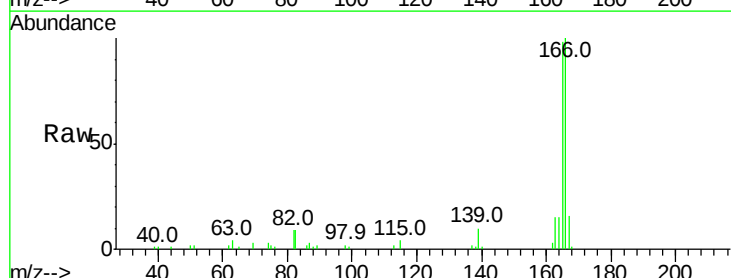
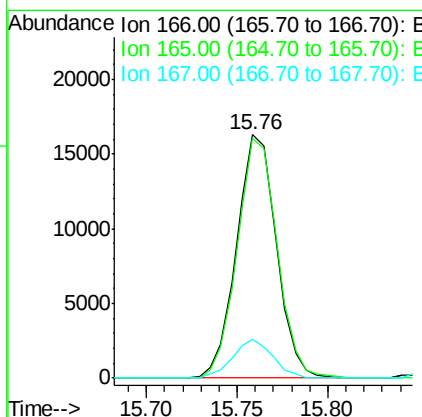
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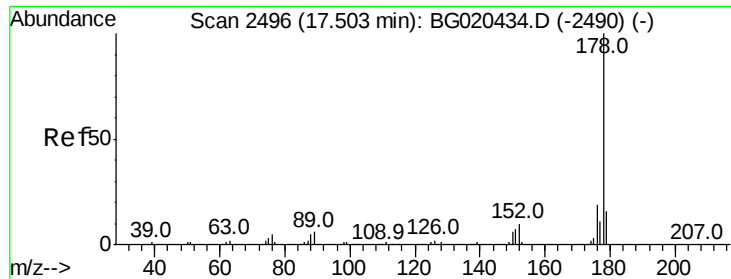
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#59
Fluorene
Concen: 4.80 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG020440.D
Acq: 23 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	81.4	122.0
167	15.8	11.2	16.8





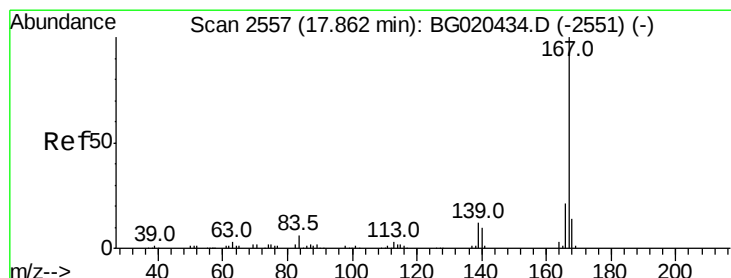
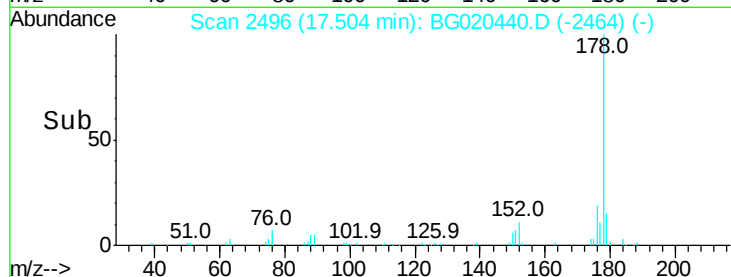
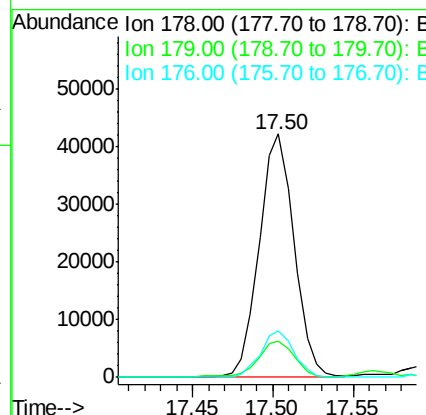
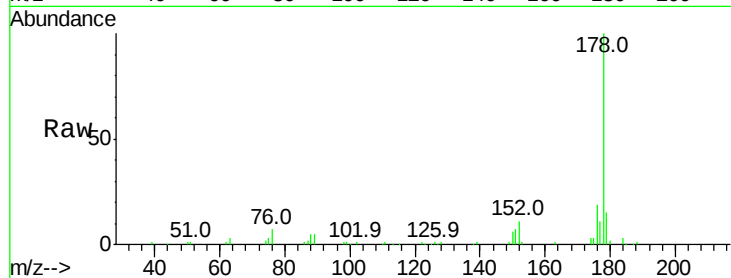
#70
 Phenanthrene
 Concen: 6.95 ng/ul m
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BG020440.D
 Acq: 23 Dec 2015 12:51

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.9	19.3
176	18.9	15.3	22.9

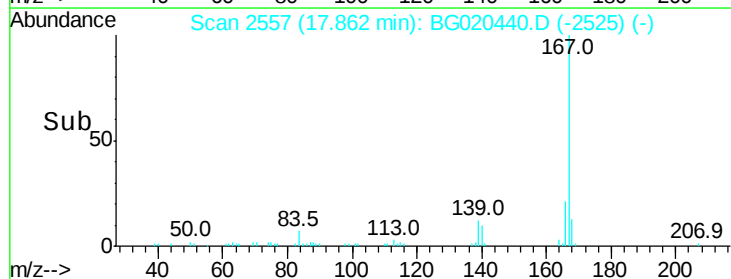
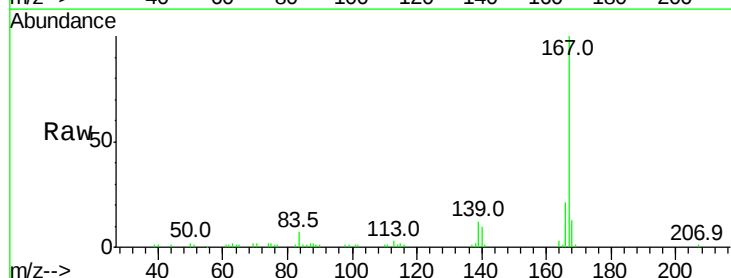
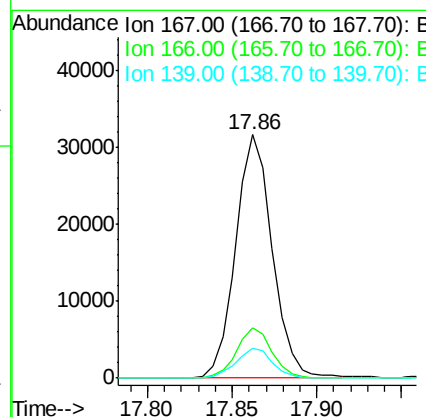
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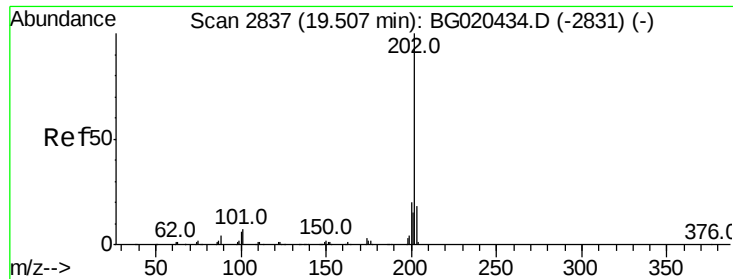
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#75
 Carbazole
 Concen: 6.10 ng/ul
 RT: 17.86 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG020440.D
 Acq: 23 Dec 2015 12:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.3	10.1	15.1





#77
 Fluoranthene
 Concen: 1.24 ng/ul
 RT: 19.51 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BG020440.D
 Acq: 23 Dec 2015 12:51

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

Tot Ion	202	Resp	13283
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.2	9.4
100	7.6	5.1	7.7

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