

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020166.D
 Acq On : 14 Dec 2015 23:35
 Operator : UM/SJ
 Sample : G4767-23
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N45

Quant Time: Dec 15 05:41:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 04:25:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	23159	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	102031	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	72319	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	182827	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	209129	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	197436	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.47	96	2176	5.19	ng/uL	0.00
5) Phenol-d5	7.25	99	57459	28.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	34472	28.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	43920	29.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	50639	29.00	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	23751	29.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	28388	32.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	55289	30.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	68976	34.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	194427	33.24	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	223721	32.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	33253	31.70	ng/ul	0.00
58) Fluorene-d10	15.72	176	170450	32.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	30053	27.73	ng/ul	0.00
71) Anthracene-d10	17.57	188	276432	32.81	ng/ul	0.00
79) Pyrene-d10	19.85	212	303000	31.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	307787	31.25	ng/ul	0.00

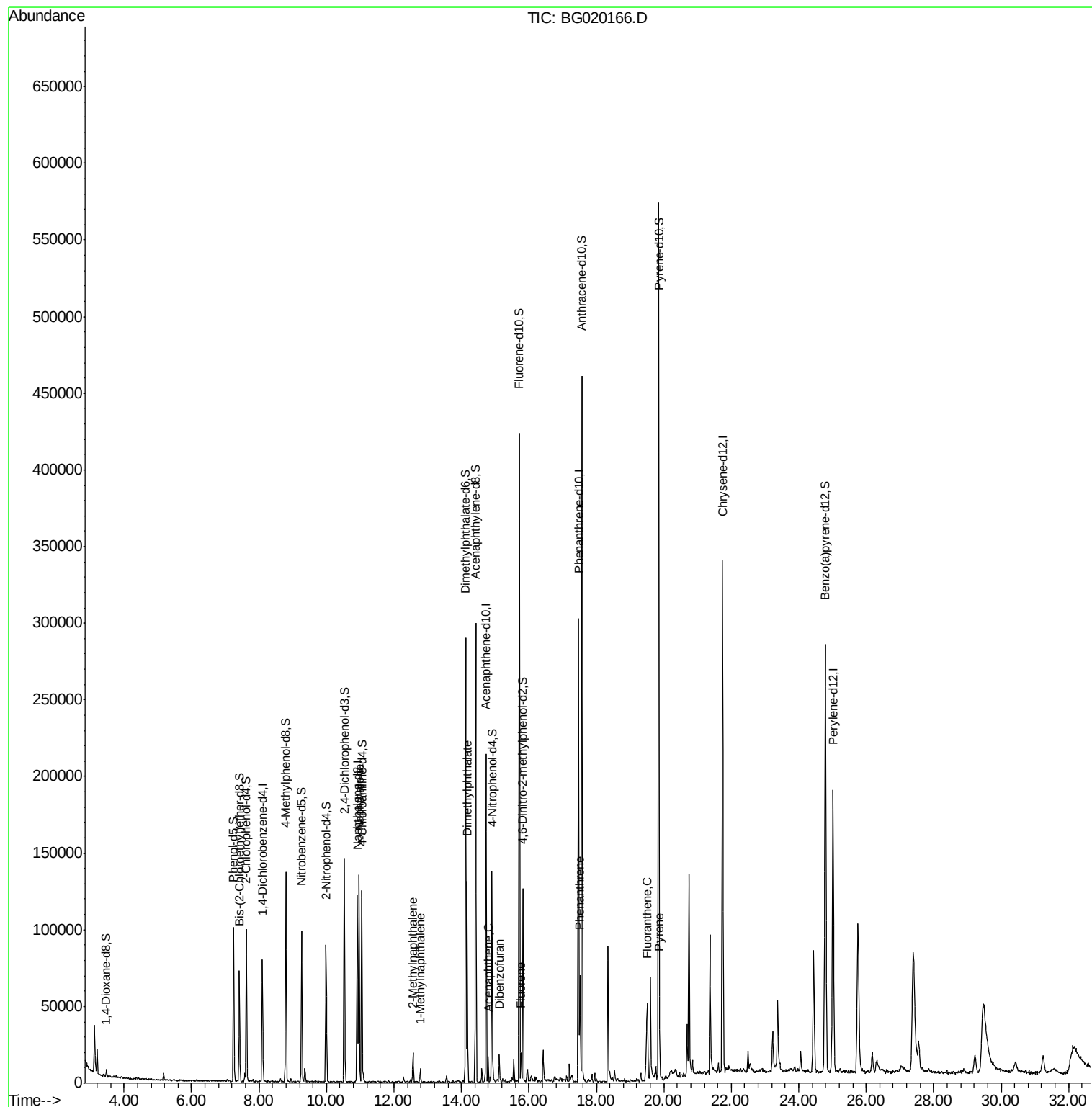
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.97	128	113489	21.30	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	9562	2.35	ng/ul	94
35) 1-Methylnaphthalene	12.79	142	4746	1.21	ng/ul#	96
45) Dimethylphthalate	14.17	163	83218	13.93	ng/ul	99
50) Acenaphthene	14.79	153	7648	1.57	ng/ul	96
54) Dibenzofuran	15.12	168	11659	1.61	ng/ul	96
59) Fluorene	15.77	166	8093	1.39	ng/ul	97
70) Phenanthrene	17.51	178	44807	4.48	ng/ul	95
77) Fluoranthene	19.51	202	26430	2.26	ng/ul	97
80) Pyrene	19.88	202	17596	1.39	ng/ul	98

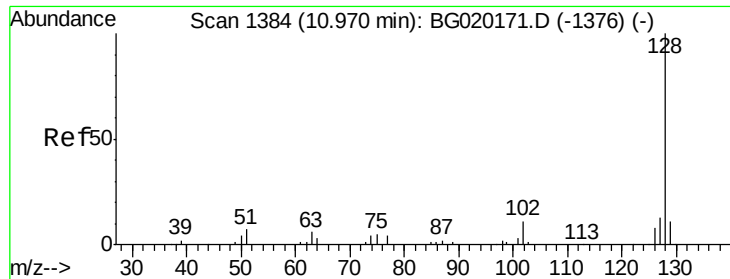
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 21.30 ng/ul

RT: 10.97 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG020166.D

Acq: 14 Dec 2015 23:35

Instrument :

BNA_G

ClientSampleId :

D9N45

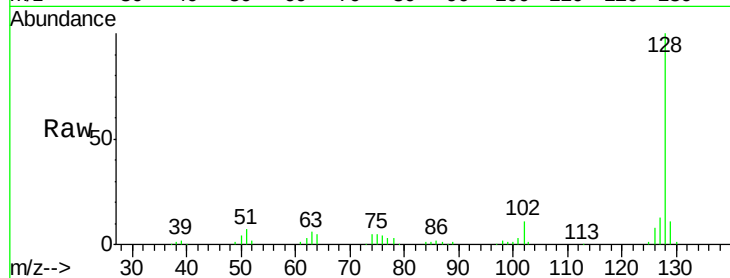
Tgt Ion:128 Resp: 113489

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

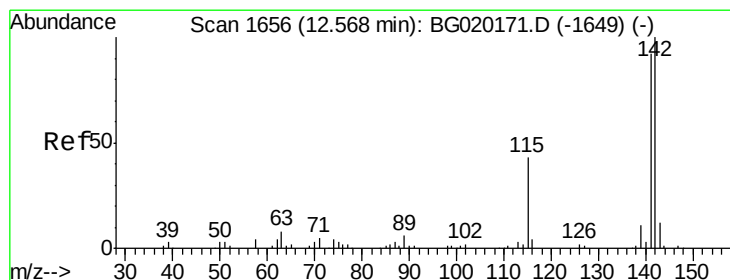
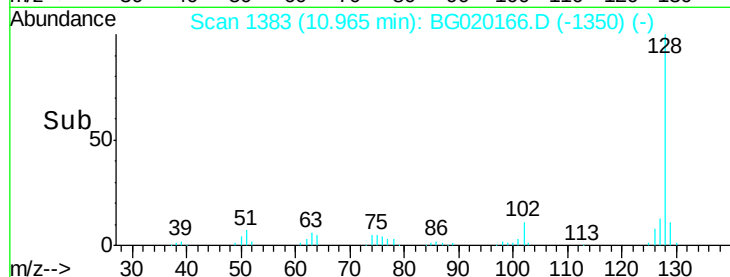
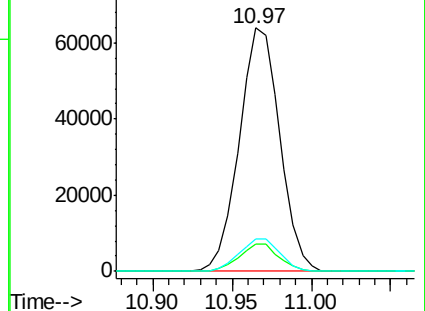
127 13.4 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 2.35 ng/ul

RT: 12.56 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG020166.D

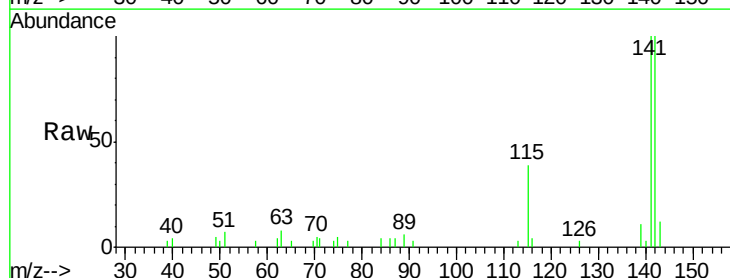
Acq: 14 Dec 2015 23:35

Tgt Ion:142 Resp: 9562

Ion Ratio Lower Upper

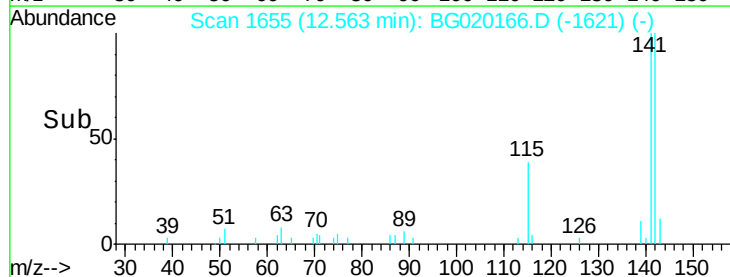
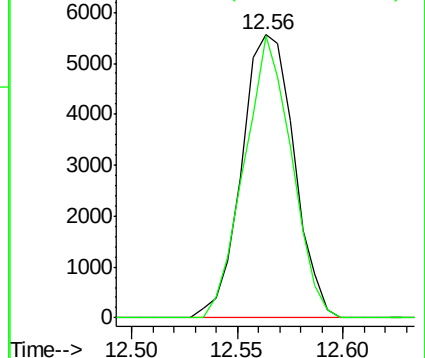
142 100

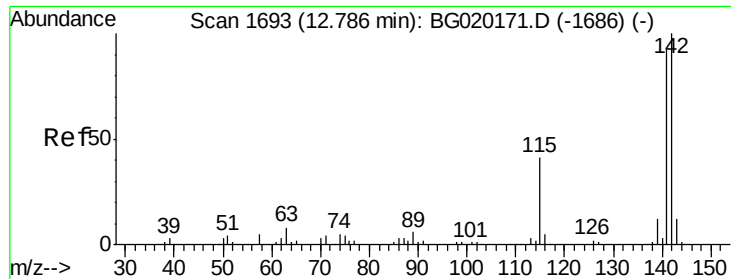
141 99.7 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 1.21 ng/ul

RT: 12.79 min Scan# 1693

Delta R.T. 0.00 min

Lab File: BG020166.D

Acq: 14 Dec 2015 23:35

Instrument :

BNA_G

ClientSampled :

D9N45

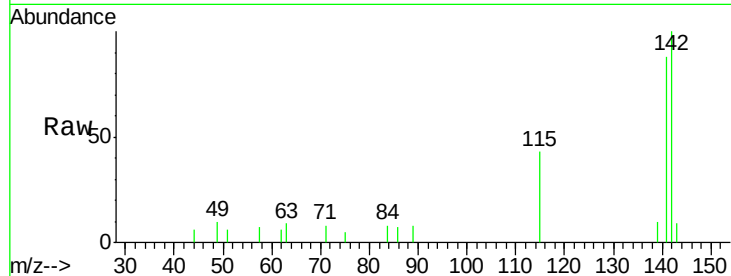
Tgt Ion:142 Resp: 4746

Ion Ratio Lower Upper

142 100

141 87.9 73.0 109.6

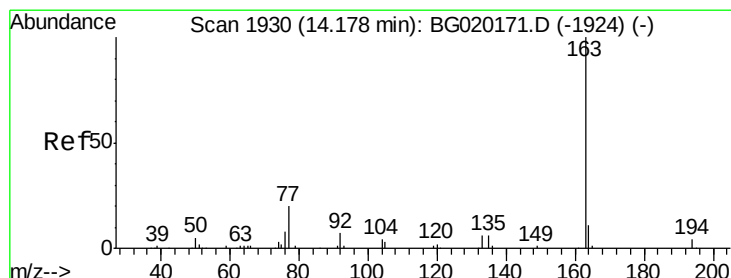
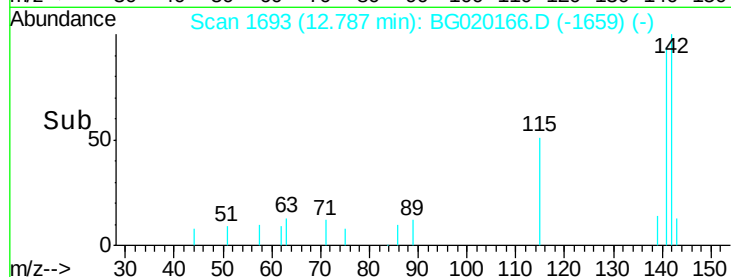
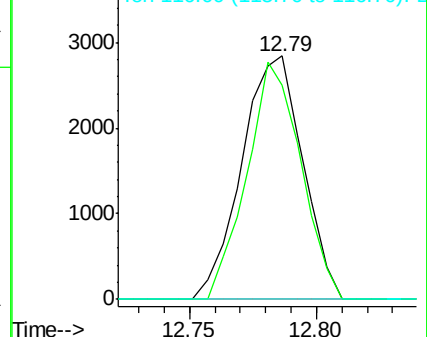
116 0.0 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#45

Dimethylphthalate

Concen: 13.93 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG020166.D

Acq: 14 Dec 2015 23:35

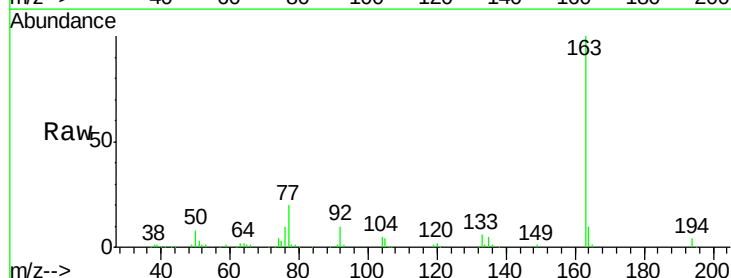
Tgt Ion:163 Resp: 83218

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

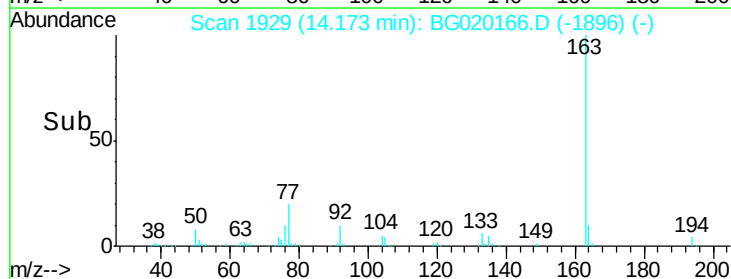
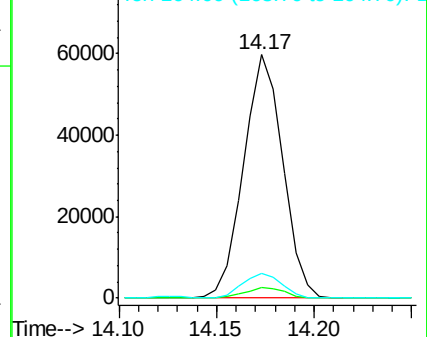
164 10.3 7.7 11.5

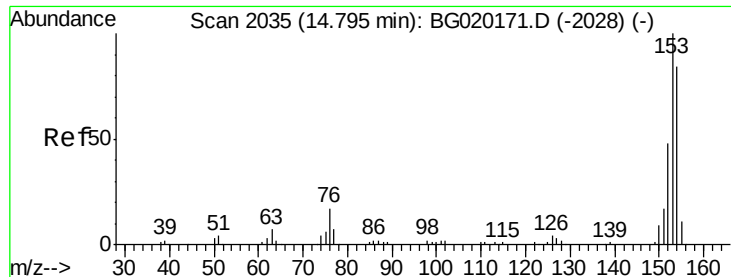


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 1.57 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG020166.D

Acq: 14 Dec 2015 23:35

Instrument :

BNA_G

ClientSampleId :

D9N45

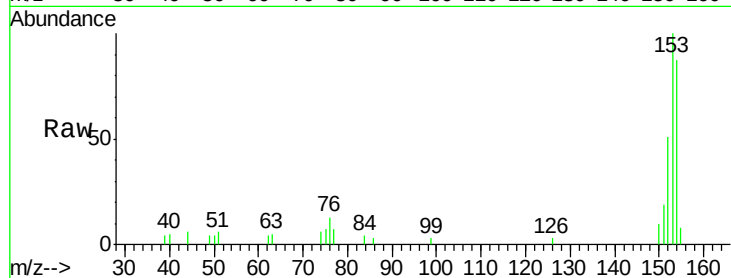
Tgt Ion:153 Resp: 7648

Ion Ratio Lower Upper

153 100

152 51.1 37.6 56.4

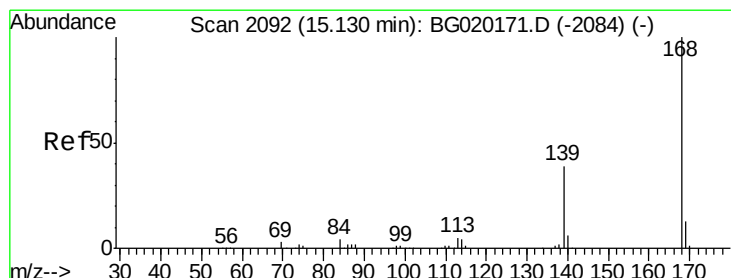
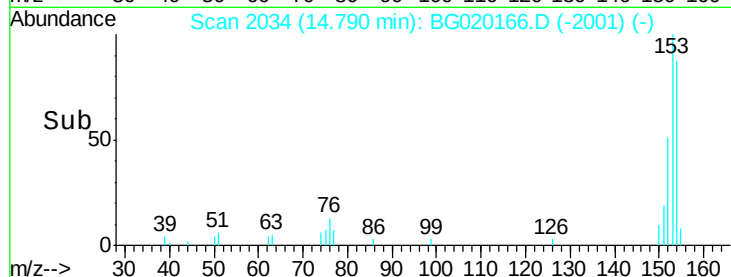
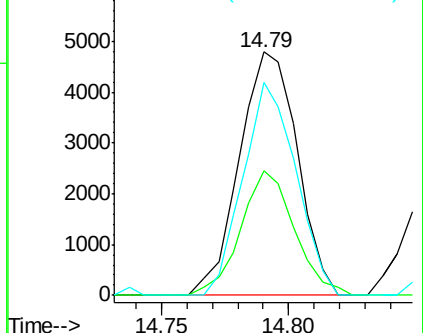
154 87.5 67.9 101.9



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

Dibenzofuran

Concen: 1.61 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020166.D

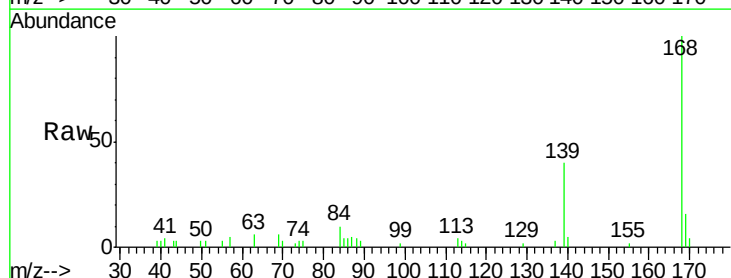
Acq: 14 Dec 2015 23:35

Tgt Ion:168 Resp: 11659

Ion Ratio Lower Upper

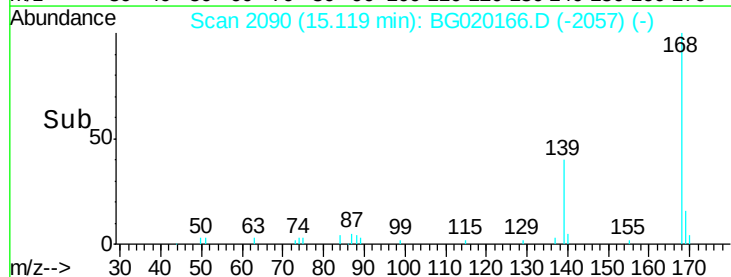
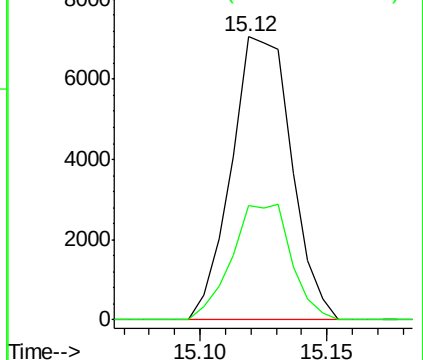
168 100

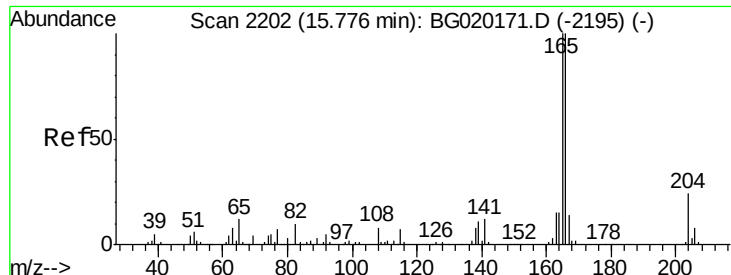
139 40.2 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

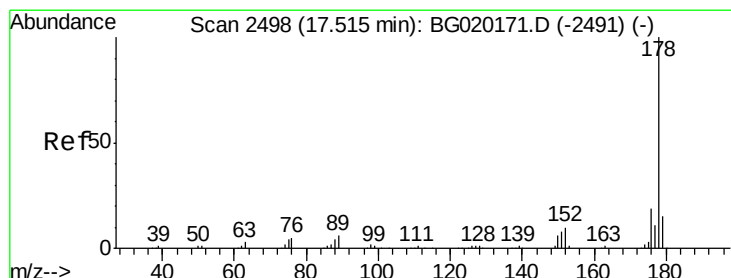
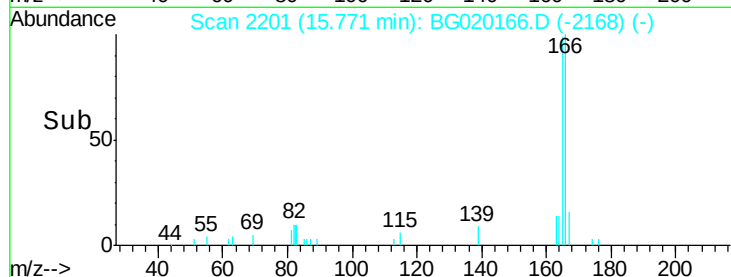
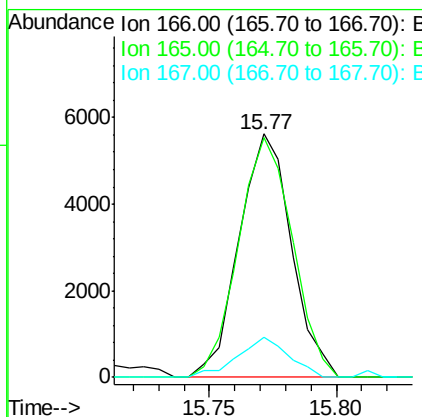
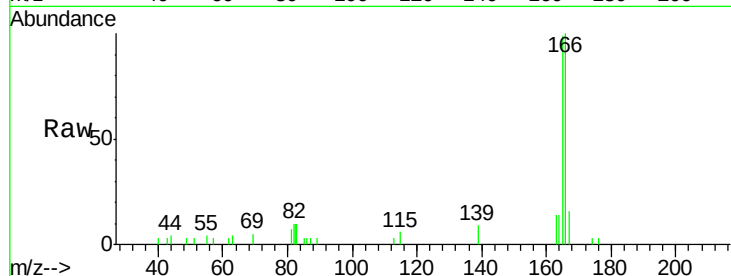




#59
 Fluorene
 Concen: 1.39 ng/ul
 RT: 15.77 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG020166.D
 Acq: 14 Dec 2015 23:35

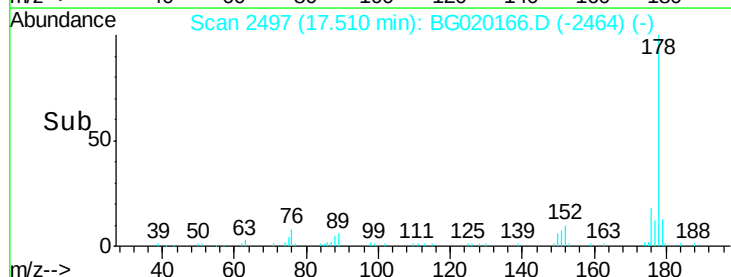
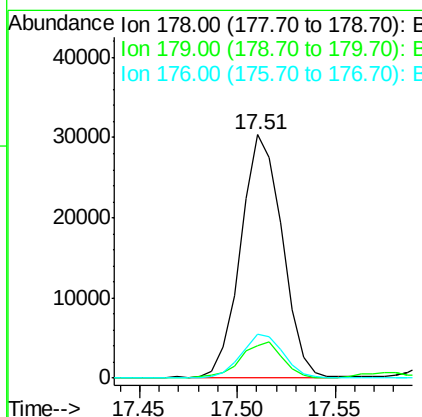
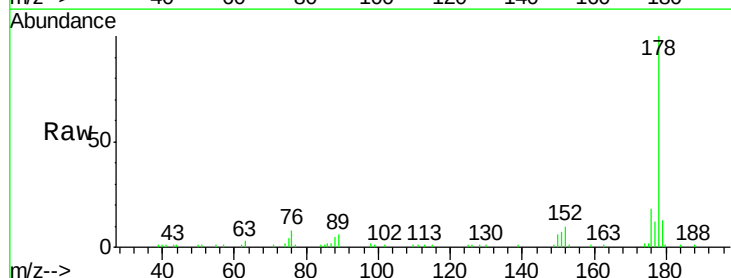
Instrument :
 BNA_G
 ClientSampleId :
 D9N45

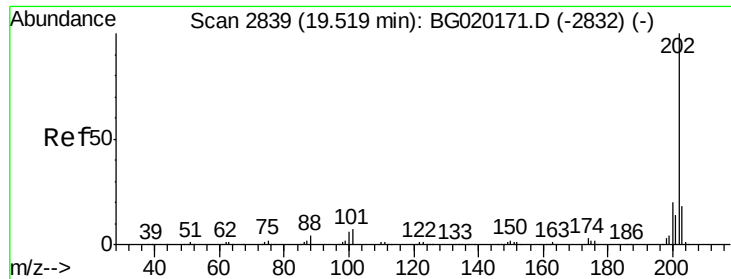
Tgt Ion:166 Resp: 8093
 Ion Ratio Lower Upper
 166 100
 165 98.7 81.4 122.0
 167 16.4 11.2 16.8



#70
 Phenanthrene
 Concen: 4.48 ng/ul
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BG020166.D
 Acq: 14 Dec 2015 23:35

Tgt Ion:178 Resp: 44807
 Ion Ratio Lower Upper
 178 100
 179 13.1 12.9 19.3
 176 17.9 15.3 22.9

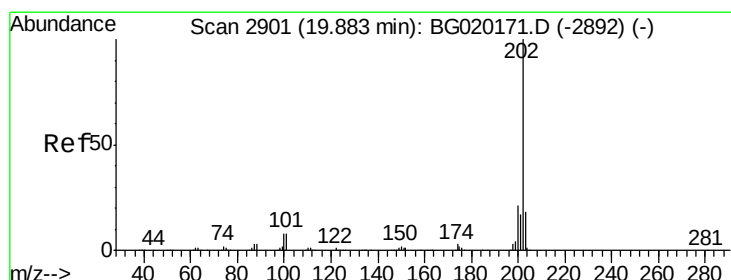
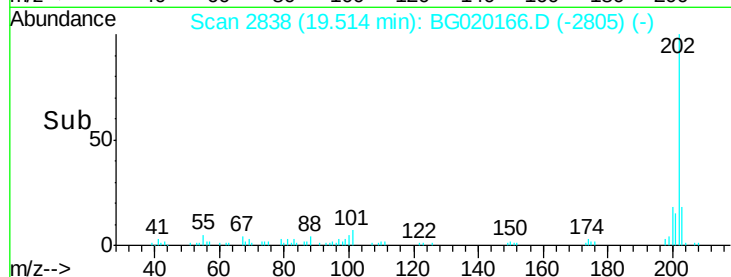
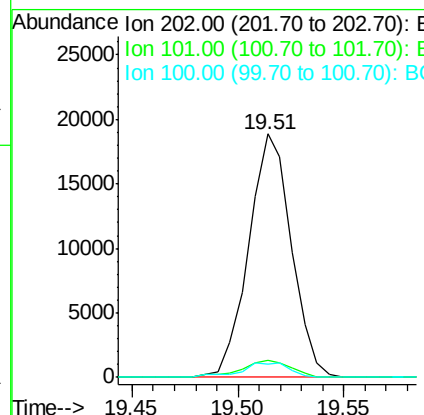
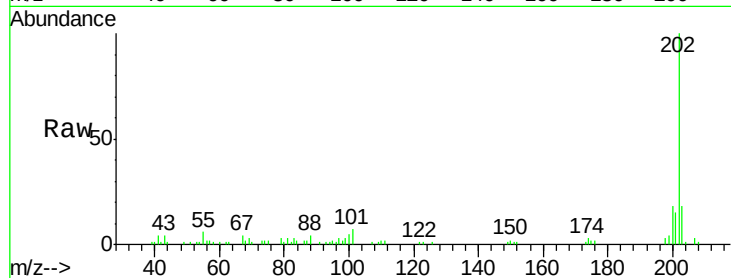




#77
Fluoranthene
 Concen: 2.26 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BG020166.D
 Acq: 14 Dec 2015 23:35

Instrument :
 BNA_G
 ClientSampleId :
 D9N45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	6.2	9.4
100	5.2	5.1	7.7



#80
Pyrene
 Concen: 1.39 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG020166.D
 Acq: 14 Dec 2015 23:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
100	6.4	6.4	9.6

