

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042716\
 Data File : BM005102.D
 Acq On : 27 Apr 2016 18:16
 Operator : UM/SJ
 Sample : H2584-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7S9

Quant Time: Apr 28 04:17:46 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 28 04:13:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	63682	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	304478	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	197714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	459517	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	489841	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	382610	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1759	1.40	ng/uL	0.00
5) Phenol-d5	6.97	99	37570	7.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	67424	22.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	80151	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	64894	14.53	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	46813	22.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	53445	22.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	96297	21.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	6228	1.19	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	346082	22.16	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	402859	21.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	13283	4.87	ng/ul	0.00
57) Fluorene-d10	15.43	176	300690	21.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	35252	13.49	ng/ul	0.00
70) Anthracene-d10	17.28	188	472070	22.91	ng/ul	0.00
76) Pyrene-d10	19.58	212	528866	23.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	396654	23.14	ng/ul	0.00

Target Compounds

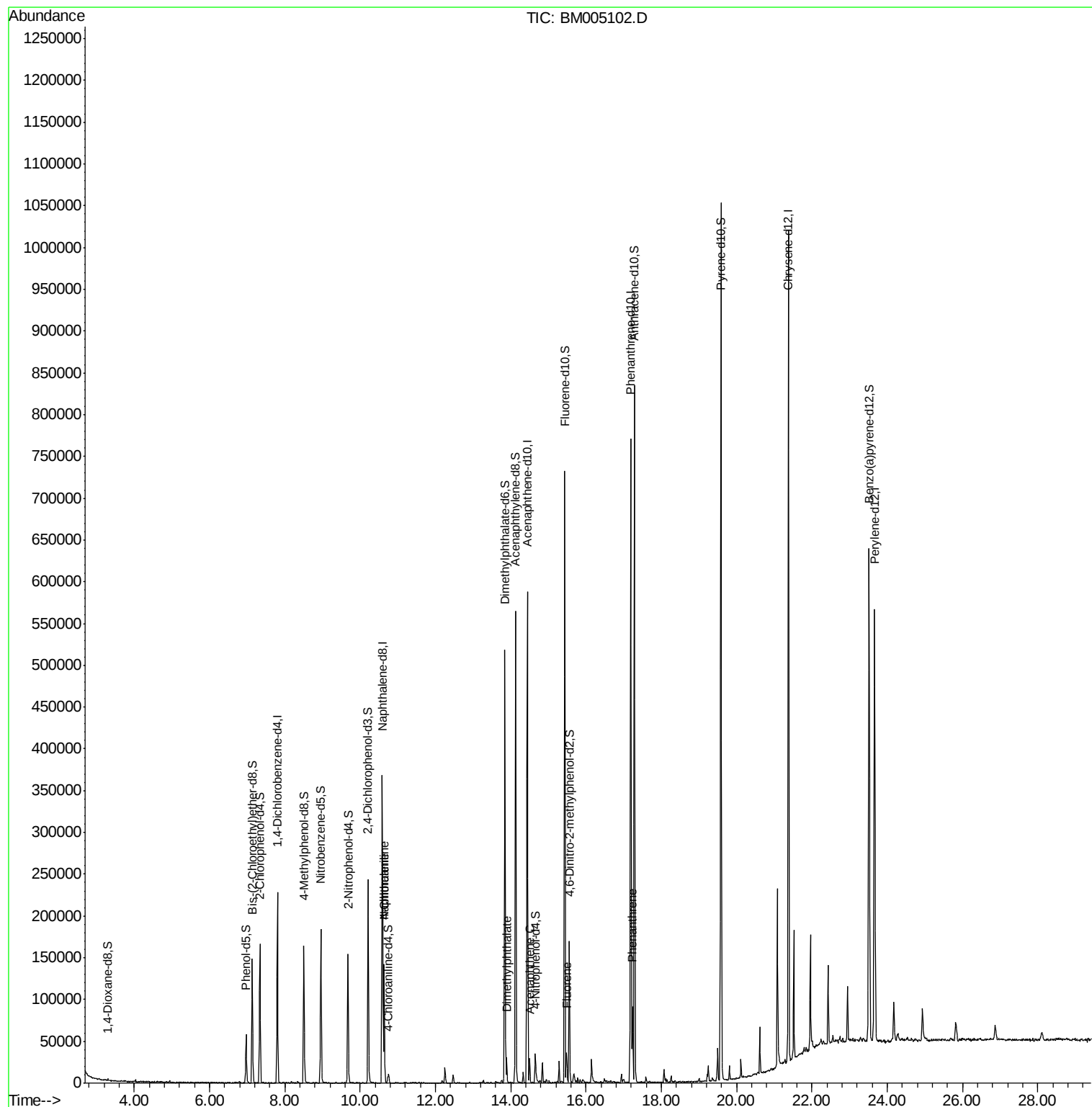
					Ovalue
28) Naphthalene	10.63	128	119505	7.78 ng/ul	99
30) 4-Chloroaniline	10.63	127	15390	2.89 ng/ul#	11
44) Dimethylphthalate	13.89	163	20692	1.32 ng/ul	99
49) Acenaphthene	14.50	153	13549	1.05 ng/ul	97
58) Fluorene	15.49	166	17741	1.20 ng/ul	96
69) Phenanthrene	17.23	178	57624	2.36 ng/ul	99

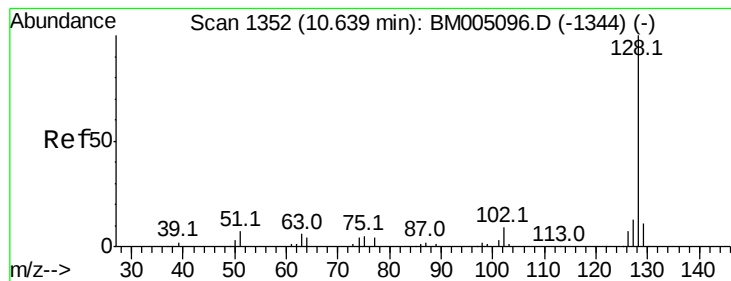
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 7.78 ng/ul

RT: 10.63 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BM005102.D

Acq: 27 Apr 2016 18:16

Instrument :

BNA_M

ClientSampleId :

BC7S9

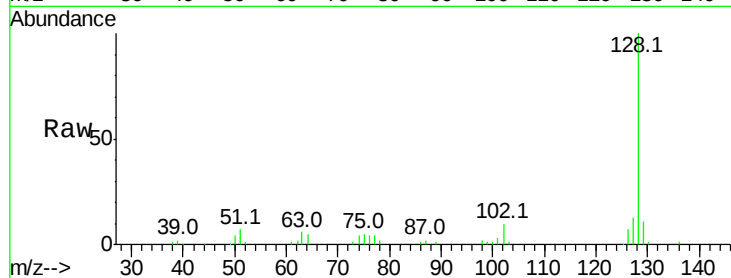
Tot Ion:128 Resp: 119505

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

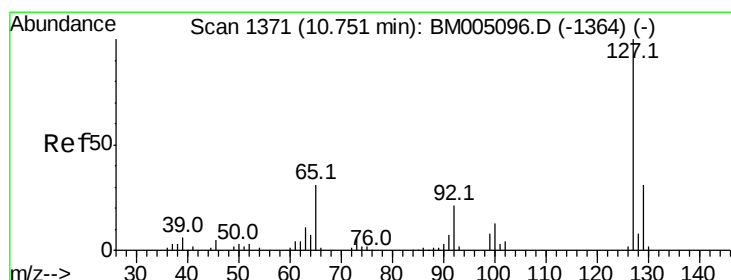
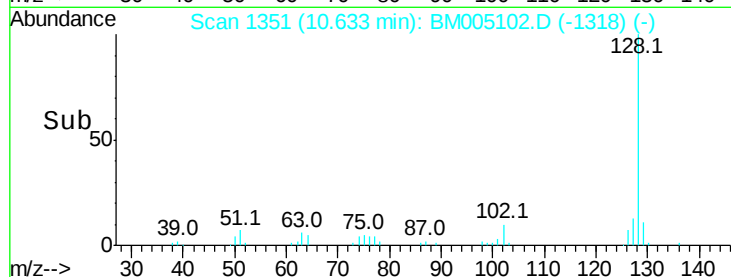
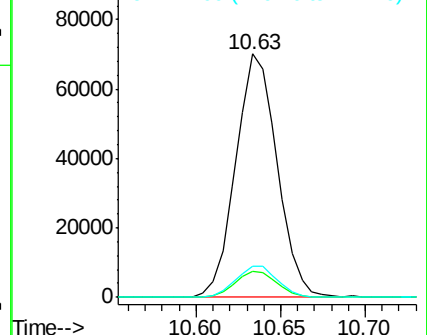
127 12.9 10.6 15.8



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



#30

4-Chloroaniline

Concen: 2.89 ng/ul

RT: 10.63 min Scan# 1351

Delta R.T. -0.12 min

Lab File: BM005102.D

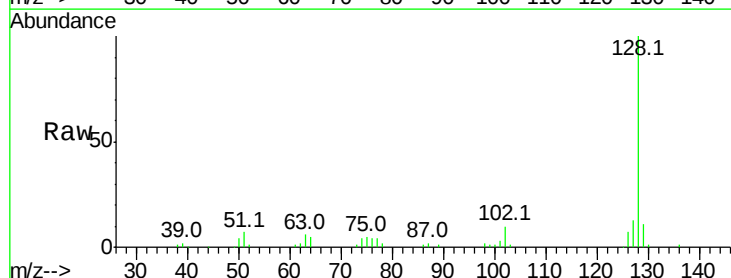
Acq: 27 Apr 2016 18:16

Tgt Ion:127 Resp: 15390

Ion Ratio Lower Upper

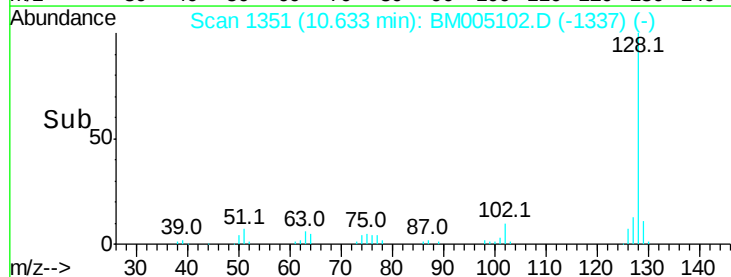
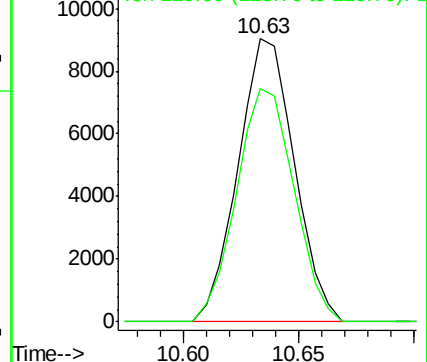
127 100

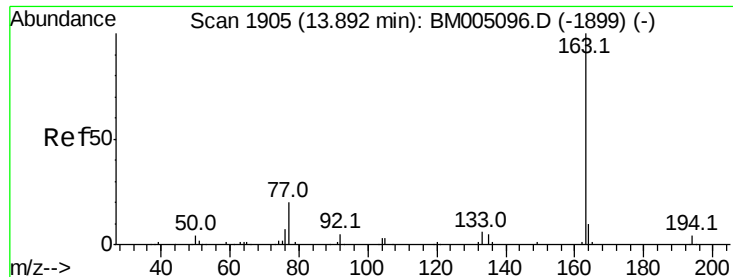
129 82.5 26.0 39.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#44

Dimethylphthalate

Concen: 1.32 ng/ul

RT: 13.89 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM005102.D

Acq: 27 Apr 2016 18:16

Instrument :

BNA_M

ClientSampleId :

BC7S9

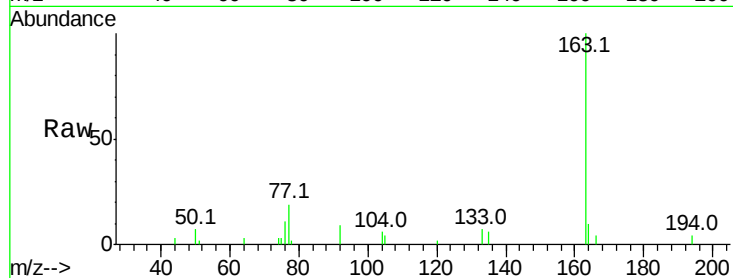
Tot Ion:163 Resp: 20692

Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

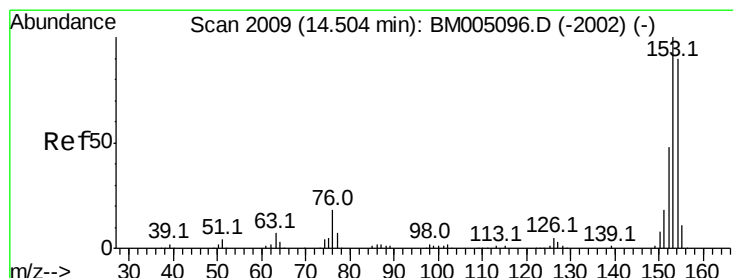
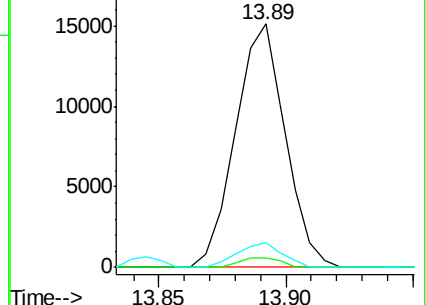
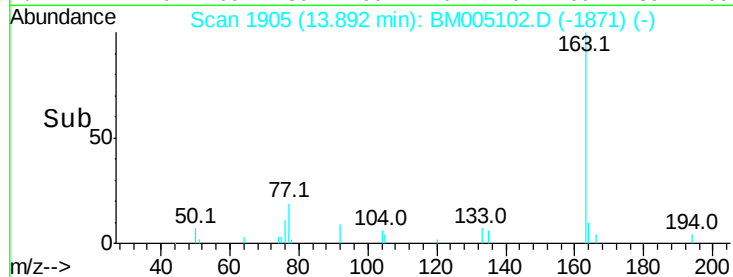
164 10.1 8.2 12.2



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



#49

Acenaphthene

Concen: 1.05 ng/ul

RT: 14.50 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM005102.D

Acq: 27 Apr 2016 18:16

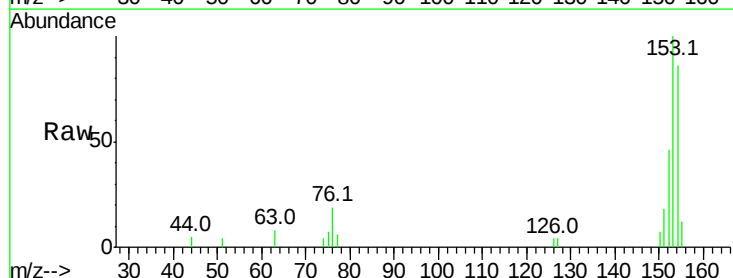
Tgt Ion:153 Resp: 13549

Ion Ratio Lower Upper

153 100

152 45.5 37.7 56.5

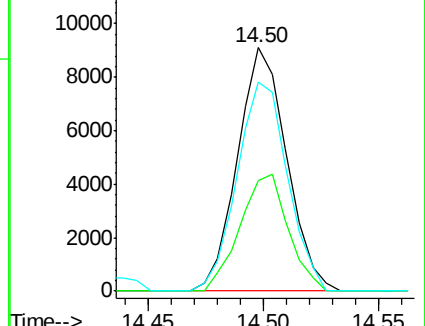
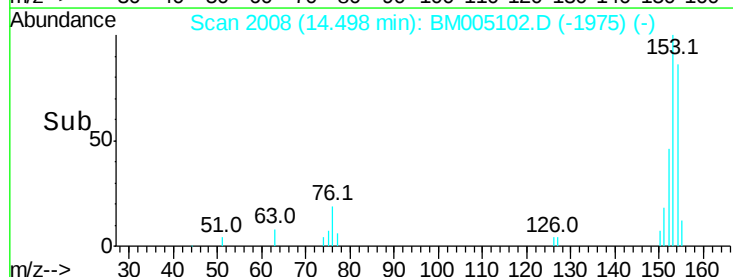
154 85.9 71.4 107.2

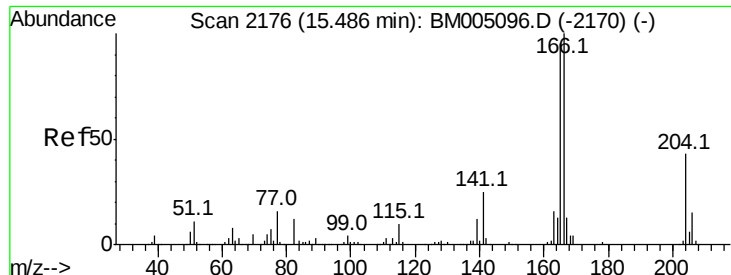


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

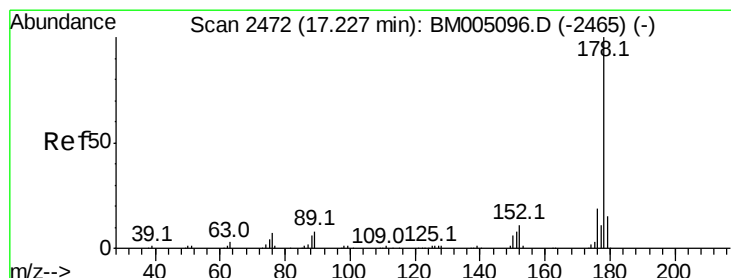
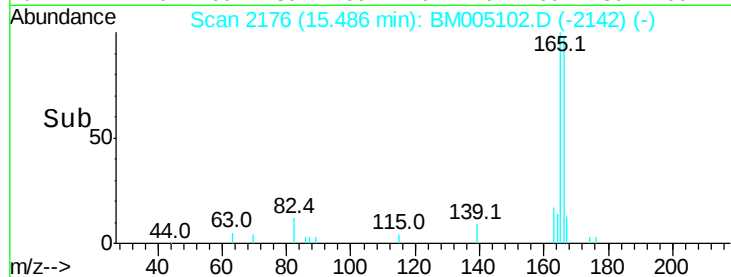
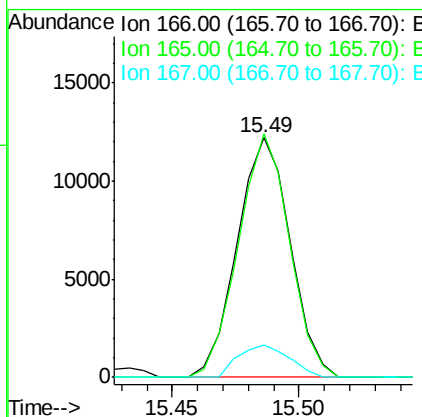
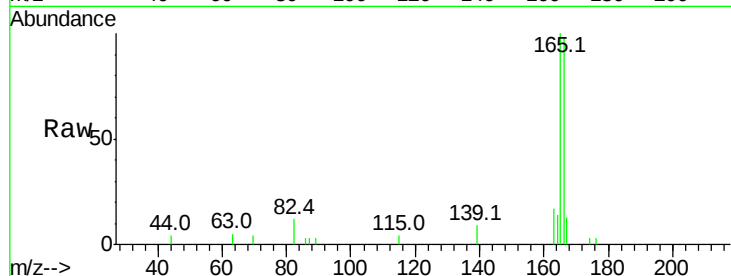




#58
Fluorene
 Concen: 1.20 ng/ul
 RT: 15.49 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BM005102.D
 Acq: 27 Apr 2016 18:16

Instrument :
 BNA_M
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 BC7S9

Tot Ion:166 Resp: 17741
 Ion Ratio Lower Upper
 166 100
 165 101.7 77.7 116.5
 167 13.5 10.9 16.3



#69
Phenanthrene
 Concen: 2.36 ng/ul
 RT: 17.23 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: BM005102.D
 Acq: 27 Apr 2016 18:16

Tgt Ion:178 Resp: 57624
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.8 17.8
 176 19.3 15.2 22.8

