

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023816.D
 Acq On : 20 Aug 2016 14:04
 Operator : UM/SJ
 Sample : H4496-14MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPT9MSD

Quant Time: Aug 22 03:43:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 03:42:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	111383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	460976	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	292780	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	959093	20.00	ng/ul	0.10
75) Chrysene-d12	21.85	240	746774	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	749233	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	13589	5.54	ng/uL	0.00
5) Phenol-d5	7.25	99	297265	28.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	209927	29.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	215563	29.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	234664	28.74	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	110547	29.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	131940	31.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	762	0.10	ng/ul	0.15
29) 4-Chloroaniline-d4	11.22	131	503	0.05	ng/ul	0.15
43) Dimethylphthalate-d6	14.17	166	741025	30.53	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	844144	30.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	101337	25.83	ng/ul	0.00
57) Fluorene-d10	15.76	176	638499	30.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	778	0.13	ng/ul	0.09
70) Anthracene-d10	17.63	188	959093	21.69	ng/ul	0.00
76) Pyrene-d10	19.92	212	1100756	30.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1114631	32.49	ng/ul	0.01

Target Compounds

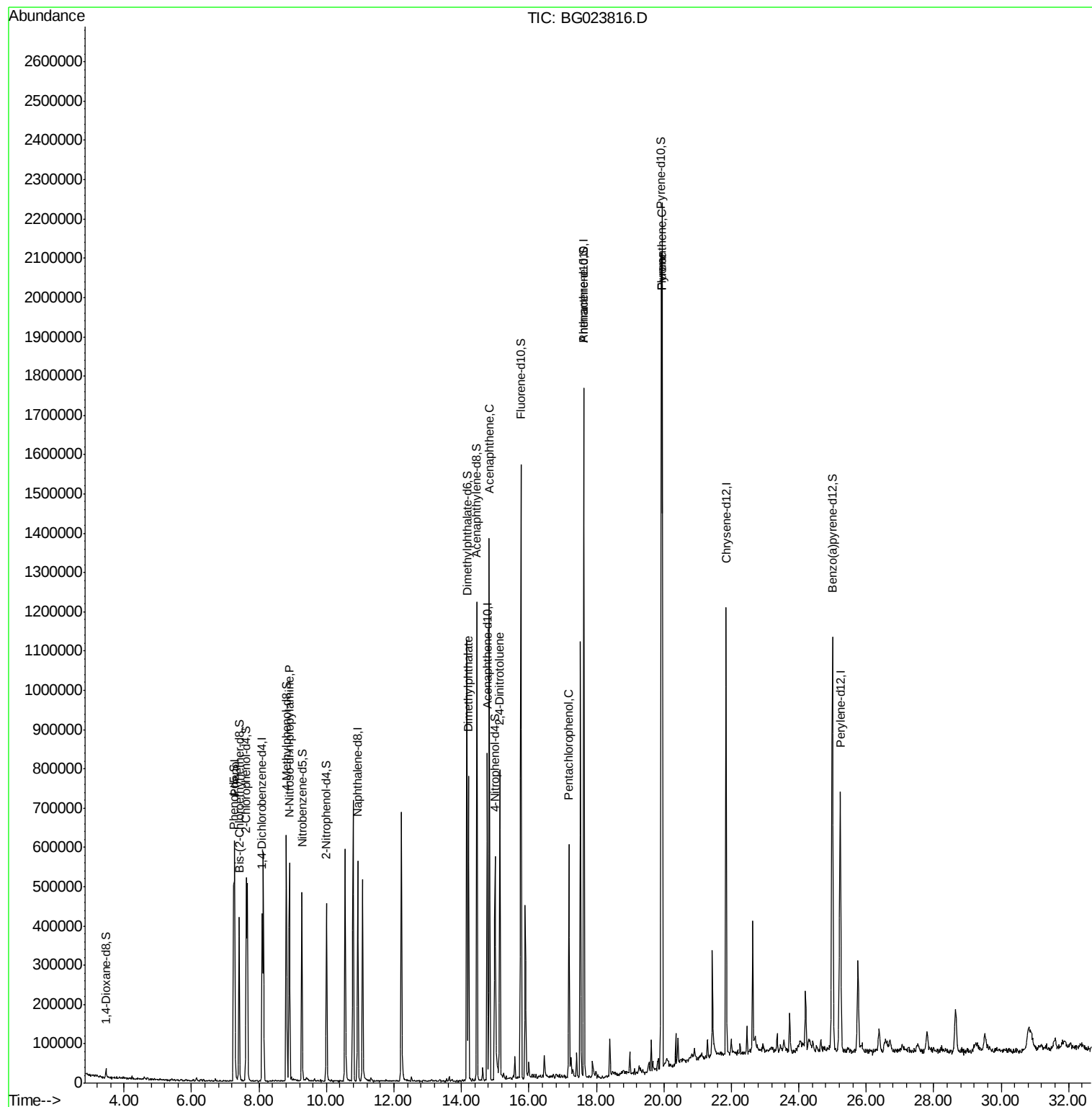
						Qvalue
6) Phenol	7.28	94	325613	30.43	ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.90	70	231126	28.11	ng/ul#	85
44) Dimethylphthalate	14.21	163	482550	19.88	ng/ul	98
49) Acenaphthene	14.83	153	574450	29.95	ng/ul	96
54) 2,4-Dinitrotoluene	15.14	165	218983	28.92	ng/ul#	69
68) Pentachlorophenol	17.19	266	118810	23.04	ng/ul	94
74) Fluoranthene	19.95	202	1306494	24.16	ng/ul	98
77) Pyrene	19.95	202	1309607	29.67	ng/ul#	93

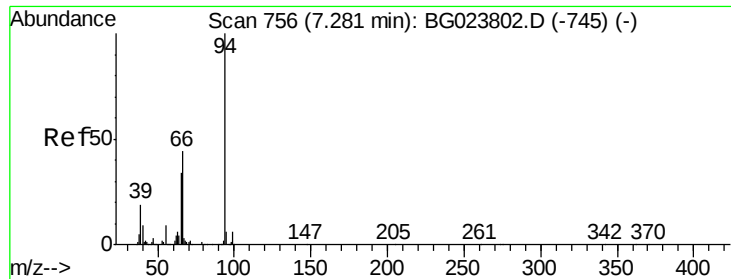
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 30.43 ng/ul

RT: 7.28 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG023816.D

Acq: 20 Aug 2016 14:04

Instrument :

BNA_G

ClientSampleId :

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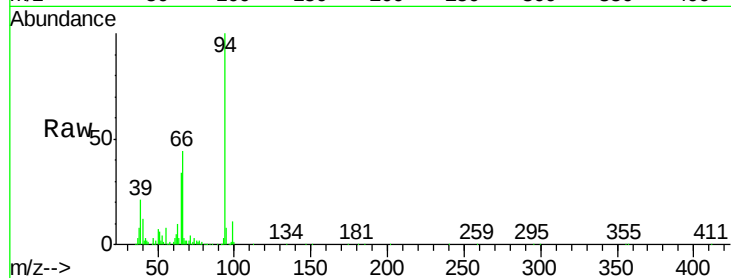
Tgt Ion: 94 Resp: 325613

Ion Ratio Lower Upper

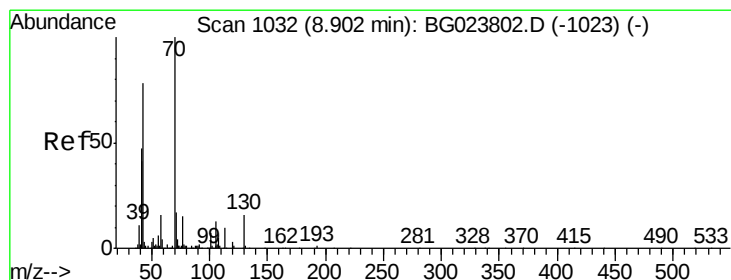
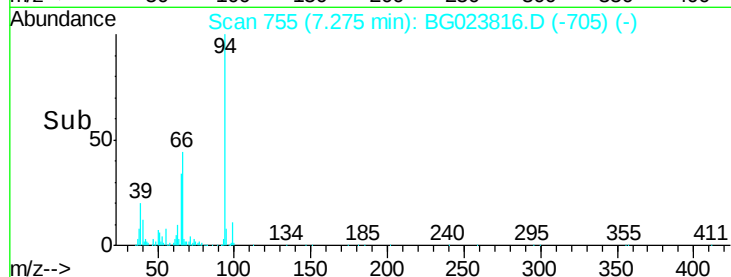
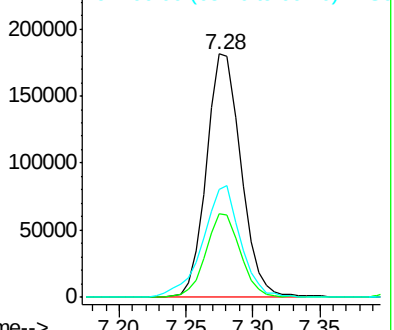
94 100

65 34.5 16.8 25.2#

66 44.3 22.6 33.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 28.11 ng/ul

RT: 8.90 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG023816.D

Acq: 20 Aug 2016 14:04

Tgt Ion: 70 Resp: 231126

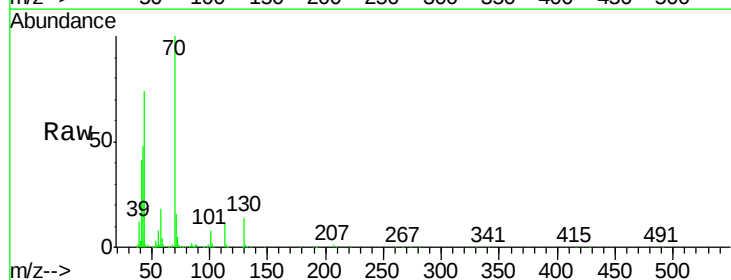
Ion Ratio Lower Upper

70 100

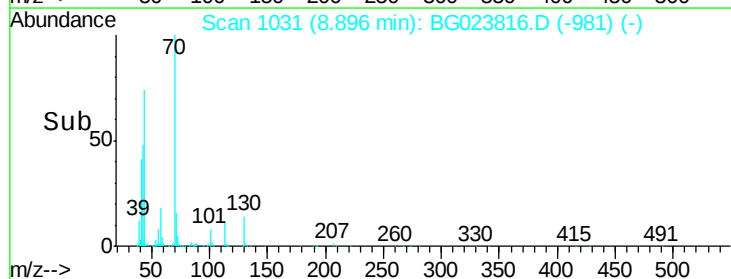
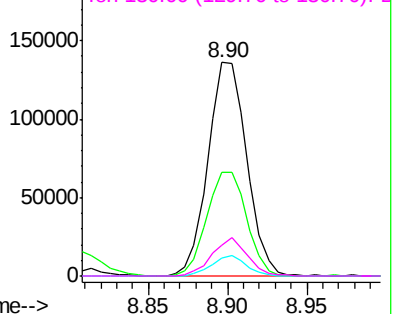
42 48.3 31.4 47.2#

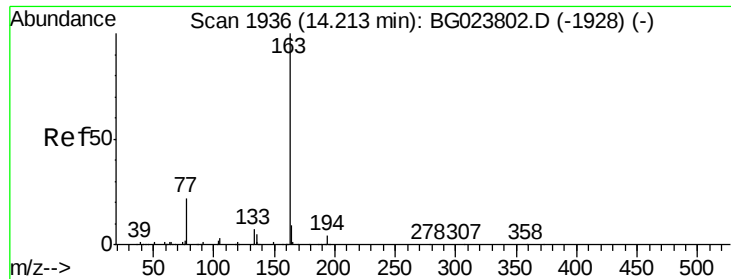
101 8.2 8.6 13.0#

130 14.3 19.0 28.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#44

Dimethylphthalate

Concen: 19.88 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG023816.D

Acq: 20 Aug 2016 14:04

Instrument :

BNA_G

ClientSampleId :

JHPT9MSD

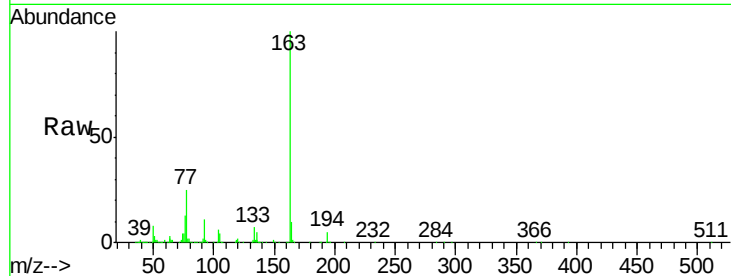
Tgt Ion:163 Resp: 482550

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

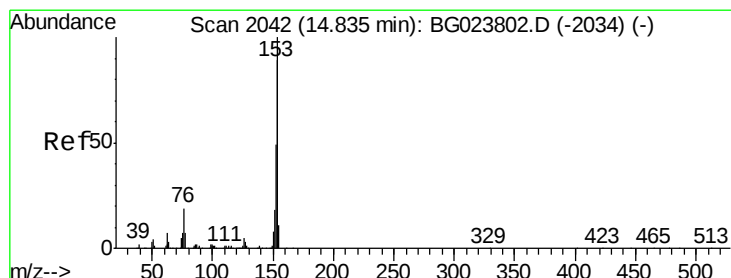
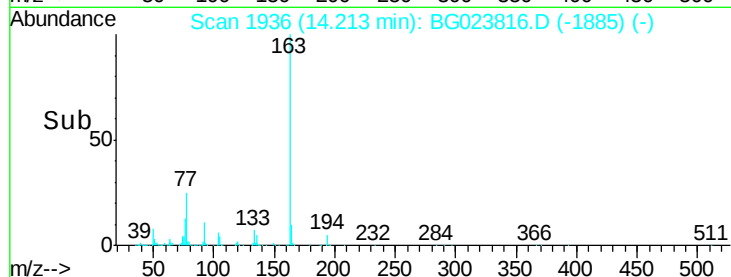
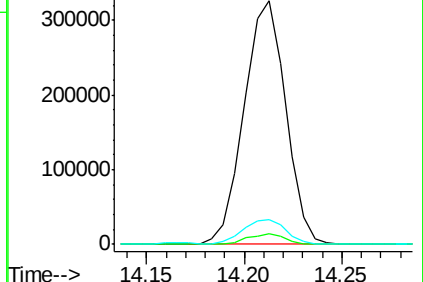
164 10.2 8.8 13.2



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: 29.95 ng/ul

RT: 14.83 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG023816.D

Acq: 20 Aug 2016 14:04

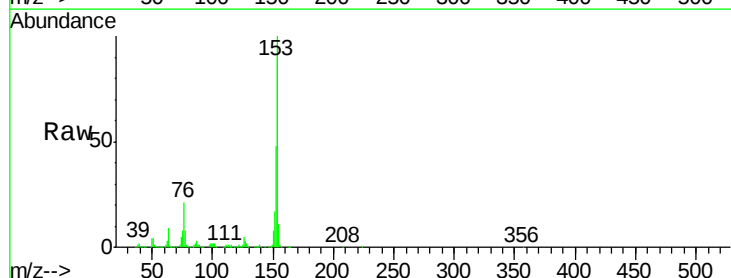
Tgt Ion:153 Resp: 574450

Ion Ratio Lower Upper

153 100

152 47.6 37.3 55.9

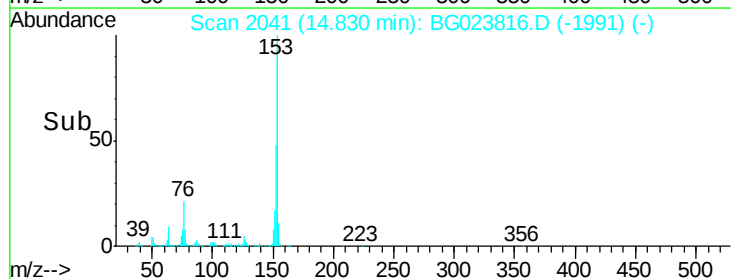
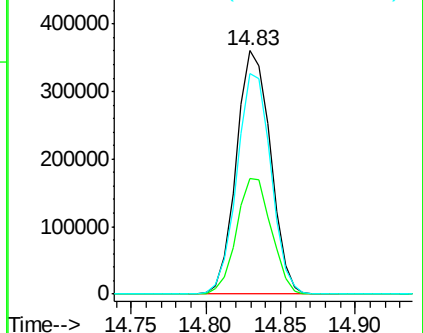
154 90.4 68.2 102.2

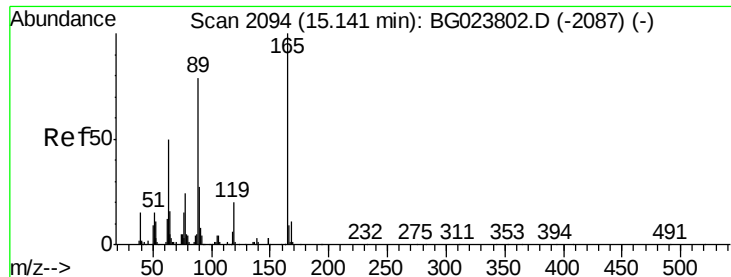


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

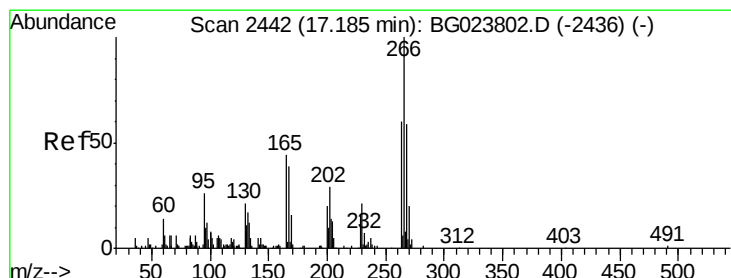
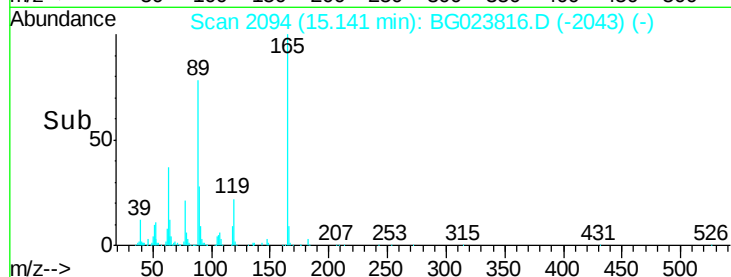
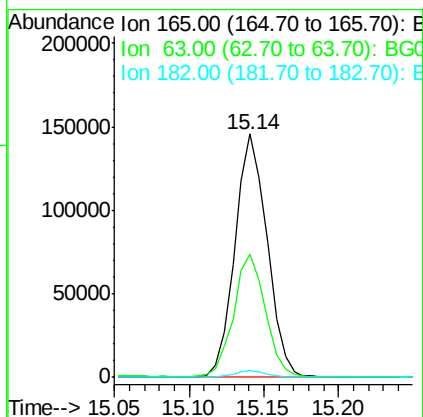
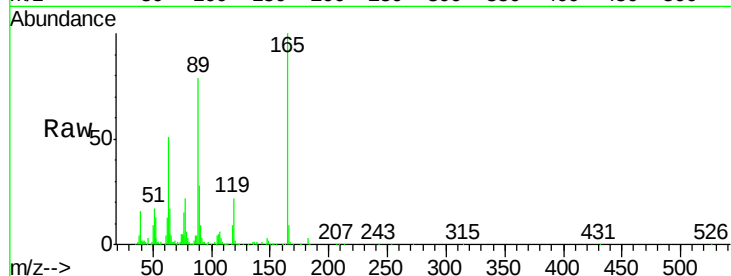




#54
 2,4-Dinitrotoluene
 Concen: 28.92 ng/ul
 RT: 15.14 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BG023816.D
 Acq: 20 Aug 2016 14:04

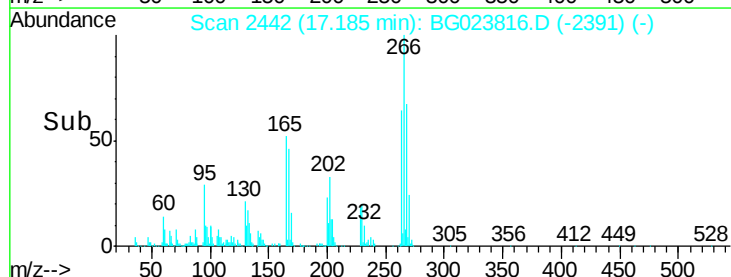
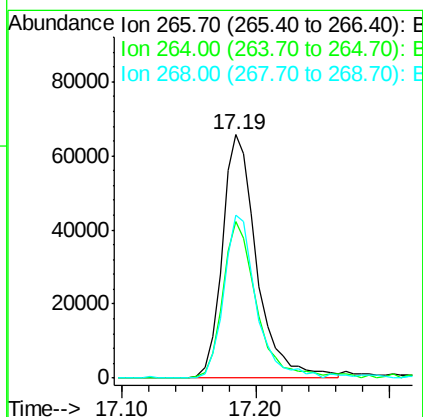
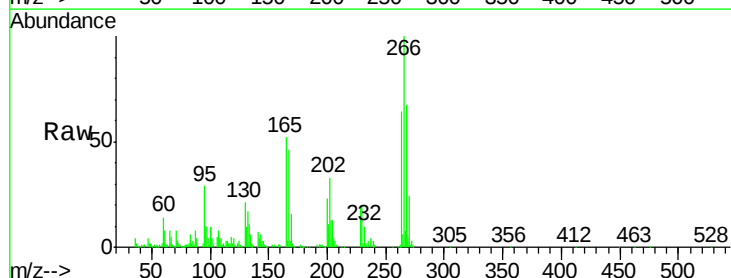
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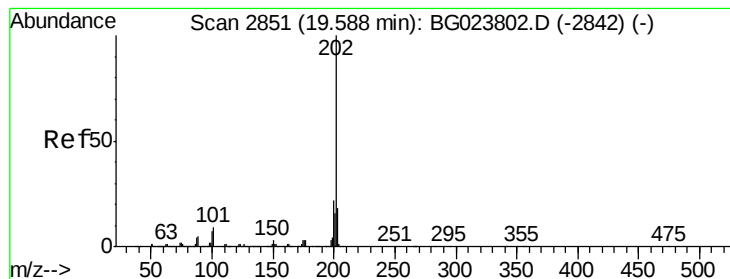
Tgt Ion:165 Resp: 218983
 Ion Ratio Lower Upper
 165 100
 63 50.8 25.7 38.5#
 182 3.0 2.1 3.1



#68
 Pentachlorophenol
 Concen: 23.04 ng/ul
 RT: 17.19 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG023816.D
 Acq: 20 Aug 2016 14:04

Tgt Ion:266 Resp: 118810
 Ion Ratio Lower Upper
 266 100
 264 64.5 54.7 82.1
 268 66.7 57.8 86.8





#74

Fluoranthene

Concen: 24.16 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.36 min

Lab File: BG023816.D

Acq: 20 Aug 2016 14:04

Instrument :

BNA_G

ClientSampleId :

JHPT9MSD

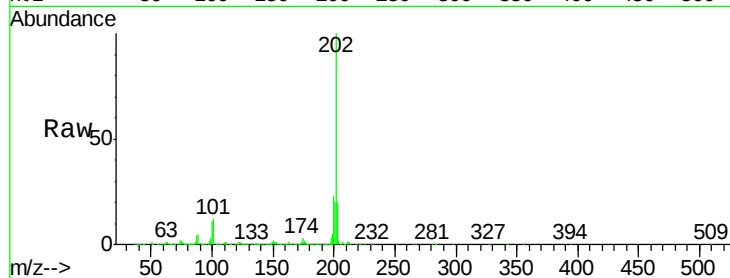
Tgt Ion:202 Resp: 1306494

Ion Ratio Lower Upper

202 100

101 12.2 10.6 16.0

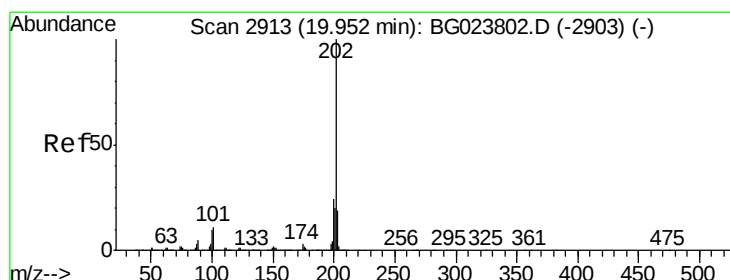
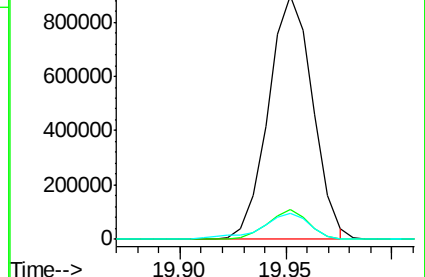
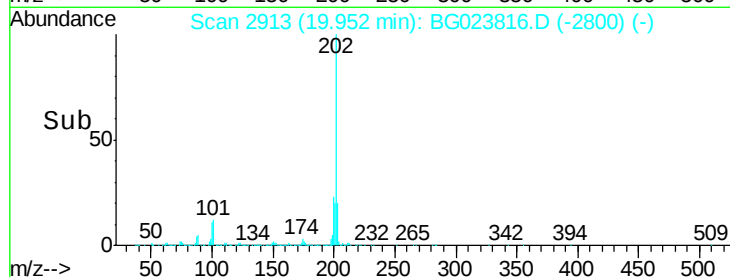
100 10.5 8.7 13.1



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



#77

Pyrene

Concen: 29.67 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG023816.D

Acq: 20 Aug 2016 14:04

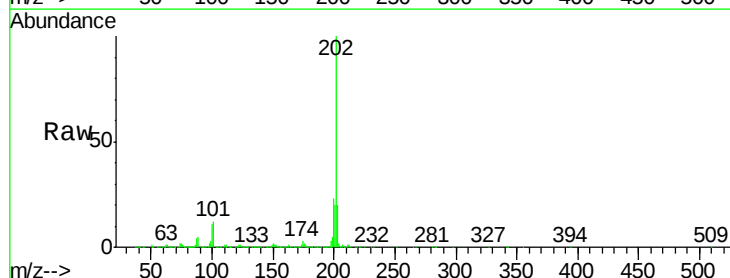
Tgt Ion:202 Resp: 1309607

Ion Ratio Lower Upper

202 100

101 12.2 12.5 18.7#

100 10.5 10.2 15.4



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

