

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
 Data File : BM008416.D
 Acq On : 17 Dec 2016 17:47
 Operator : UM/SJ
 Sample : H6067-21MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6MS

Quant Time: Dec 18 02:37:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 02:31:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	127444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	475742	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	290707	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	569562	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	710498	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	739990	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14653	5.41	ng/uL	0.00
5) Phenol-d5	6.85	99	314150	31.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	196658	34.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	257482	34.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	240766	31.44	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	125114	36.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	132397	34.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	232101	33.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	279076	34.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	708116	36.64	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	868711	38.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	67863	23.84	ng/ul	0.00
57) Fluorene-d10	15.30	176	604479	35.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	81310	23.98	ng/ul	0.00
70) Anthracene-d10	17.16	188	922709	37.19	ng/ul	0.00
76) Pyrene-d10	19.46	212	1075721	39.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1134147	36.50	ng/ul	0.00

Target Compounds

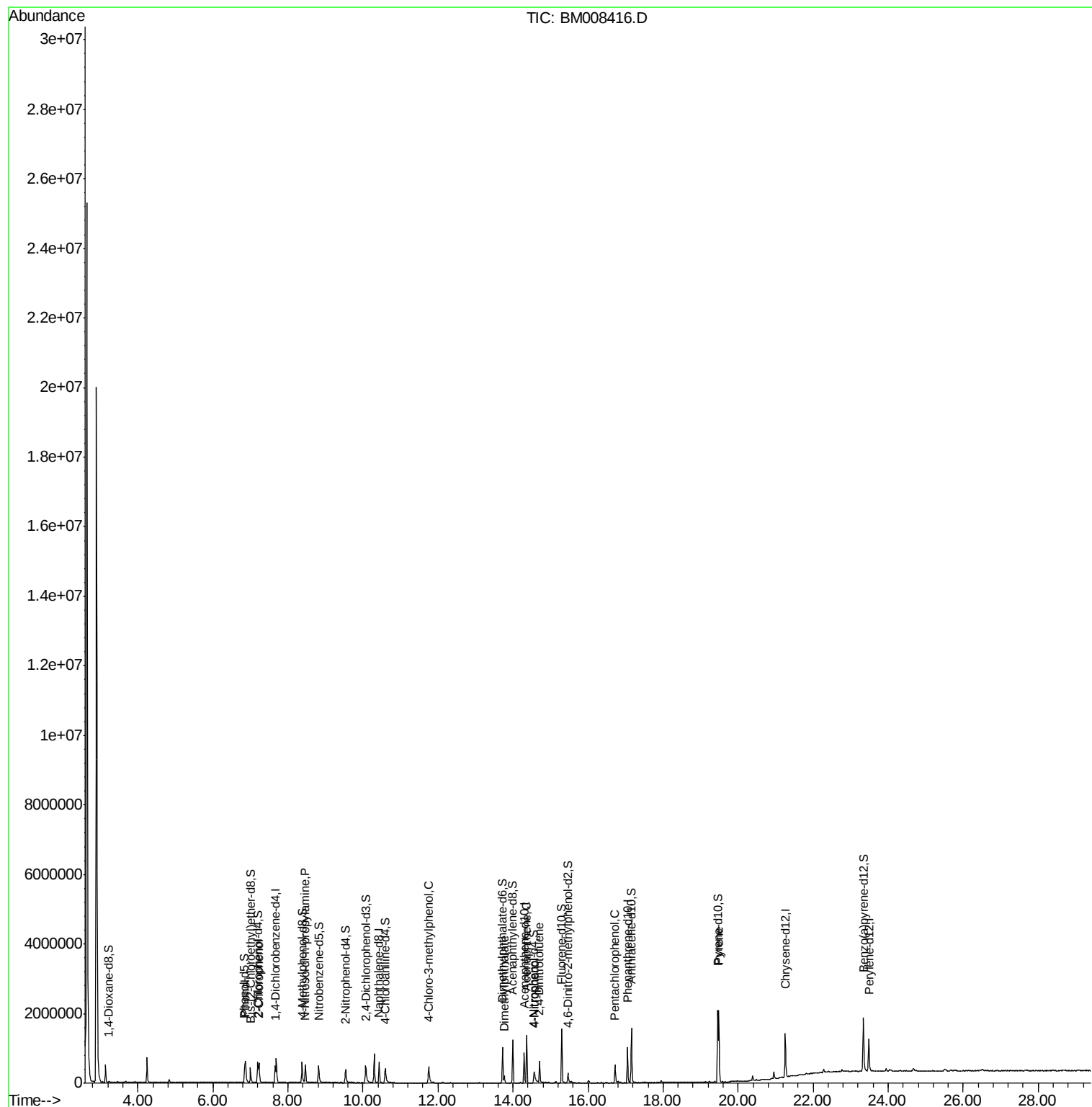
						Qvalue
6) Phenol	6.87	94	356563	34.73	ng/ul	97
10) 2-Chlorophenol	7.23	128	234536	31.22	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	202919	31.54	ng/ul	98
33) 4-Chloro-3-methylphenol	11.75	107	230924	30.33	ng/ul	97
44) Dimethylphthalate	13.77	163	127139	6.71	ng/ul	99
49) Acenaphthene	14.36	153	554187	34.70	ng/ul	99
52) 4-Nitrophenol	14.57	109	70584	25.85	ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	180251	32.62	ng/ul#	72
68) Pentachlorophenol	16.72	266	113787	29.69	ng/ul	97
77) Pyrene	19.49	202	1295339	37.13	ng/ul	100

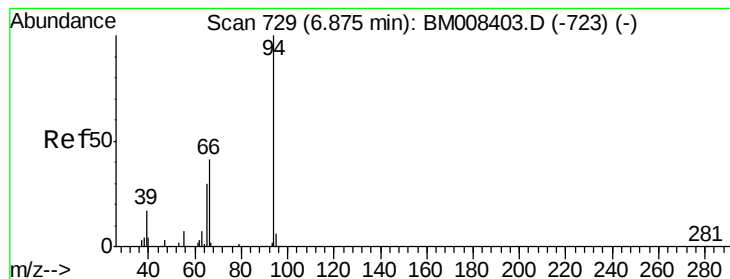
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 02:31:56 2016
Response via : Initial Calibration





#6

Phenol

Concen: 34.73 ng/ul

RT: 6.87 min Scan# 729

Delta R.T. -0.00 min

Lab File: BM008416.D

Acq: 17 Dec 2016 17:47

Instrument :

BNA_M

ClientSampleId :

DA7H6MS

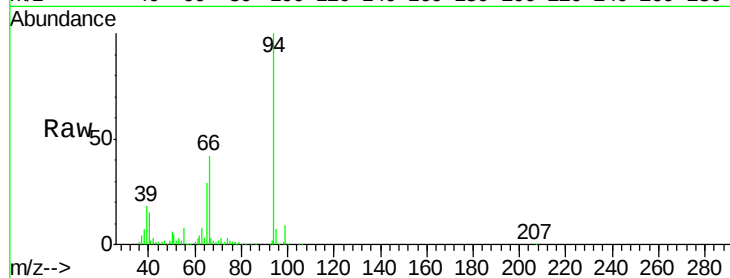
Tgt Ion: 94 Resp: 356563

Ion Ratio Lower Upper

94 100

65 29.0 22.6 34.0

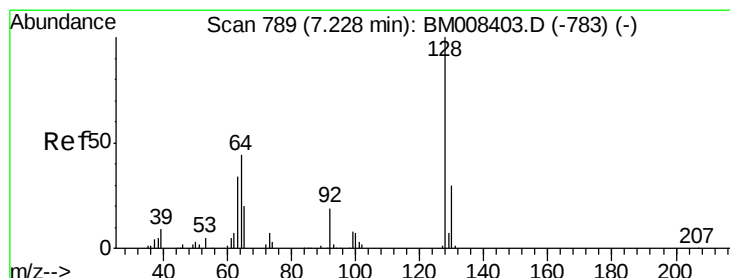
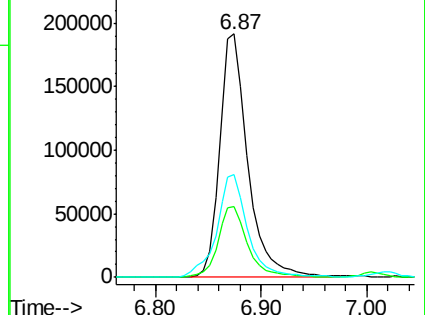
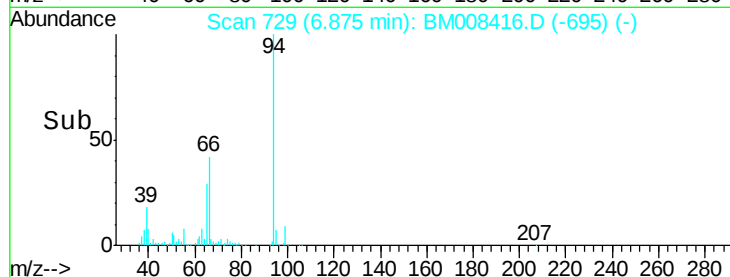
66 42.4 35.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BM008416.D (-695) (-)

Ion 65.00 (64.70 to 65.70): BM008416.D (-695) (-)

Ion 66.00 (65.70 to 66.70): BM008416.D (-695) (-)



#10

2-Chlorophenol

Concen: 31.22 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. -0.00 min

Lab File: BM008416.D

Acq: 17 Dec 2016 17:47

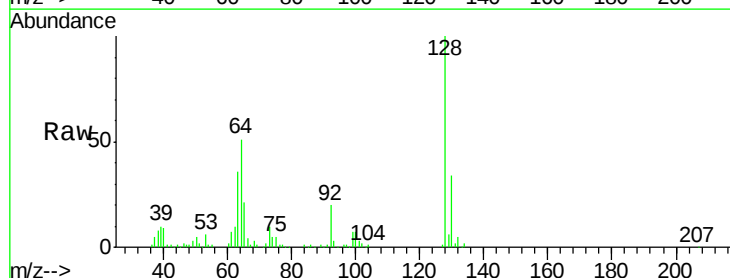
Tgt Ion: 128 Resp: 234536

Ion Ratio Lower Upper

128 100

64 50.6 40.0 60.0

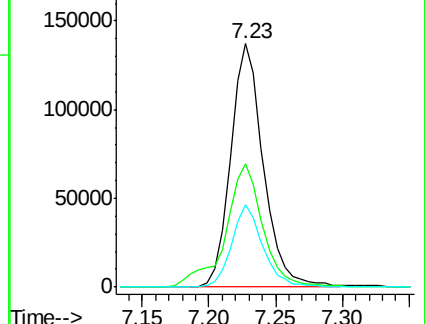
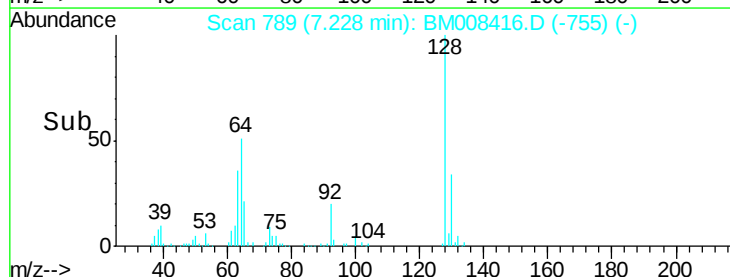
130 33.7 25.6 38.4

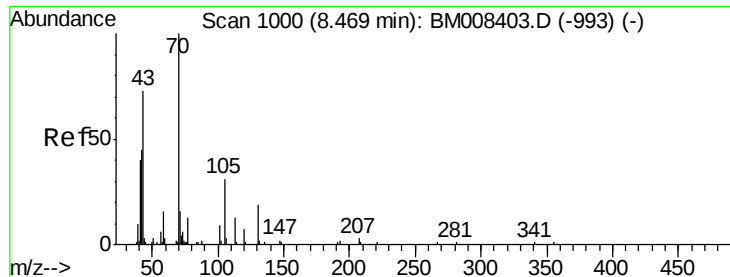


Abundance Ion 128.00 (127.70 to 128.70): BM008416.D (-755) (-)

Ion 64.00 (63.70 to 64.70): BM008416.D (-755) (-)

Ion 130.00 (129.70 to 130.70): BM008416.D (-755) (-)

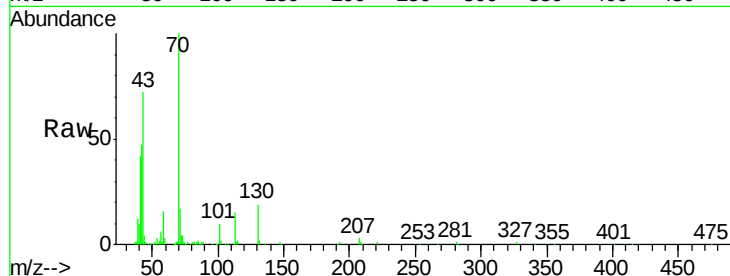




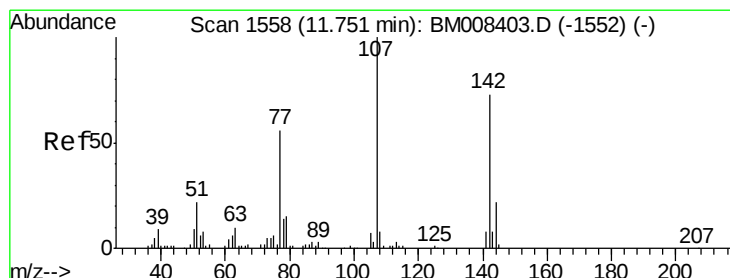
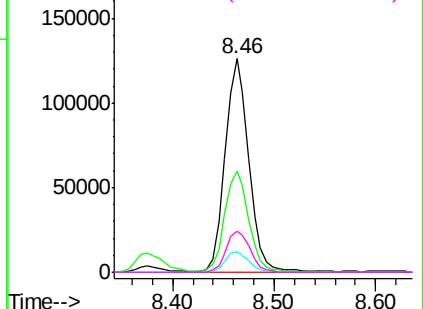
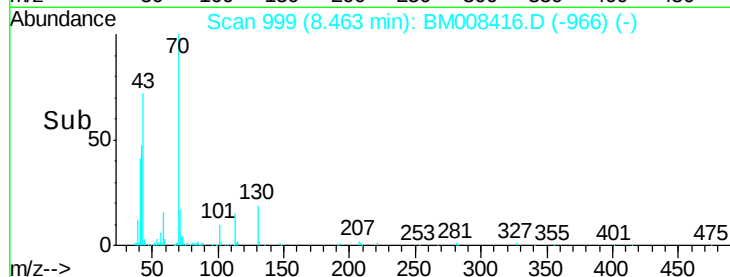
#15
N-Nitroso-di-n-propylamine
Concen: 31.54 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM008416.D
Acq: 17 Dec 2016 17:47

Instrument :
BNA_M
ClientSampleId :
DA7H6MS

Tgt Ion:	70	Resp:	202919
Ion	Ratio	Lower	Upper
70	100		
42	47.2	38.6	57.8
101	9.7	8.2	12.4
130	19.3	16.6	24.8

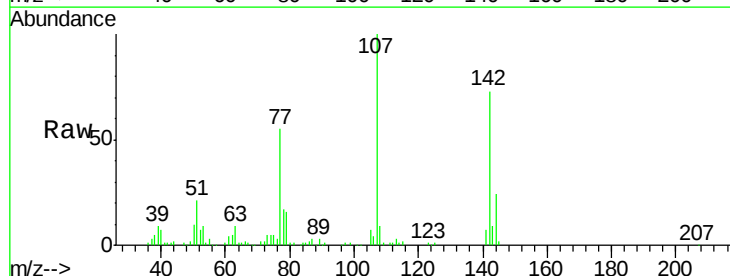


Abundance Ion 70.00 (69.70 to 70.70): BM008416.D (-996) (-)
Ion 42.00 (41.70 to 42.70): BM008416.D (-996) (-)
Ion 101.00 (100.70 to 101.70): BM008416.D (-996) (-)
Ion 130.00 (129.70 to 130.70): BM008416.D (-996) (-)

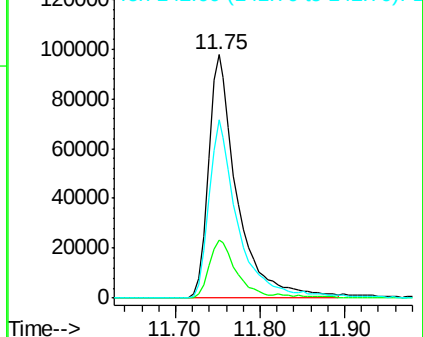
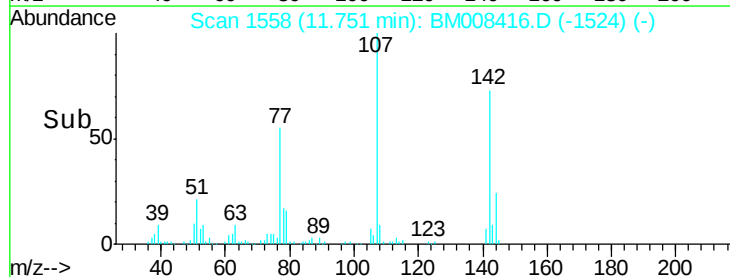


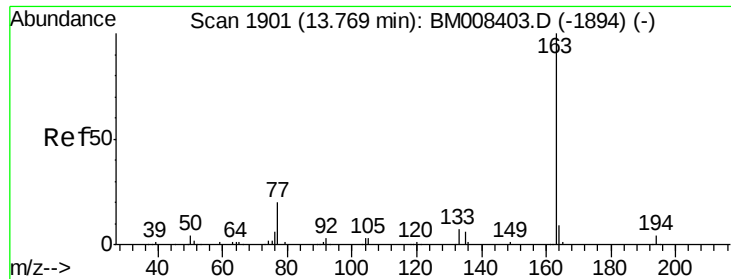
#33
4-Chloro-3-methylphenol
Concen: 30.33 ng/ul
RT: 11.75 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BM008416.D
Acq: 17 Dec 2016 17:47

Tgt Ion:	107	Resp:	230924
Ion	Ratio	Lower	Upper
107	100		
144	23.9	17.9	26.9
142	73.3	57.0	85.6



Abundance Ion 107.00 (106.70 to 107.70): BM008416.D (-1524) (-)
Ion 144.00 (143.70 to 144.70): BM008416.D (-1524) (-)
Ion 142.00 (141.70 to 142.70): BM008416.D (-1524) (-)





#44

Dimethylphthalate

Concen: 6.71 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BM008416.D

Acq: 17 Dec 2016 17:47

Instrument :

BNA_M

ClientSampled :

DA7H6MS

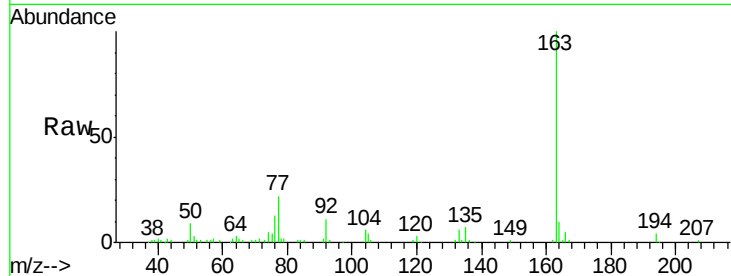
Tgt Ion:163 Resp: 127139

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

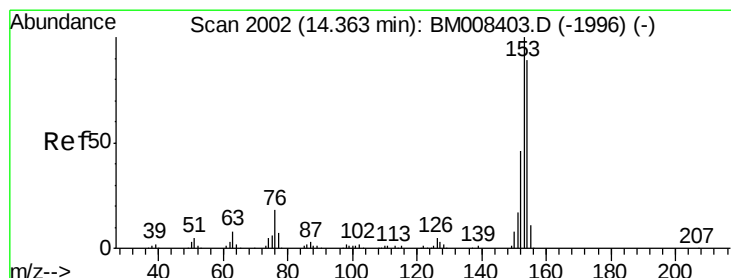
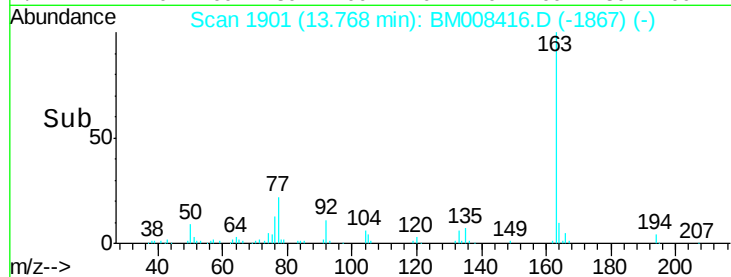
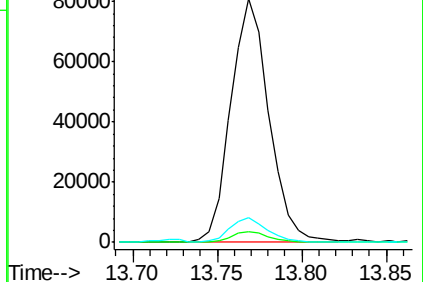
164 10.0 7.8 11.8



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: 34.70 ng/ul

RT: 14.36 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BM008416.D

Acq: 17 Dec 2016 17:47

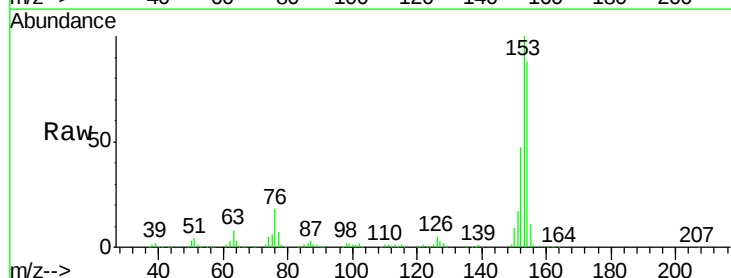
Tgt Ion:153 Resp: 554187

Ion Ratio Lower Upper

153 100

152 47.2 36.6 54.8

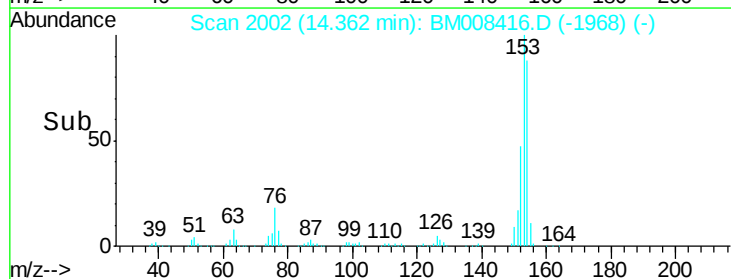
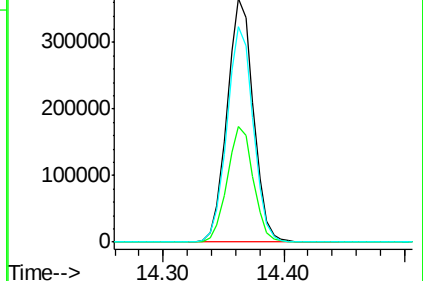
154 88.4 71.4 107.2

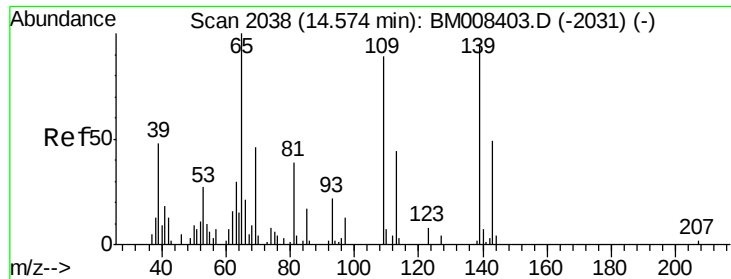


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

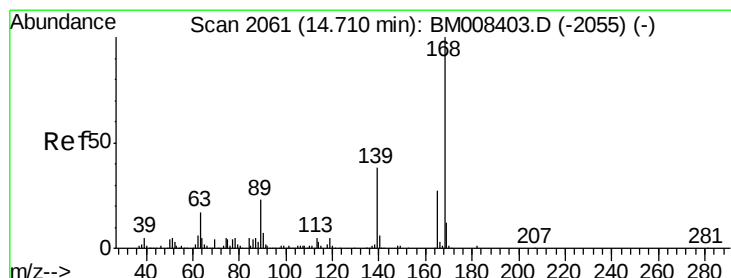
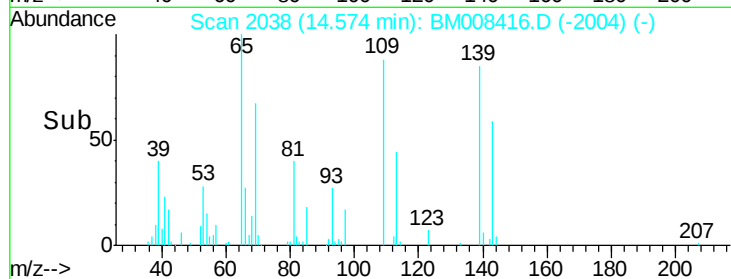
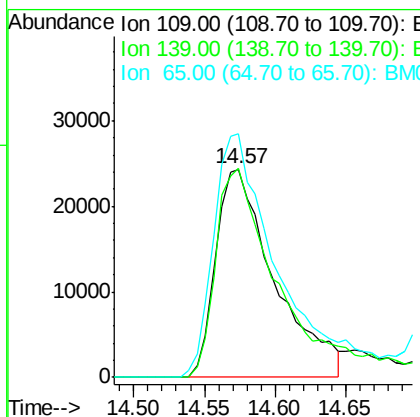
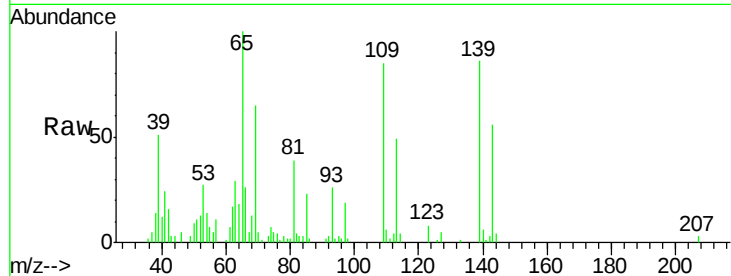




#52
4-Nitrophenol
Concen: 25.85 ng/ul
RT: 14.57 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BM008416.D
Acq: 17 Dec 2016 17:47

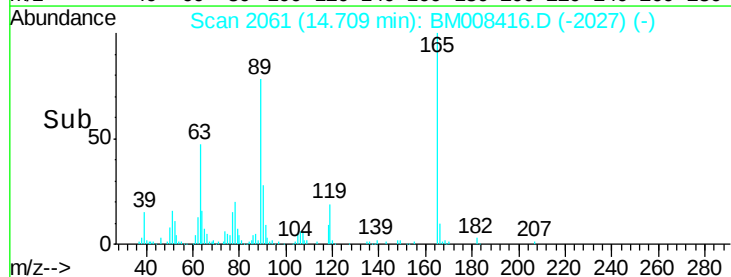
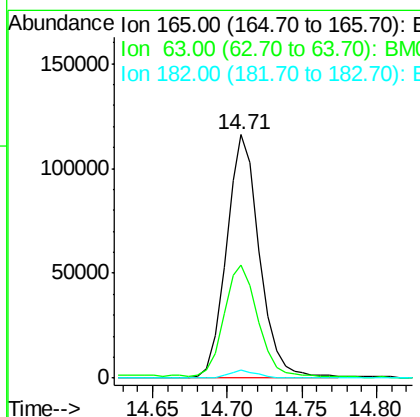
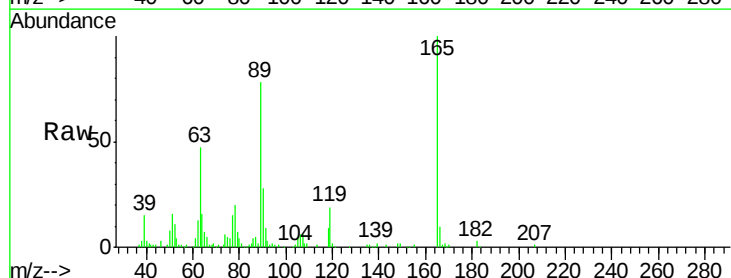
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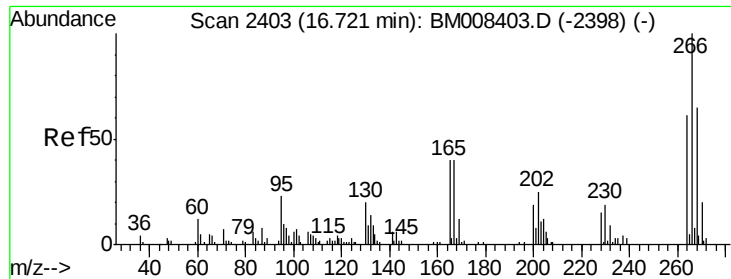
Tgt Ion:109 Resp: 70584
Ion Ratio Lower Upper
109 100
139 100.7 83.3 124.9
65 117.1 93.0 139.4



#54
2,4-Dinitrotoluene
Concen: 32.62 ng/ul
RT: 14.71 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BM008416.D
Acq: 17 Dec 2016 17:47

Tgt Ion:165 Resp: 180251
Ion Ratio Lower Upper
165 100
63 46.7 56.8 85.2#
182 3.4 2.3 3.5

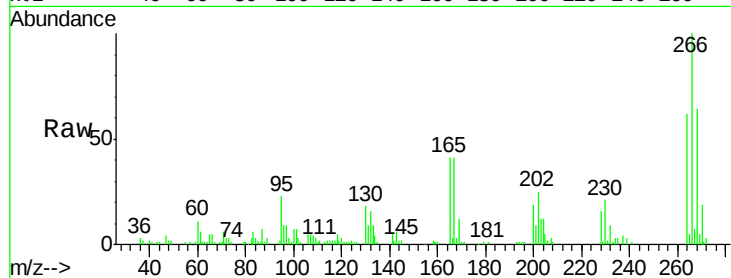




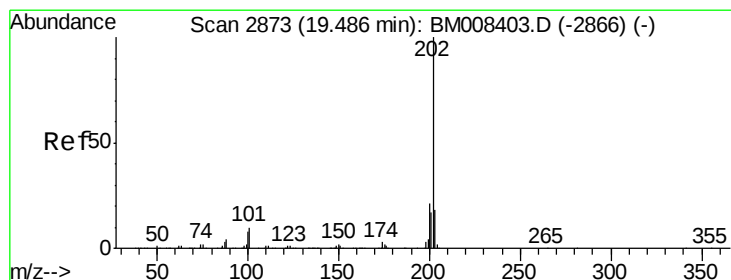
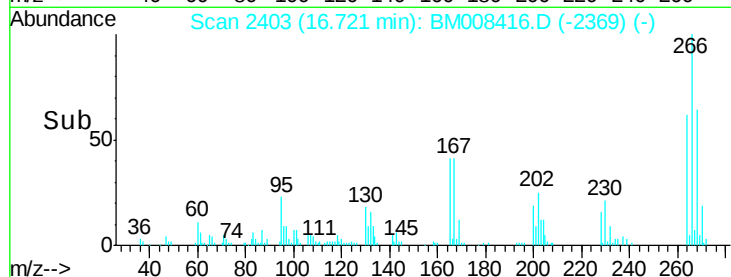
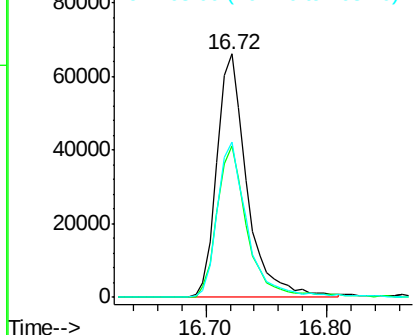
#68
 Pentachlorophenol
 Concen: 29.69 ng/ul
 RT: 16.72 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BM008416.D
 Acq: 17 Dec 2016 17:47

Instrument :
 BNA_M
 ClientSampleId :
 DA7H6MS

Tgt Ion:266 Resp: 113787
 Ion Ratio Lower Upper
 266 100
 264 62.1 47.9 71.9
 268 63.8 49.0 73.6

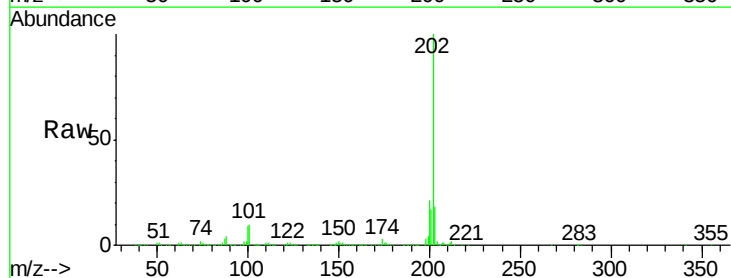


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 37.13 ng/ul
 RT: 19.49 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: BM008416.D
 Acq: 17 Dec 2016 17:47

Tgt Ion:202 Resp: 1295339
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.2 12.4
 100 8.8 7.0 10.6



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

