

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
 Data File : BM008318.D
 Acq On : 14 Dec 2016 20:47
 Operator : UM/SJ
 Sample : H5996-12MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA873MSD

Quant Time: Dec 15 02:33:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 02:28:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	137909	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	557832	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	364605	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	680735	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	749831	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	743165	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	3232	1.10	ng/uL	0.00
5) Phenol-d5	6.86	99	51019	4.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	147870	24.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	155948	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	97397	11.75	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	101457	25.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	110115	24.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	181811	22.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	14373	1.53	ng/ul	0.05
43) Dimethylphthalate-d6	13.73	166	683835	28.21	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	805214	28.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	4021	1.13	ng/ul	0.03
57) Fluorene-d10	15.31	176	576937	27.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	88326	21.80	ng/ul	0.00
70) Anthracene-d10	17.16	188	866309	29.21	ng/ul	0.00
76) Pyrene-d10	19.46	212	975091	33.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	925382	29.65	ng/ul	0.00

Target Compounds

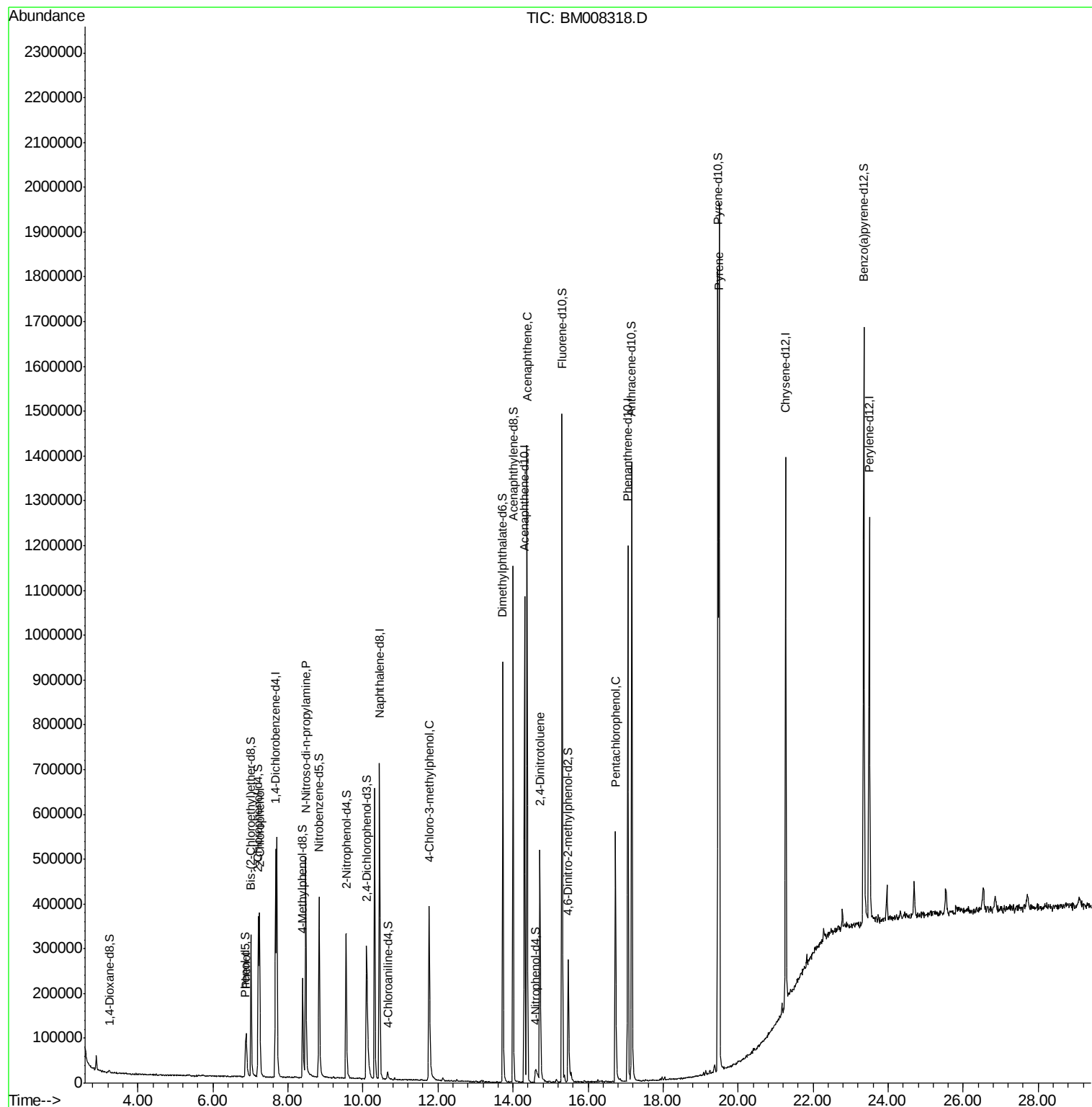
						Qvalue
6) Phenol	6.89	94	58755	5.29	ng/ul	95
10) 2-Chlorophenol	7.24	128	161126	19.82	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	193328	27.77	ng/ul	99
33) 4-Chloro-3-methylphenol	11.76	107	193936	21.72	ng/ul	99
49) Acenaphthene	14.37	153	558643	27.89	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	177622	25.63	ng/ul#	73
68) Pentachlorophenol	16.73	266	121661	26.56	ng/ul	97
77) Pyrene	19.49	202	1241522	33.72	ng/ul	99

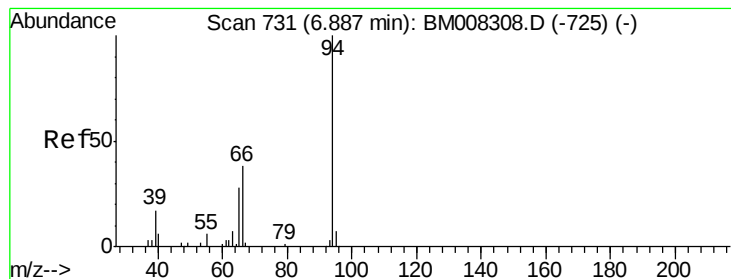
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.29 ng/ul

RT: 6.89 min Scan# 732

Delta R.T. 0.01 min

Lab File: BM008318.D

Acq: 14 Dec 2016 20:47

Instrument :

BNA_M

ClientSampleId :

DA873MSD

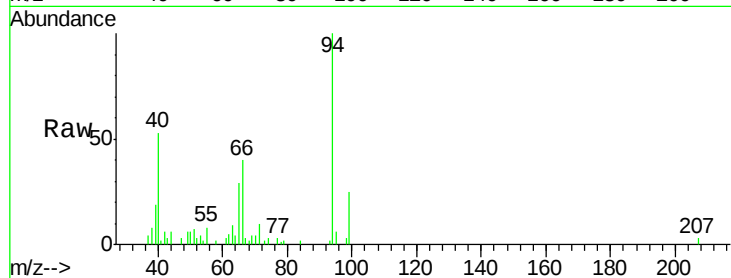
Tgt Ion: 94 Resp: 58755

Ion Ratio Lower Upper

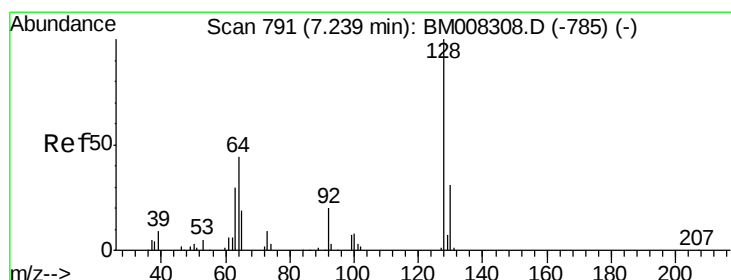
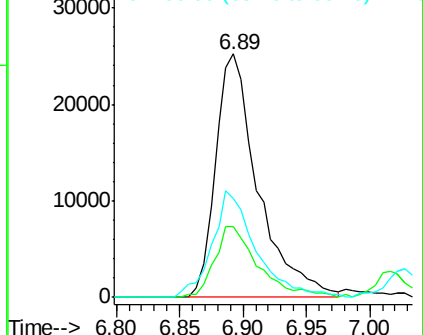
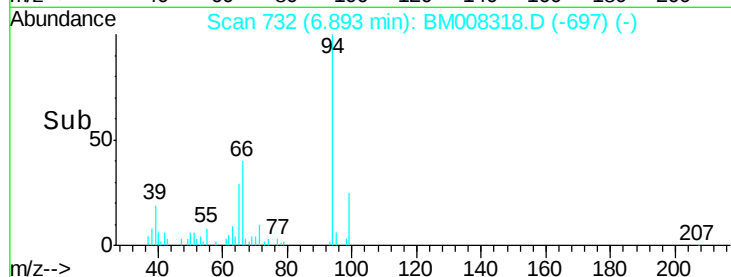
94 100

65 28.8 22.6 34.0

66 40.4 35.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BM008318.D (-697) (-)



#10

2-Chlorophenol

Concen: 19.82 ng/ul

RT: 7.24 min Scan# 791

Delta R.T. 0.00 min

Lab File: BM008318.D

Acq: 14 Dec 2016 20:47

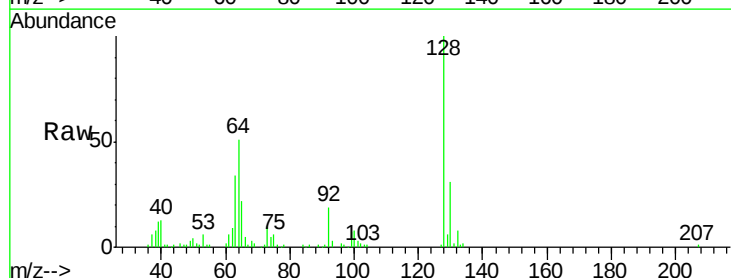
Tgt Ion: 128 Resp: 161126

Ion Ratio Lower Upper

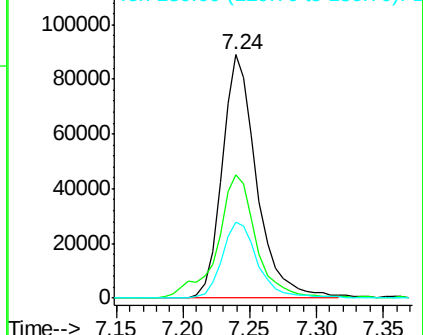
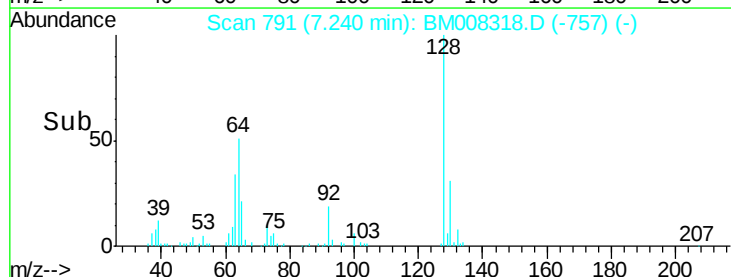
128 100

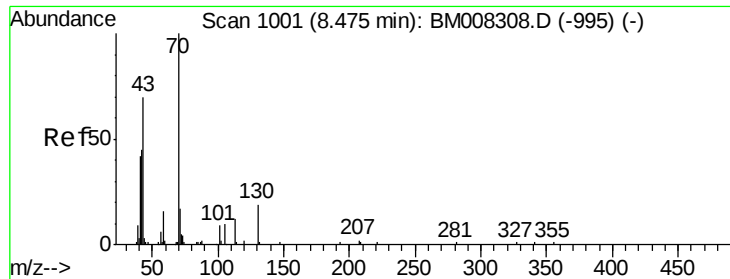
64 50.7 40.0 60.0

130 31.4 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): BM008318.D (-757) (-)

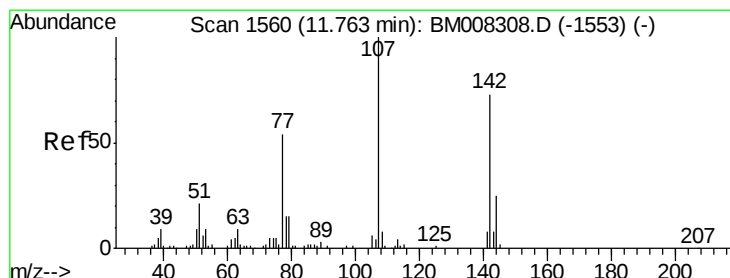
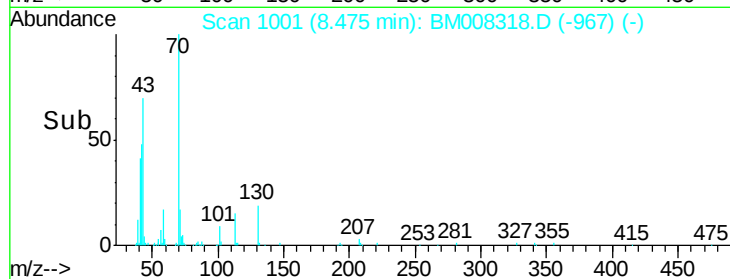
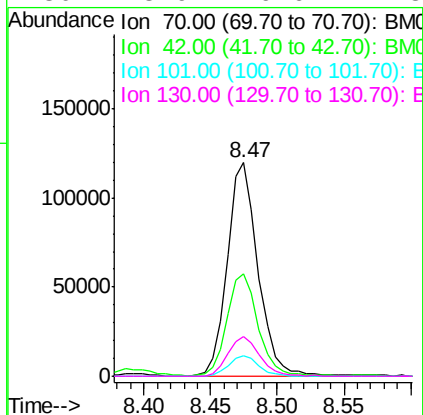
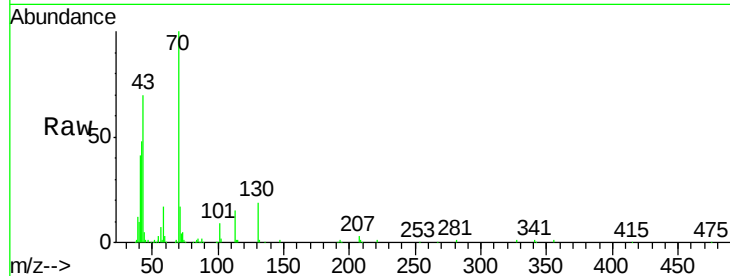




#15
N-Nitroso-di-n-propylamine
Concen: 27.77 ng/ul
RT: 8.47 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BM008318.D
Acq: 14 Dec 2016 20:47

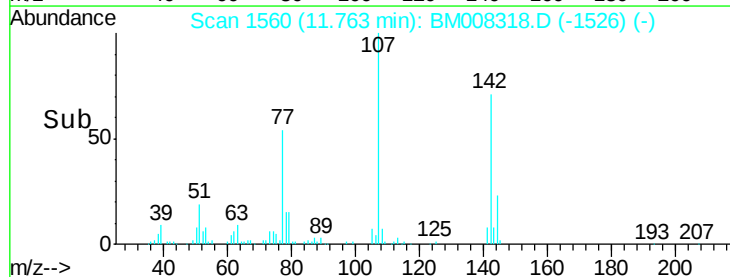
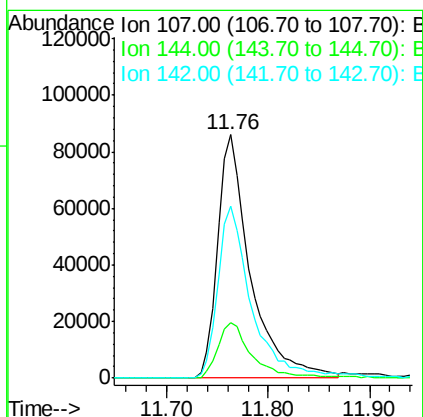
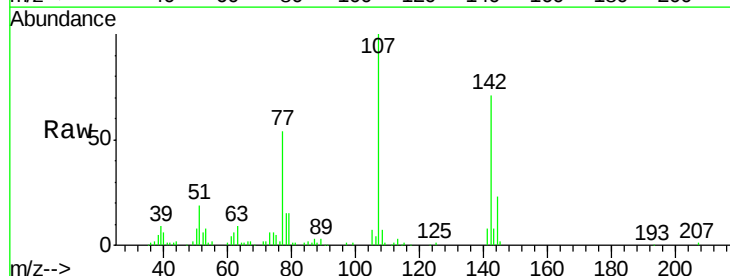
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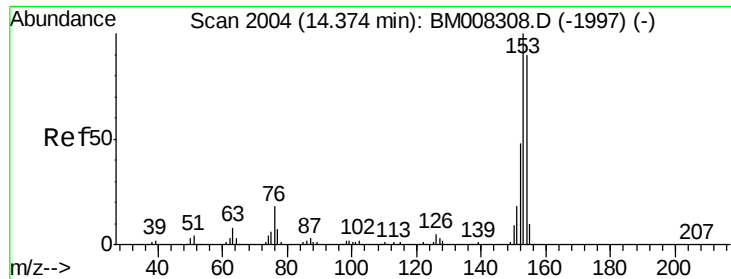
Tgt Ion:	70	Resp:	193328
Ion	Ratio	Lower	Upper
70	100		
42	48.2	38.6	57.8
101	9.3	8.2	12.4
130	18.9	16.6	24.8



#33
4-Chloro-3-methylphenol
Concen: 21.72 ng/ul
RT: 11.76 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BM008318.D
Acq: 14 Dec 2016 20:47

Tgt Ion:	107	Resp:	193936
Ion	Ratio	Lower	Upper
107	100		
144	23.0	17.9	26.9
142	70.5	57.0	85.6





#49

Acenaphthene

Concen: 27.89 ng/u1

RT: 14.37 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BM008318.D

Acq: 14 Dec 2016 20:47

Instrument :

BNA_M

ClientSampleId :

DA873MSD

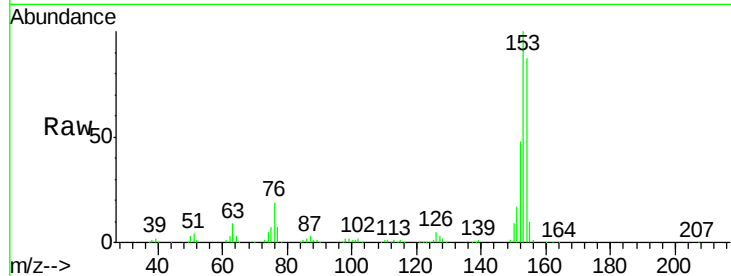
Tgt Ion:153 Resp: 558643

Ion Ratio Lower Upper

153 100

152 47.6 36.6 54.8

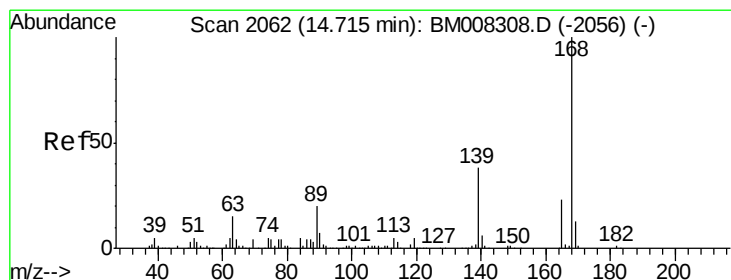
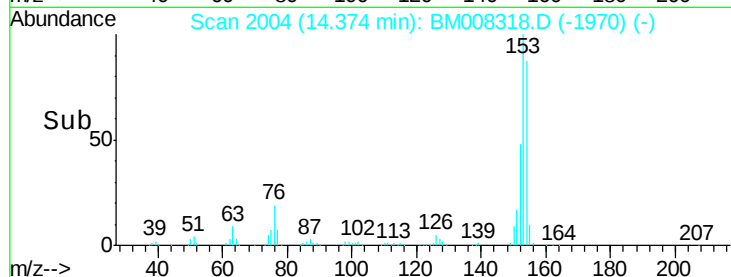
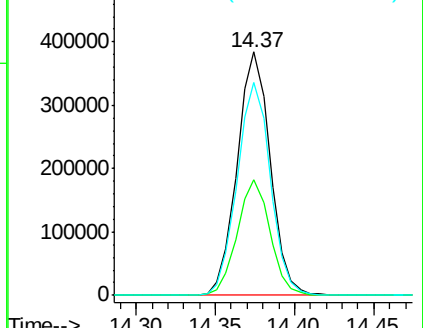
154 87.4 71.4 107.2



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



#54

2,4-Dinitrotoluene

Concen: 25.63 ng/u1

RT: 14.72 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BM008318.D

Acq: 14 Dec 2016 20:47

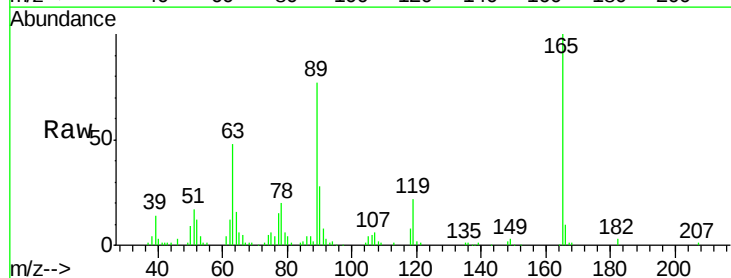
Tgt Ion:165 Resp: 177622

Ion Ratio Lower Upper

165 100

63 47.8 56.8 85.2#

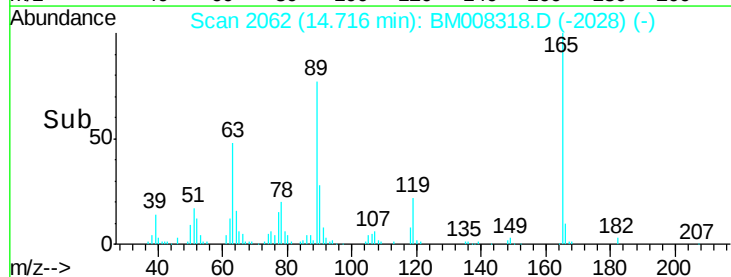
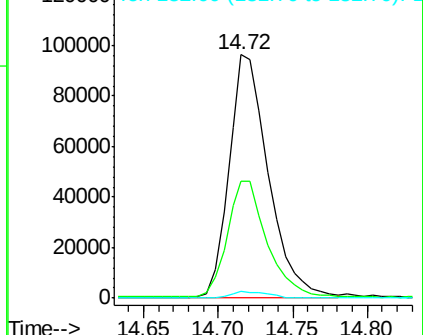
182 2.9 2.3 3.5

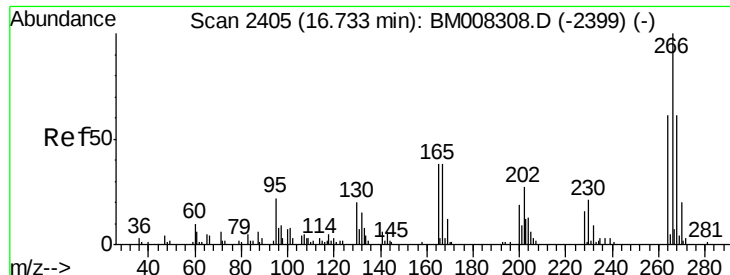


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

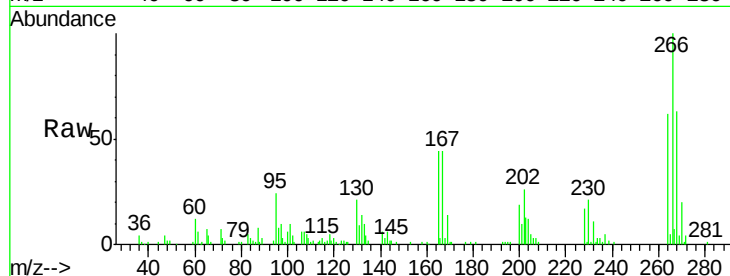




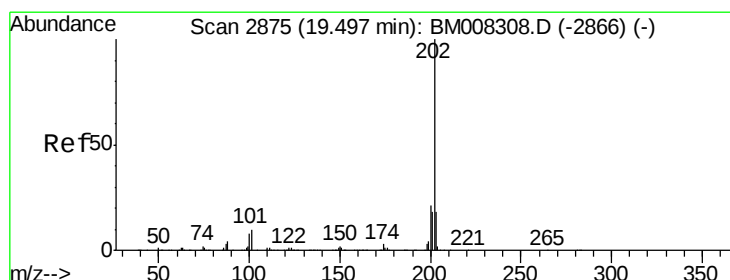
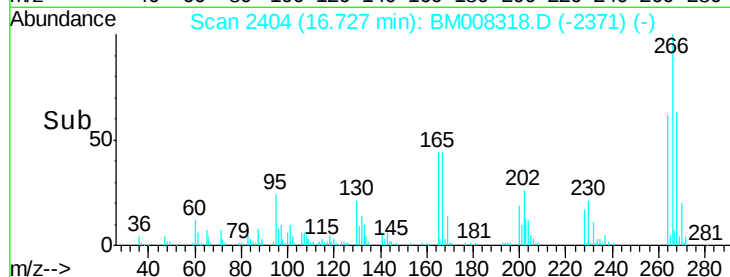
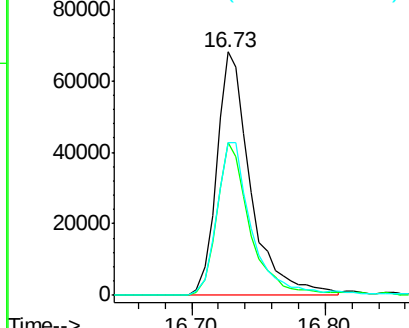
#68
 Pentachlorophenol
 Concen: 26.56 ng/ul
 RT: 16.73 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM008318.D
 Acq: 14 Dec 2016 20:47

Instrument :
 BNA_M
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 DA873MSD

Tgt Ion:266 Resp: 121661
 Ion Ratio Lower Upper
 266 100
 264 62.5 47.9 71.9
 268 62.9 49.0 73.6

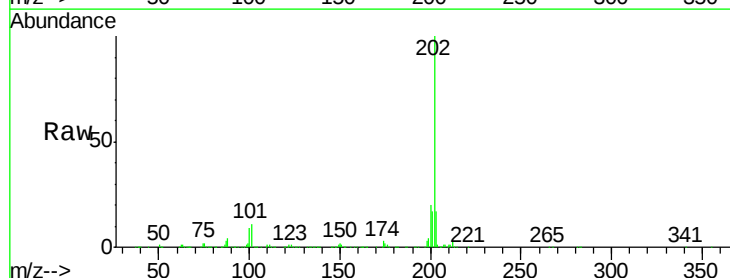


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 33.72 ng/ul
 RT: 19.49 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: BM008318.D
 Acq: 14 Dec 2016 20:47

Tgt Ion:202 Resp: 1241522
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.2 12.4
 100 9.1 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

