

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005432.D
 Acq On : 13 May 2016 14:49
 Operator : UM/SJ
 Sample : H2874-11
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4113MSD

Quant Time: May 14 00:20:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	69588	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	328113	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	211575	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	519223	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	622010	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	524407	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1695	1.15	ng/uL	0.00
5) Phenol-d5	6.93	99	37064	5.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	108437	30.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	115294	24.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	74536	14.29	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	76510	32.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	88088	33.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	138186	28.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	15486	2.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	536259	31.62	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	631523	31.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	15627	5.05	ng/ul	0.00
57) Fluorene-d10	15.39	176	460842	31.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	87980	30.12	ng/ul	0.00
70) Anthracene-d10	17.24	188	738585	32.18	ng/ul	0.00
76) Pyrene-d10	19.54	212	864218	30.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	749724	32.30	ng/ul	0.00

Target Compounds

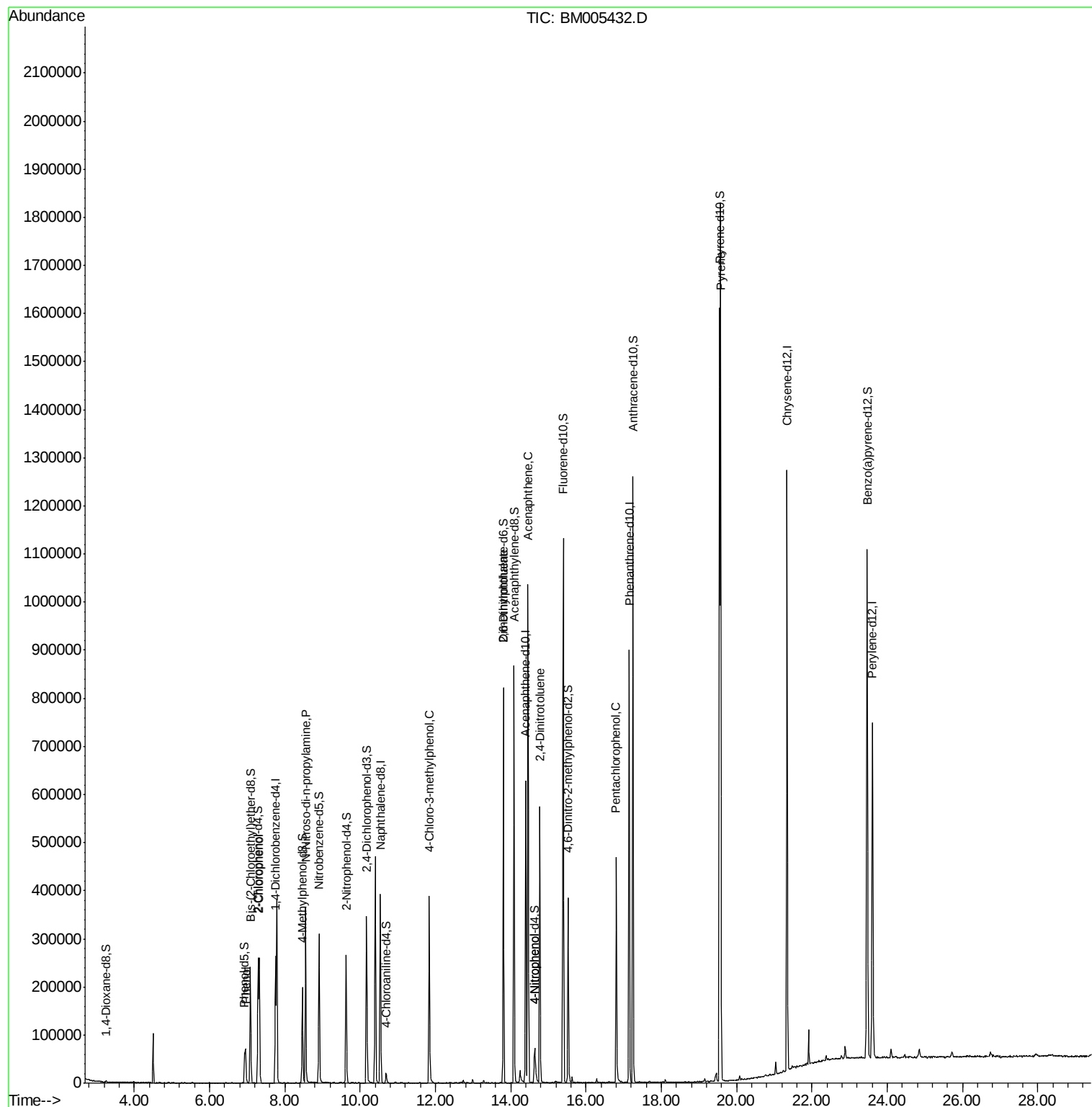
						Qvalue
6) Phenol	6.96	94	40790	6.25	ng/ul	99
10) 2-Chlorophenol	7.32	128	115947	23.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	133569	33.08	ng/ul	99
33) 4-Chloro-3-methylphenol	11.83	107	156784	25.90	ng/ul	98
45) 2,6-Dinitrotoluene	13.80	165	3621	1.08	ng/ul#	41
49) Acenaphthene	14.46	153	432193	31.16	ng/ul	99
52) 4-Nitrophenol	14.64	109	13641	5.30	ng/ul	94
54) 2,4-Dinitrotoluene	14.77	165	165830	33.28	ng/ul	100
68) Pentachlorophenol	16.80	266	89094	28.72	ng/ul	98
77) Pyrene	19.57	202	1077410	29.86	ng/ul	98

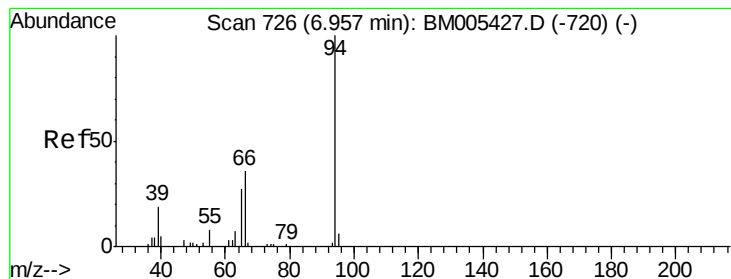
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.25 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM005432.D

Acq: 13 May 2016 14:49

Instrument :

BNA_M

ClientSampleId :

H4113MSD

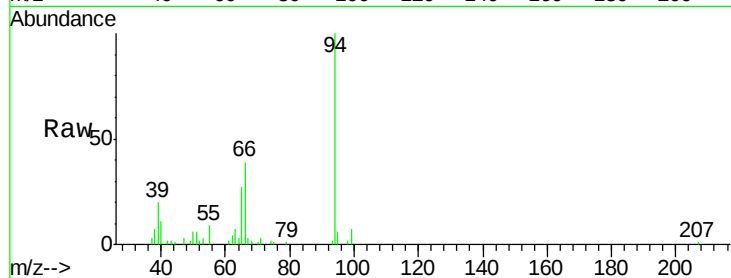
Tgt Ion: 94 Resp: 40790

Ion Ratio Lower Upper

94 100

65 27.5 22.7 34.1

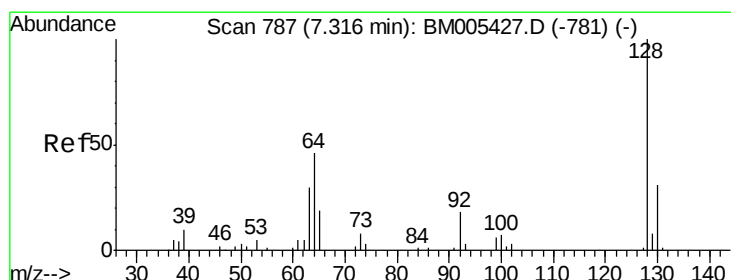
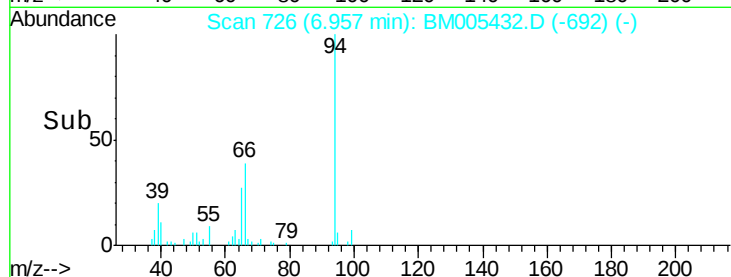
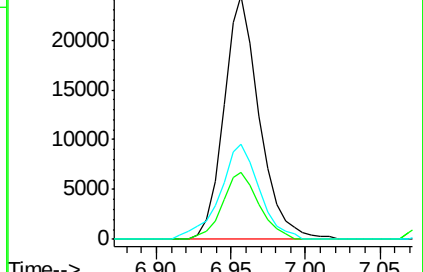
66 39.2 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005432.D (-692) (-)

Ion 65.00 (64.70 to 65.70): BM005432.D (-692) (-)

Ion 66.00 (65.70 to 66.70): BM005432.D (-692) (-)



#10

2-Chlorophenol

Concen: 23.78 ng/ul

RT: 7.32 min Scan# 787

Delta R.T. -0.00 min

Lab File: BM005432.D

Acq: 13 May 2016 14:49

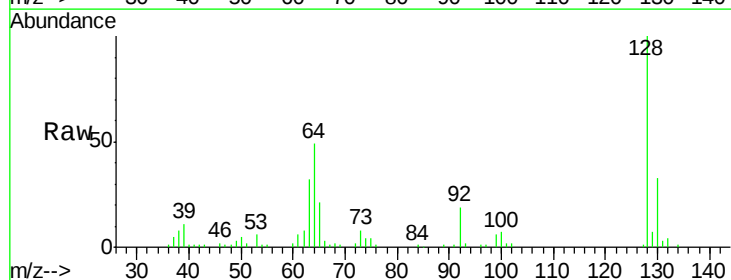
Tgt Ion: 128 Resp: 115947

Ion Ratio Lower Upper

128 100

64 49.1 37.8 56.8

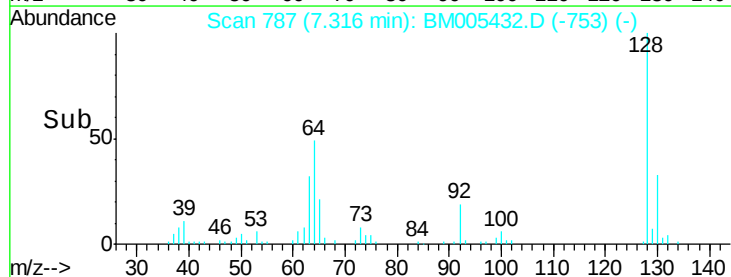
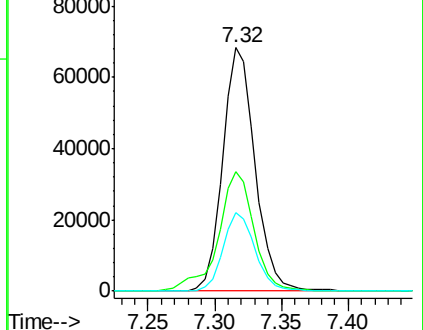
130 32.5 24.9 37.3

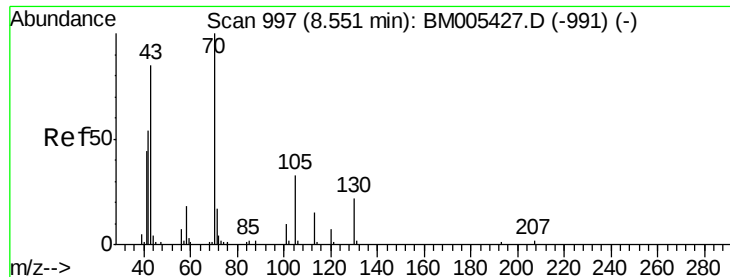


Abundance Ion 128.00 (127.70 to 128.70): BM005432.D (-753) (-)

Ion 64.00 (63.70 to 64.70): BM005432.D (-753) (-)

Ion 130.00 (129.70 to 130.70): BM005432.D (-753) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 33.08 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. -0.00 min

Lab File: BM005432.D

Acq: 13 May 2016 14:49

Instrument :

BNA_M

ClientSampleId :

H4113MSD

Tgt Ion: 70 Resp: 133569

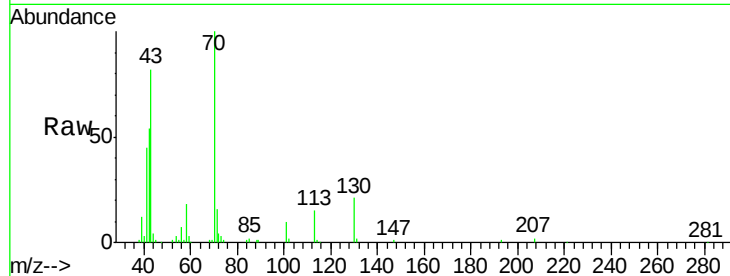
Ion Ratio Lower Upper

70 100

42 53.8 42.8 64.2

101 10.0 7.8 11.6

130 21.1 15.7 23.5

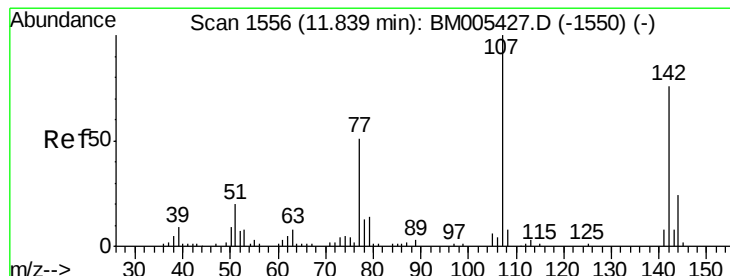
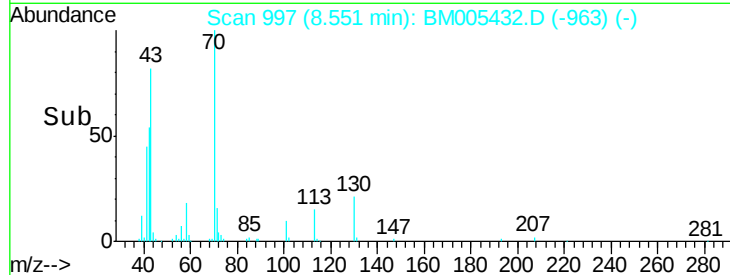
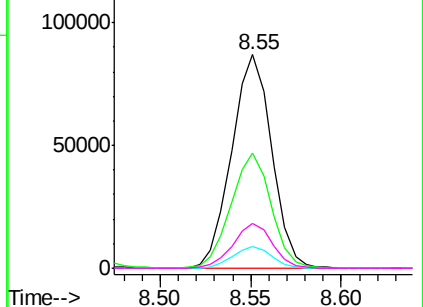


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 25.90 ng/ul

RT: 11.83 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM005432.D

Acq: 13 May 2016 14:49

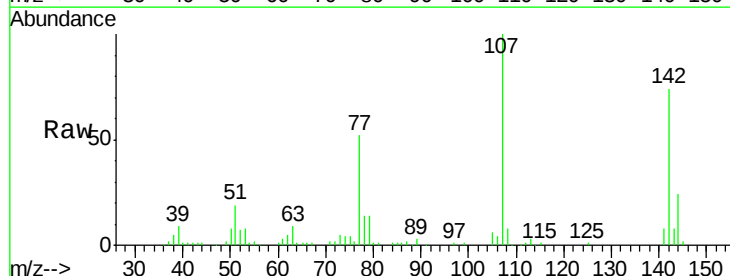
Tgt Ion: 107 Resp: 156784

Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

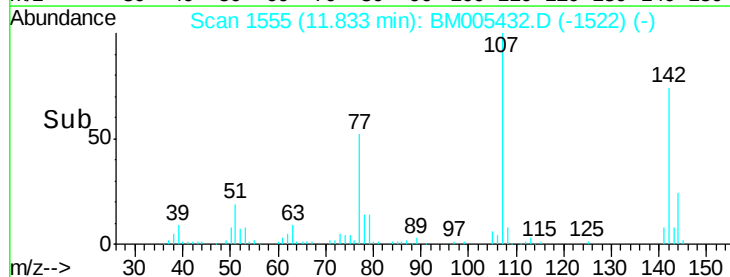
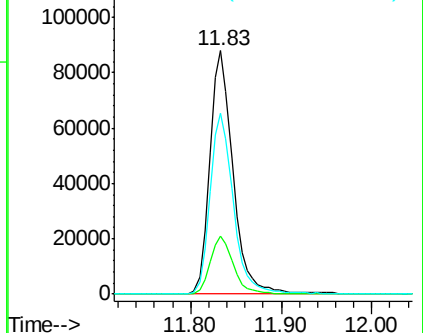
142 74.1 60.8 91.2

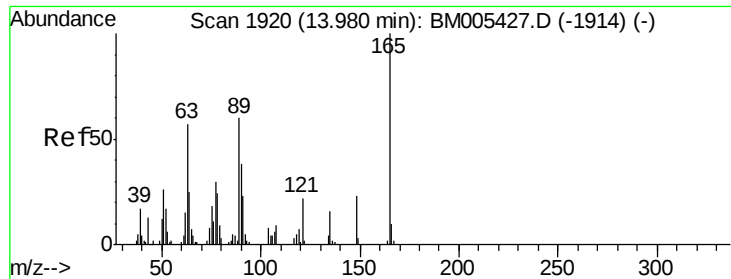


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

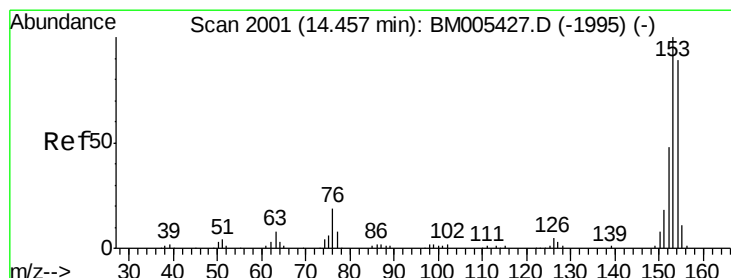
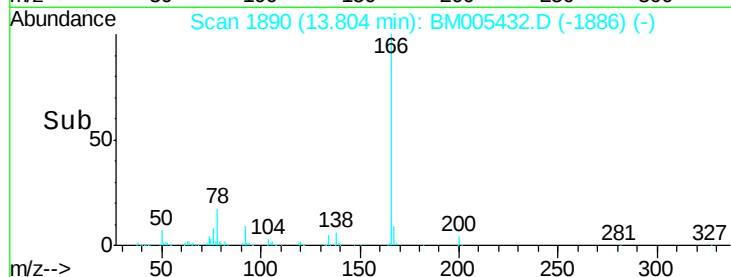
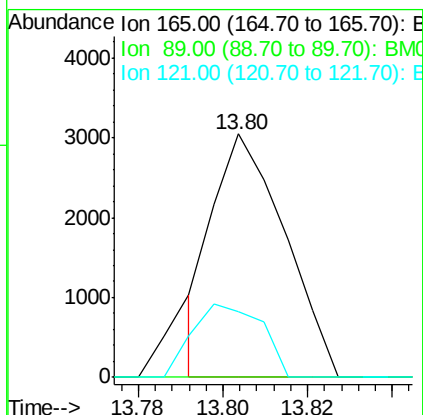
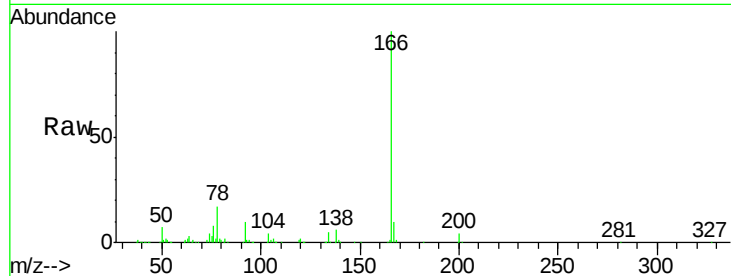




#45
 2,6-Dinitrotoluene
 Concen: 1.08 ng/ul
 RT: 13.80 min Scan# 1890
 Delta R.T. -0.18 min
 Lab File: BM005432.D
 Acq: 13 May 2016 14:49

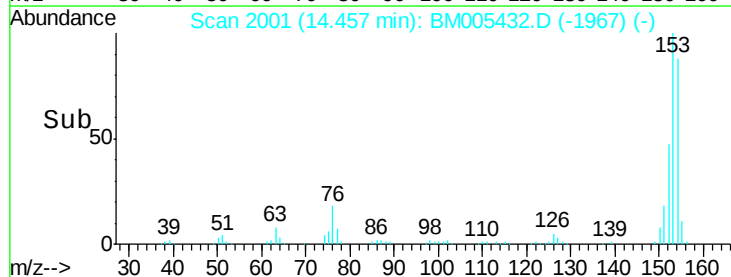
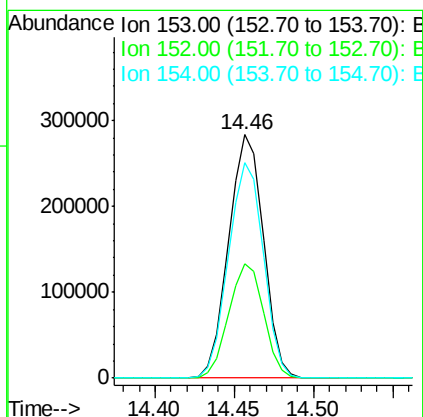
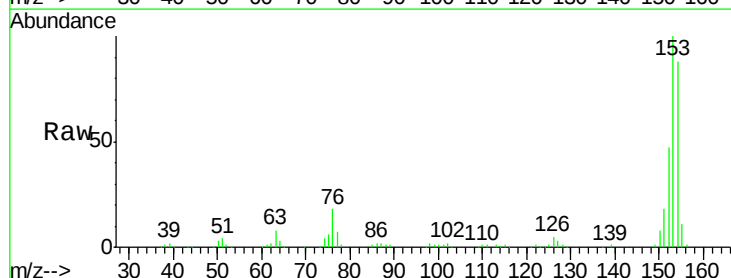
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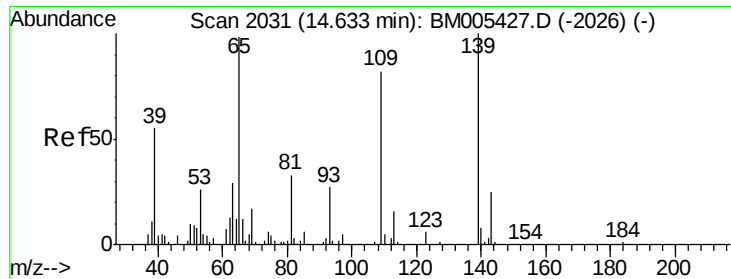
Tgt Ion:165 Resp: 3621
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 27.2 21.0 31.4



#49
 Acenaphthene
 Concen: 31.16 ng/ul
 RT: 14.46 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BM005432.D
 Acq: 13 May 2016 14:49

Tgt Ion:153 Resp: 432193
 Ion Ratio Lower Upper
 153 100
 152 47.2 38.9 58.3
 154 88.3 70.3 105.5

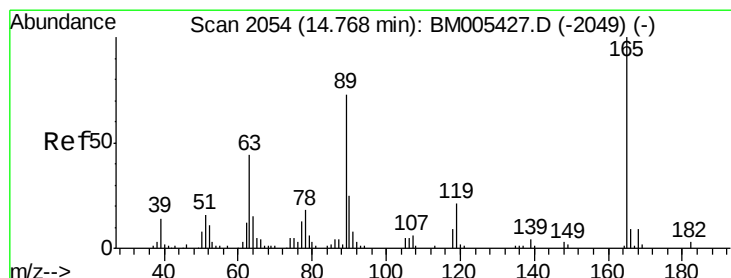
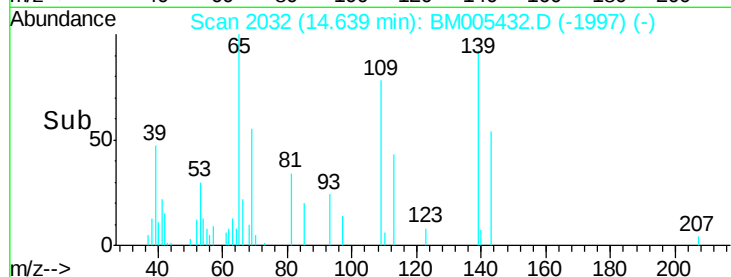
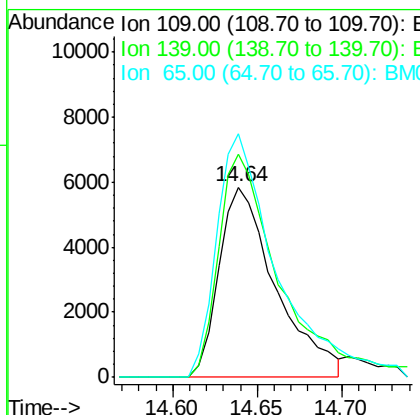
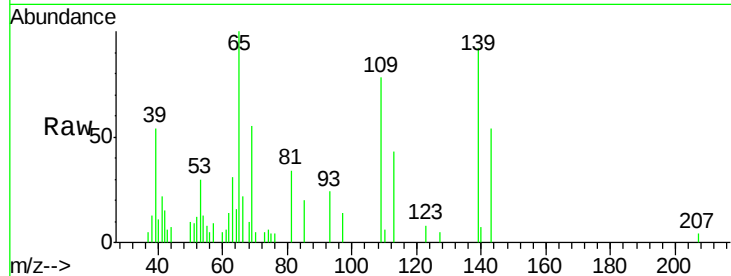




#52
4-Nitrophenol
Concen: 5.30 ng/ul
RT: 14.64 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BM005432.D
Acq: 13 May 2016 14:49

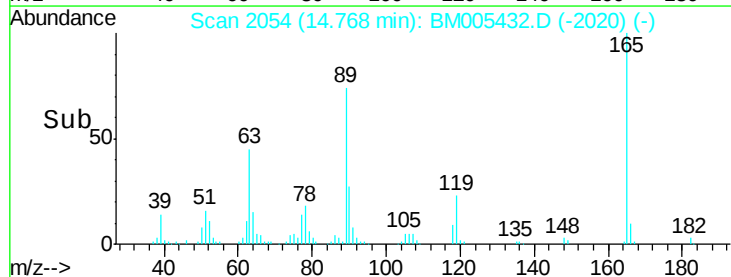
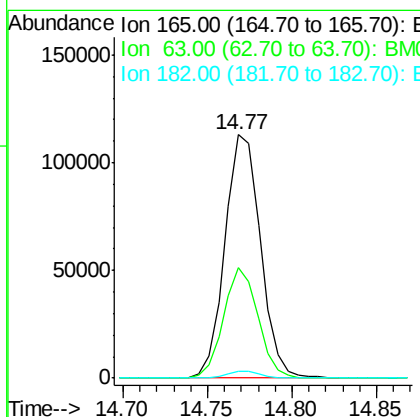
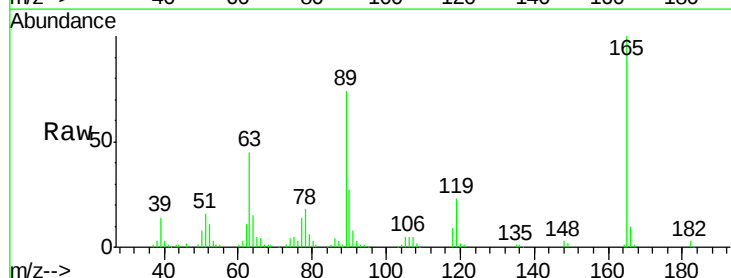
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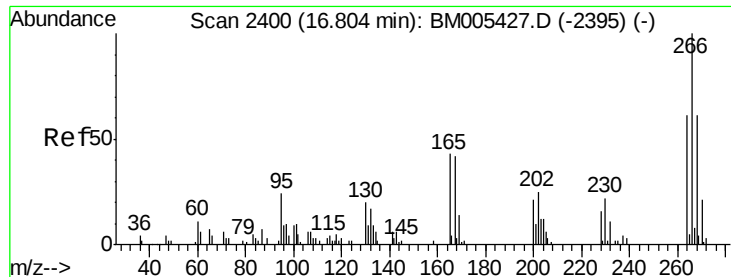
Tgt Ion:109 Resp: 13641
Ion Ratio Lower Upper
109 100
139 117.5 103.6 155.4
65 127.9 104.7 157.1



#54
2,4-Dinitrotoluene
Concen: 33.28 ng/ul
RT: 14.77 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BM005432.D
Acq: 13 May 2016 14:49

Tgt Ion:165 Resp: 165830
Ion Ratio Lower Upper
165 100
63 45.5 36.2 54.4
182 3.0 2.5 3.7

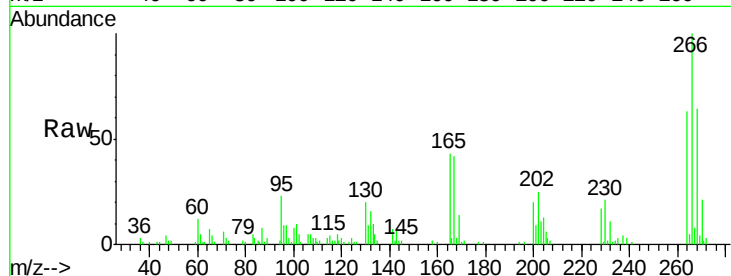




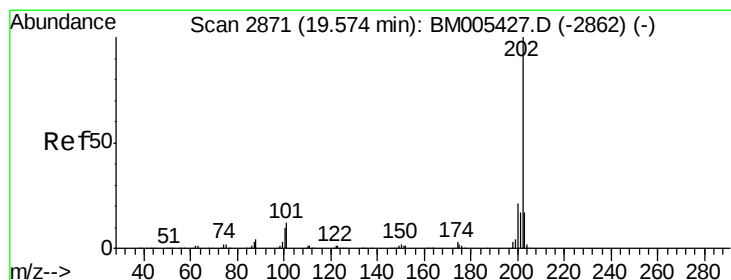
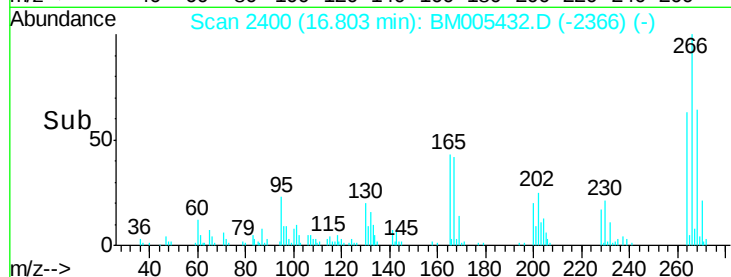
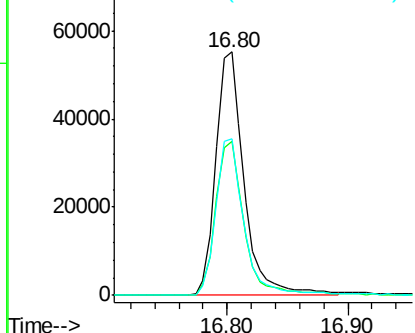
#68
 Pentachlorophenol
 Concen: 28.72 ng/ul
 RT: 16.80 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BM005432.D
 Acq: 13 May 2016 14:49

Instrument :
 BNA_M
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 H4113MSD

Tgt Ion:266 Resp: 89094
 Ion Ratio Lower Upper
 266 100
 264 63.1 52.0 78.0
 268 64.5 53.0 79.6

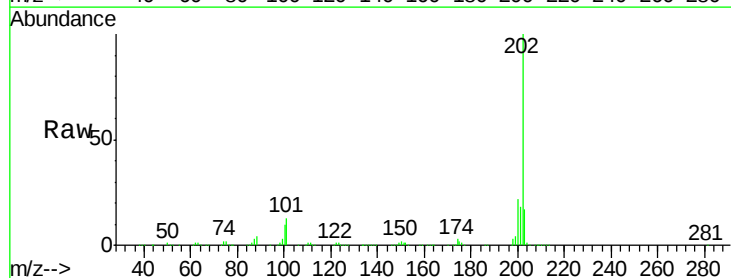


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 29.86 ng/ul
 RT: 19.57 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BM005432.D
 Acq: 13 May 2016 14:49

Tgt Ion:202 Resp: 1077410
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.8 16.2
 100 10.3 8.4 12.6



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

