

Data File : BM010532.D
Acq On : 12 Jun 2017 13:18
Operator : SJ/MA
Sample : I3571-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 13 02:16:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 02:16:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	136118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	482943	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	338143	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	848896	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1262682	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1362292	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	10193	3.07	ng/uL	0.00
5) Phenol-d5	7.07	99	188157	18.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	107158	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	164533	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	163822	19.68	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	74698	21.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	90059	21.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	200607	23.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	181117	22.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	708381	25.21	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	743661	22.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	85203	20.27	ng/ul	0.00
57) Fluorene-d10	15.52	176	614402	24.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	121609	20.22	ng/ul	0.00
70) Anthracene-d10	17.37	188	1050434	25.43	ng/ul	0.00
76) Pyrene-d10	19.66	212	1363853	26.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1551512	24.46	ng/ul	0.00

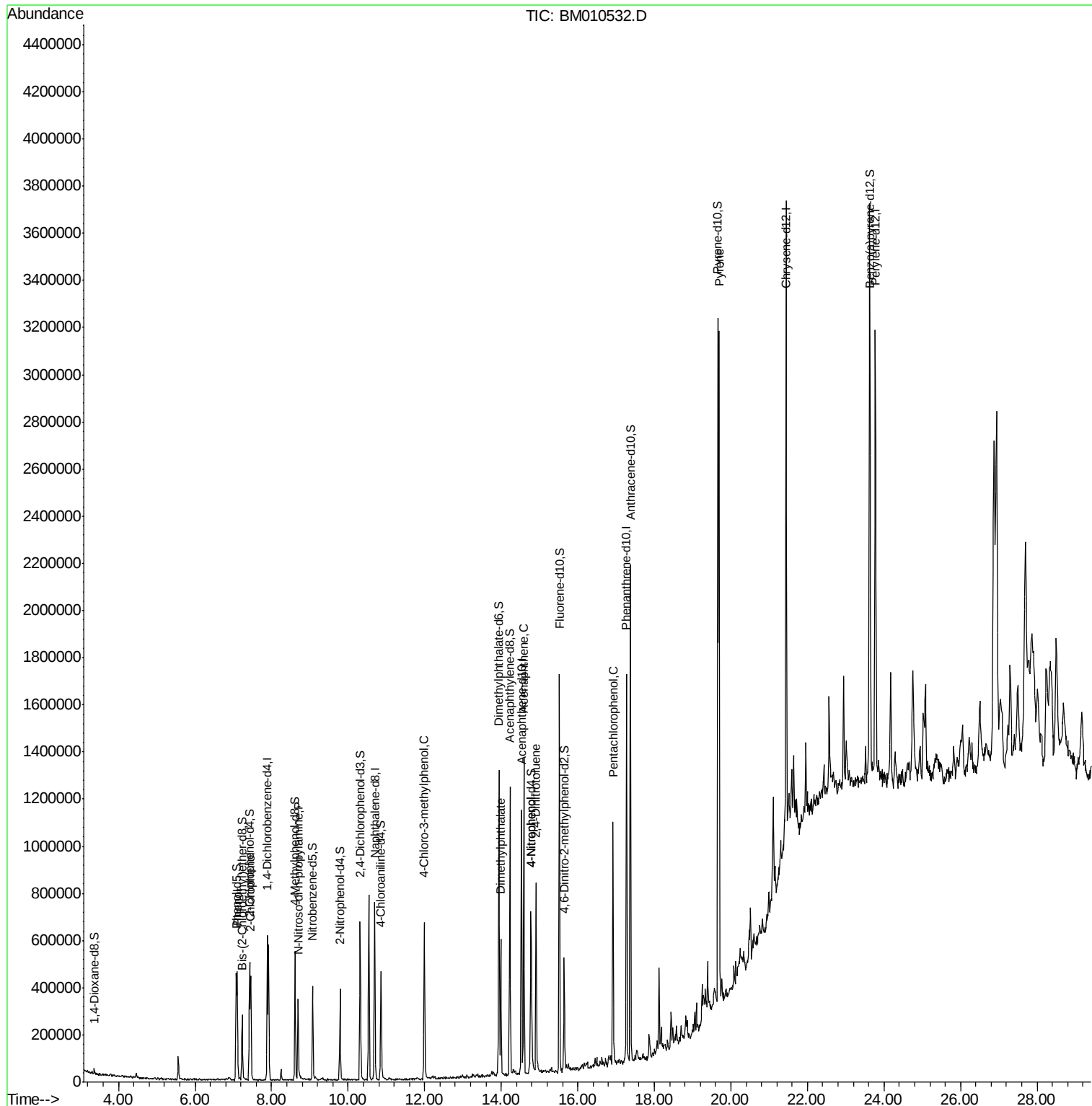
Target Compounds

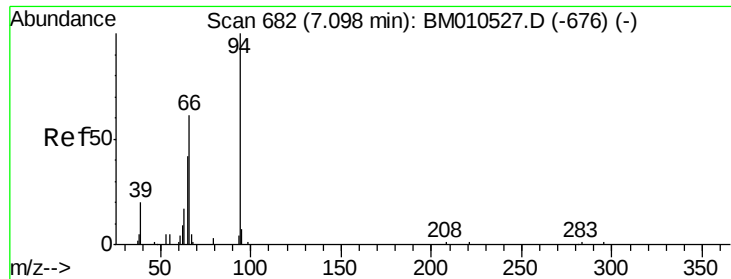
						Qvalue
6) Phenol	7.10	94	195179	18.46	ng/ul	91
10) 2-Chlorophenol	7.46	128	151199	18.33	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.69	70	134126	19.76	ng/ul#	81
33) 4-Chloro-3-methylphenol	11.99	107	190633	24.01	ng/ul	98
44) Dimethylphthalate	13.99	163	291606	10.55	ng/ul	98
49) Acenaphthene	14.59	153	495276	22.05	ng/ul	93
52) 4-Nitrophenol	14.78	109	134404	23.33	ng/ul#	79
54) 2,4-Dinitrotoluene	14.91	165	180435	24.26	ng/ul#	97
68) Pentachlorophenol	16.92	266	149031	21.40	ng/ul	92
77) Pyrene	19.69	202	1557240	23.93	ng/ul#	94

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

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#6

Phenol

Concen: 18.46 ng/ul

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM010532.D

Acq: 12 Jun 2017 13:18

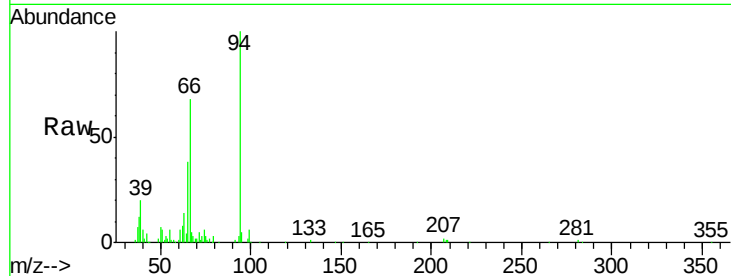
Tgt Ion: 94 Resp: 195179

Ion Ratio Lower Upper

94 100

65 37.9 28.2 42.4

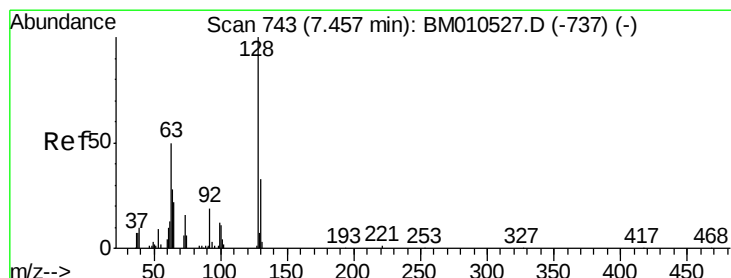
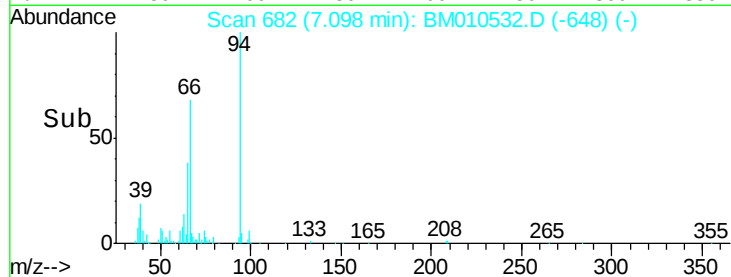
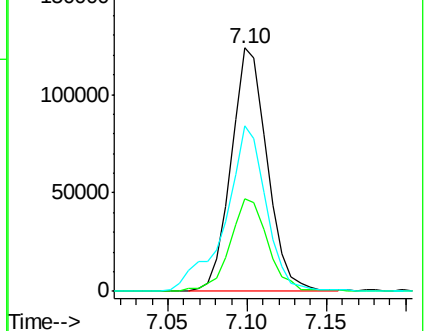
66 68.2 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010532.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM010532.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM010532.D (-648) (-)



#10

2-Chlorophenol

Concen: 18.33 ng/ul

RT: 7.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BM010532.D

Acq: 12 Jun 2017 13:18

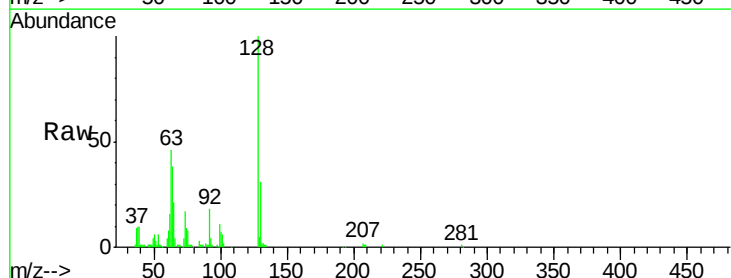
Tgt Ion: 128 Resp: 151199

Ion Ratio Lower Upper

128 100

64 38.2 38.0 57.0

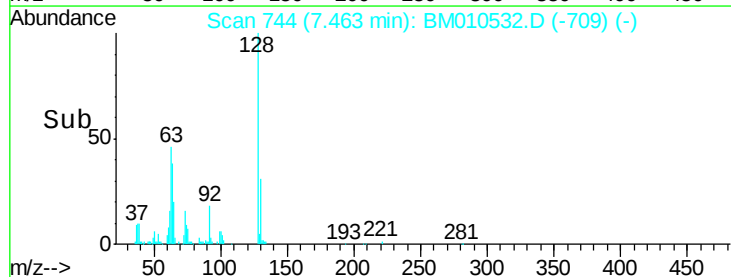
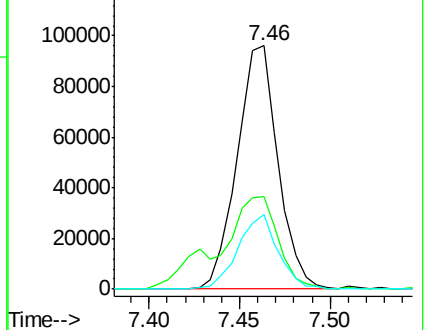
130 30.8 24.4 36.6

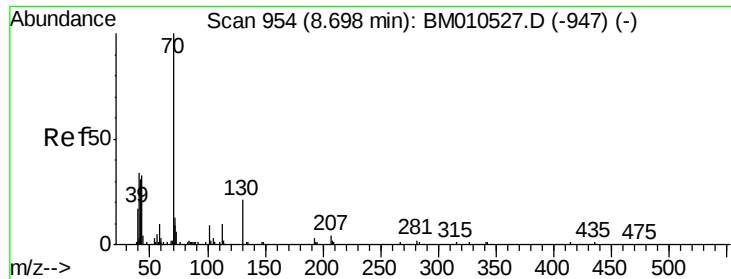


Abundance Ion 128.00 (127.70 to 128.70): BM010532.D (-709) (-)

Ion 64.00 (63.70 to 64.70): BM010532.D (-709) (-)

Ion 130.00 (129.70 to 130.70): BM010532.D (-709) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 19.76 ng/ul

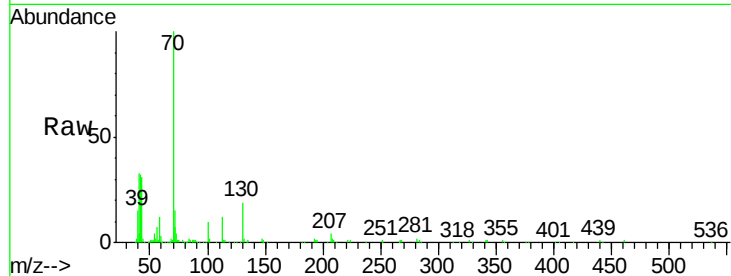
RT: 8.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM010532.D

Acq: 12 Jun 2017 13:18

Tgt Ion:	70	Resp:	134126
Ion	Ratio	Lower	Upper
70	100		
42	32.4	41.1	61.7#
101	9.7	6.7	10.1
130	19.3	14.6	22.0

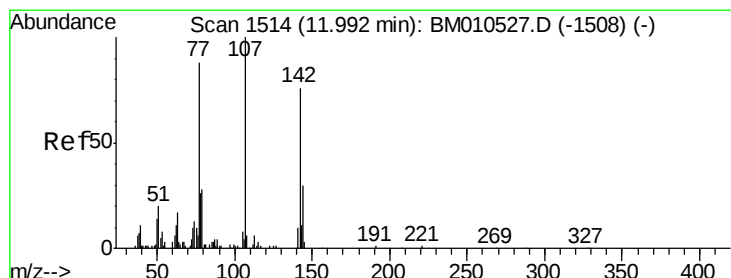
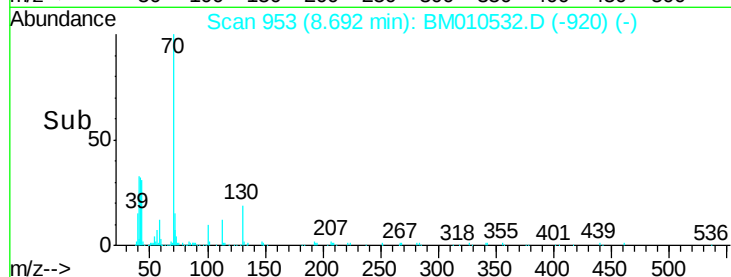
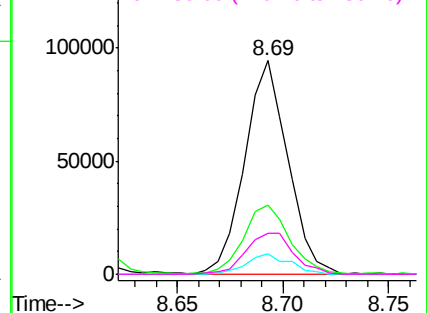


Abundance Ion 70.00 (69.70 to 70.70): BM010532.D (-920) (-)

Ion 42.00 (41.70 to 42.70): BM010532.D (-920) (-)

Ion 101.00 (100.70 to 101.70): BM010532.D (-920) (-)

Ion 130.00 (129.70 to 130.70): BM010532.D (-920) (-)



#33

4-Chloro-3-methylphenol

Concen: 24.01 ng/ul

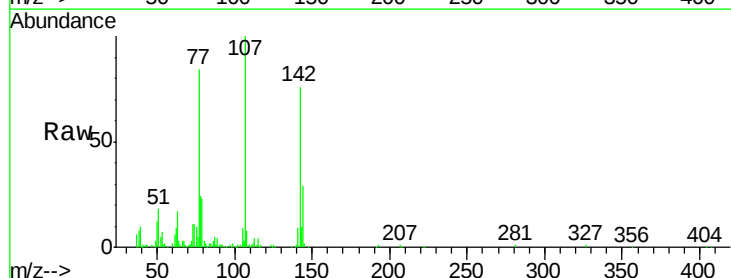
RT: 11.99 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BM010532.D

Acq: 12 Jun 2017 13:18

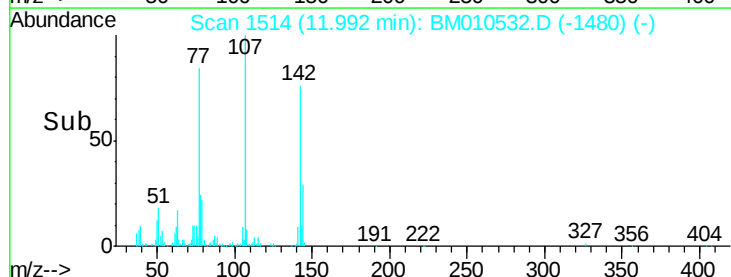
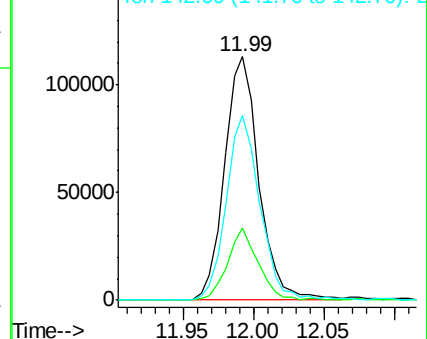
Tgt Ion:	107	Resp:	190633
Ion	Ratio	Lower	Upper
107	100		
144	29.4	20.4	30.6
142	76.0	60.5	90.7

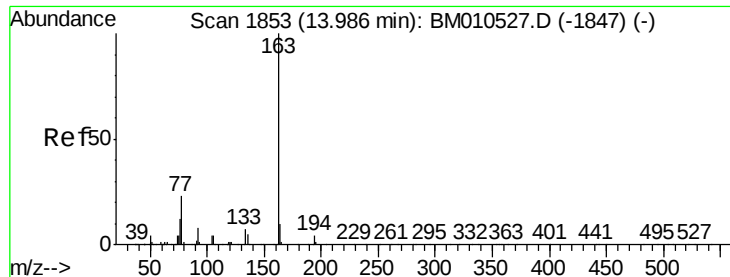


Abundance Ion 107.00 (106.70 to 107.70): BM010532.D (-1480) (-)

Ion 144.00 (143.70 to 144.70): BM010532.D (-1480) (-)

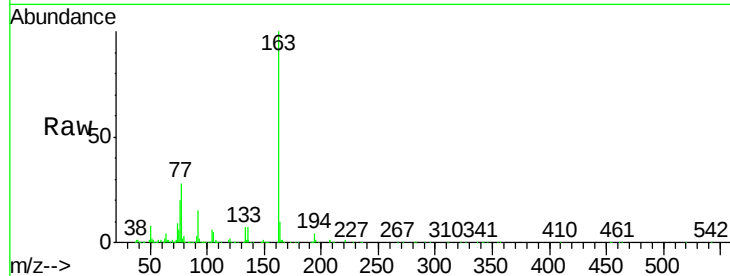
Ion 142.00 (141.70 to 142.70): BM010532.D (-1480) (-)



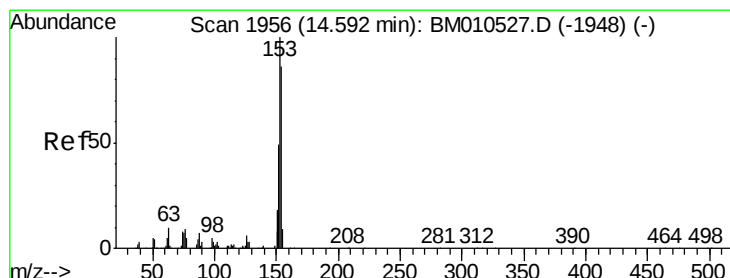
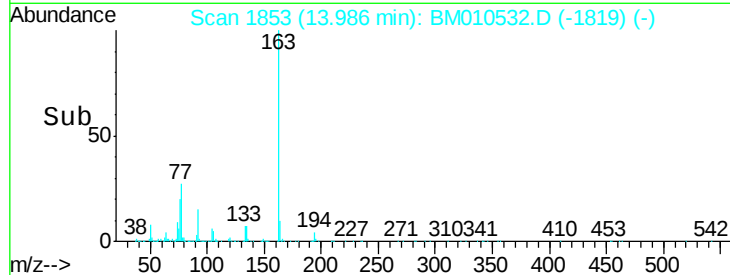
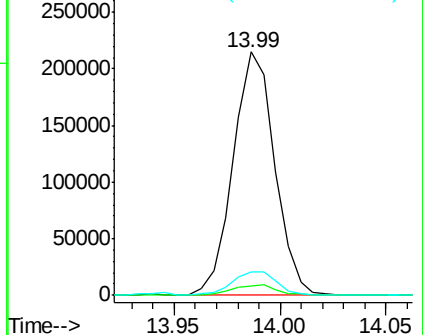


#44
Dimethylphthalate
Concen: 10.55 ng/ul
RT: 13.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM010532.D
Acq: 12 Jun 2017 13:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.7	8.2	12.4

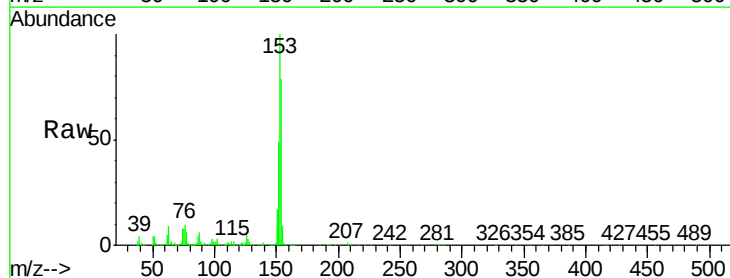


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

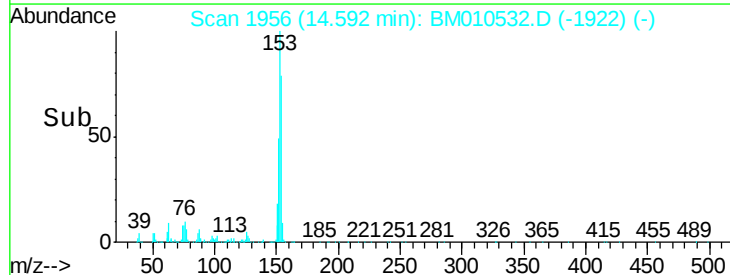
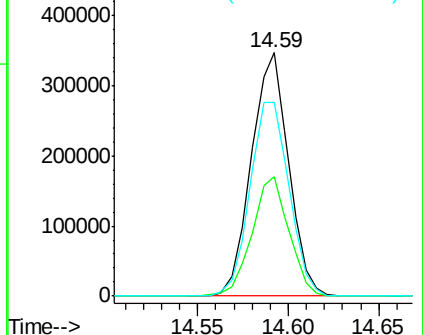


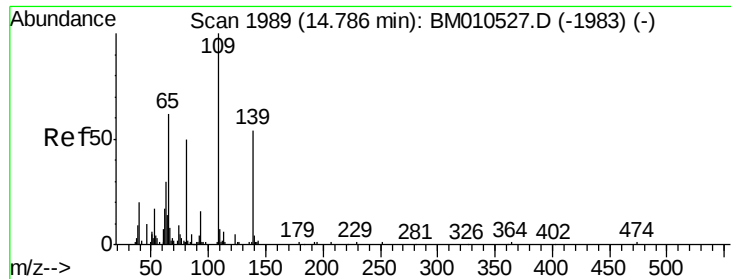
#49
Acenaphthene
Concen: 22.05 ng/ul
RT: 14.59 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM010532.D
Acq: 12 Jun 2017 13:18

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.3	37.6	56.4
154	79.4	70.4	105.6



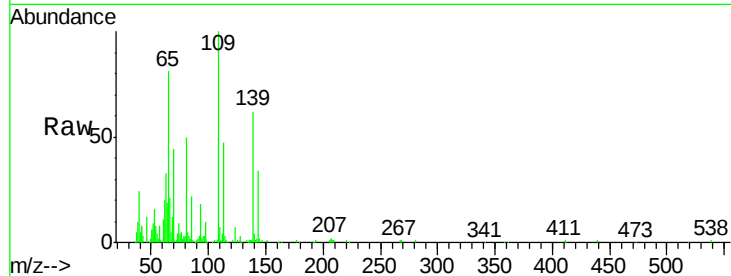
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



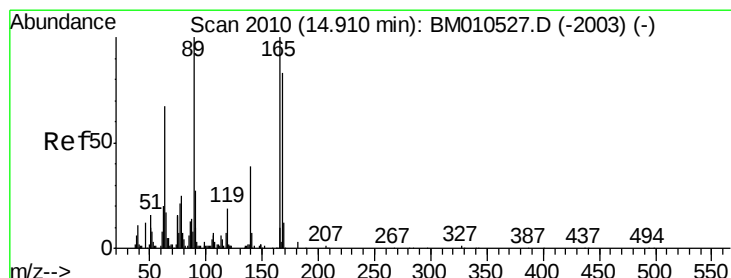
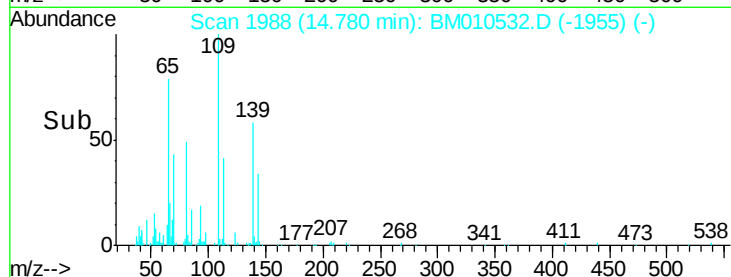
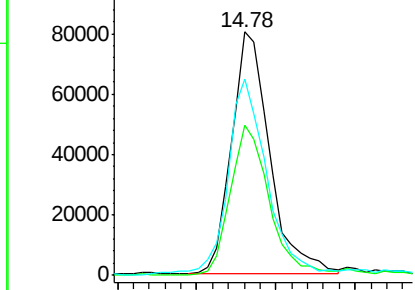


#52
4-Nitrophenol
Concen: 23.33 ng/ul
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM010532.D
Acq: 12 Jun 2017 13:18

Tgt Ion:109 Resp: 134404
Ion Ratio Lower Upper
109 100
139 61.7 66.6 100.0#
65 80.5 78.3 117.5

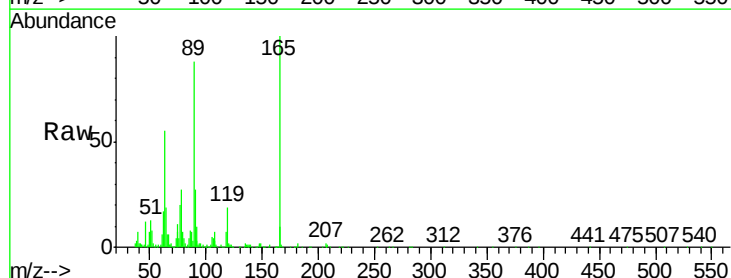


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0

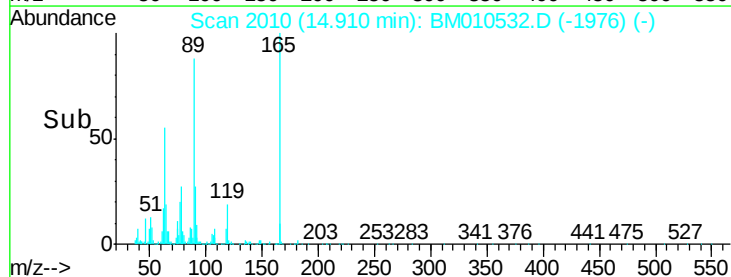
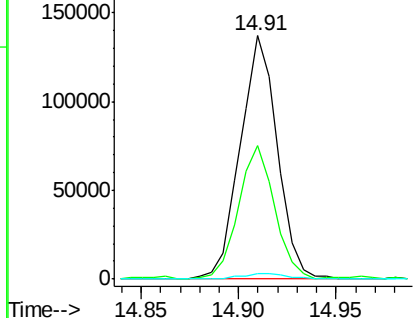


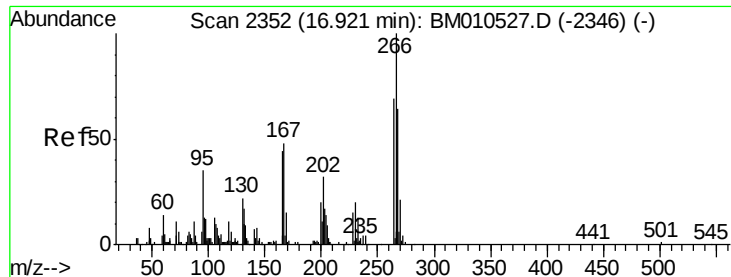
#54
2,4-Dinitrotoluene
Concen: 24.26 ng/ul
RT: 14.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BM010532.D
Acq: 12 Jun 2017 13:18

Tgt Ion:165 Resp: 180435
Ion Ratio Lower Upper
165 100
63 54.9 45.8 68.8
182 2.4 2.6 4.0#



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: 21.40 ng/ul

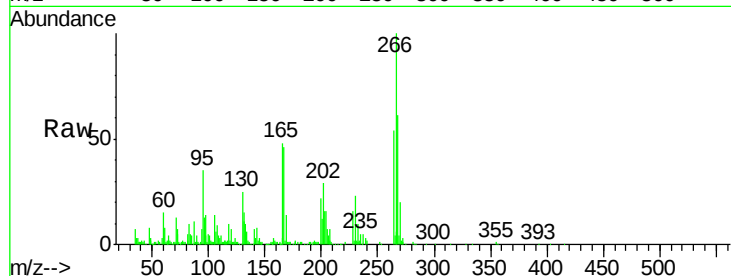
RT: 16.92 min Scan# 2351

Delta R.T. -0.01 min

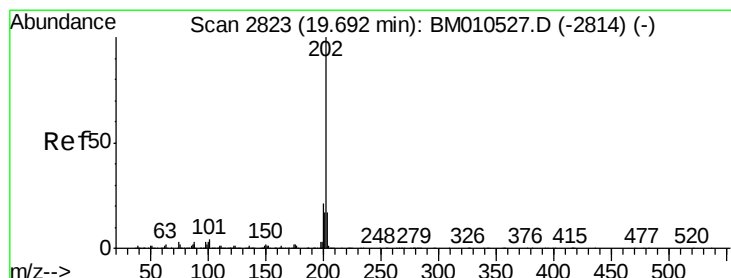
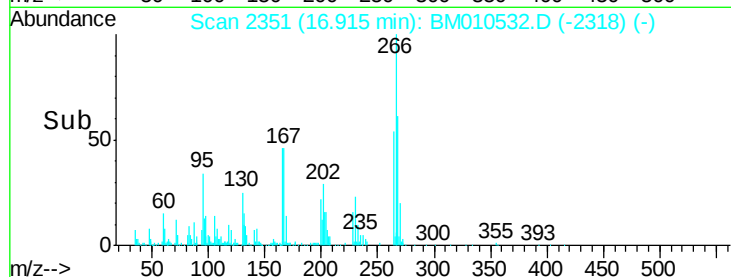
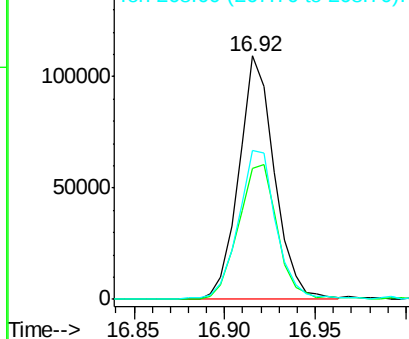
Lab File: BM010532.D

Acq: 12 Jun 2017 13:18

Tgt Ion:	266	Resp:	149031
Ion	Ratio	Lower	Upper
266	100		
264	54.1	49.3	73.9
268	60.9	52.6	78.8



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: 23.93 ng/ul

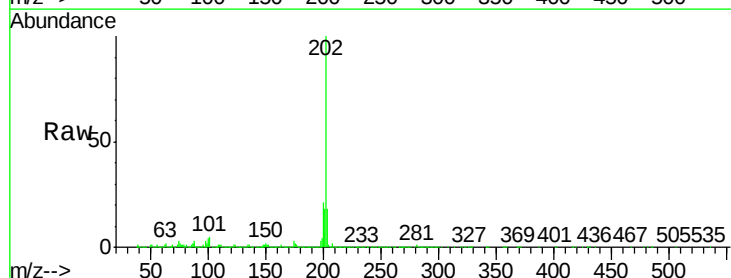
RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010532.D

Acq: 12 Jun 2017 13:18

Tgt Ion:	202	Resp:	1557240
Ion	Ratio	Lower	Upper
202	100		
101	4.5	5.1	7.7#
100	4.1	4.9	7.3#



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): E

