

Data File : BM010354.D
Acq On : 01 Jun 2017 14:24
Operator : SJ/MA
Sample : I3163-09MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSF7MSD

Quant Time: Jun 02 00:59:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 02 00:58:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	322845	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1167604	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	697223	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1595674	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	2124109	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	2154721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	36486	4.64	ng/uL	0.00
5) Phenol-d5	7.10	99	656040	26.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	381045	27.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	550532	28.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	385359	19.52	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	259800	30.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	306498	30.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	590300	29.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	308277	15.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1885905	32.56	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	2170017	32.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	186336	21.50	ng/ul	0.00
57) Fluorene-d10	15.54	176	1606697	31.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	270290	23.91	ng/ul	0.00
70) Anthracene-d10	17.40	188	2487728	32.04	ng/ul	0.00
76) Pyrene-d10	19.69	212	3094107	35.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	3107548	30.98	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.13	94	700326	27.92	ng/ul	97
10) 2-Chlorophenol	7.49	128	548602	28.03	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.73	70	491190	30.51	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.02	107	575666	29.99	ng/ul	97
44) Dimethylphthalate	14.02	163	290074	5.09	ng/ul	97
49) Acenaphthene	14.62	153	1483921	32.04	ng/ul	99
52) 4-Nitrophenol	14.81	109	278792	23.47	ng/ul	88
54) 2,4-Dinitrotoluene	14.93	165	520122	33.92	ng/ul	96
68) Pentachlorophenol	16.94	266	385864	29.48	ng/ul	97
77) Pyrene	19.72	202	3858494	35.25	ng/ul	99

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

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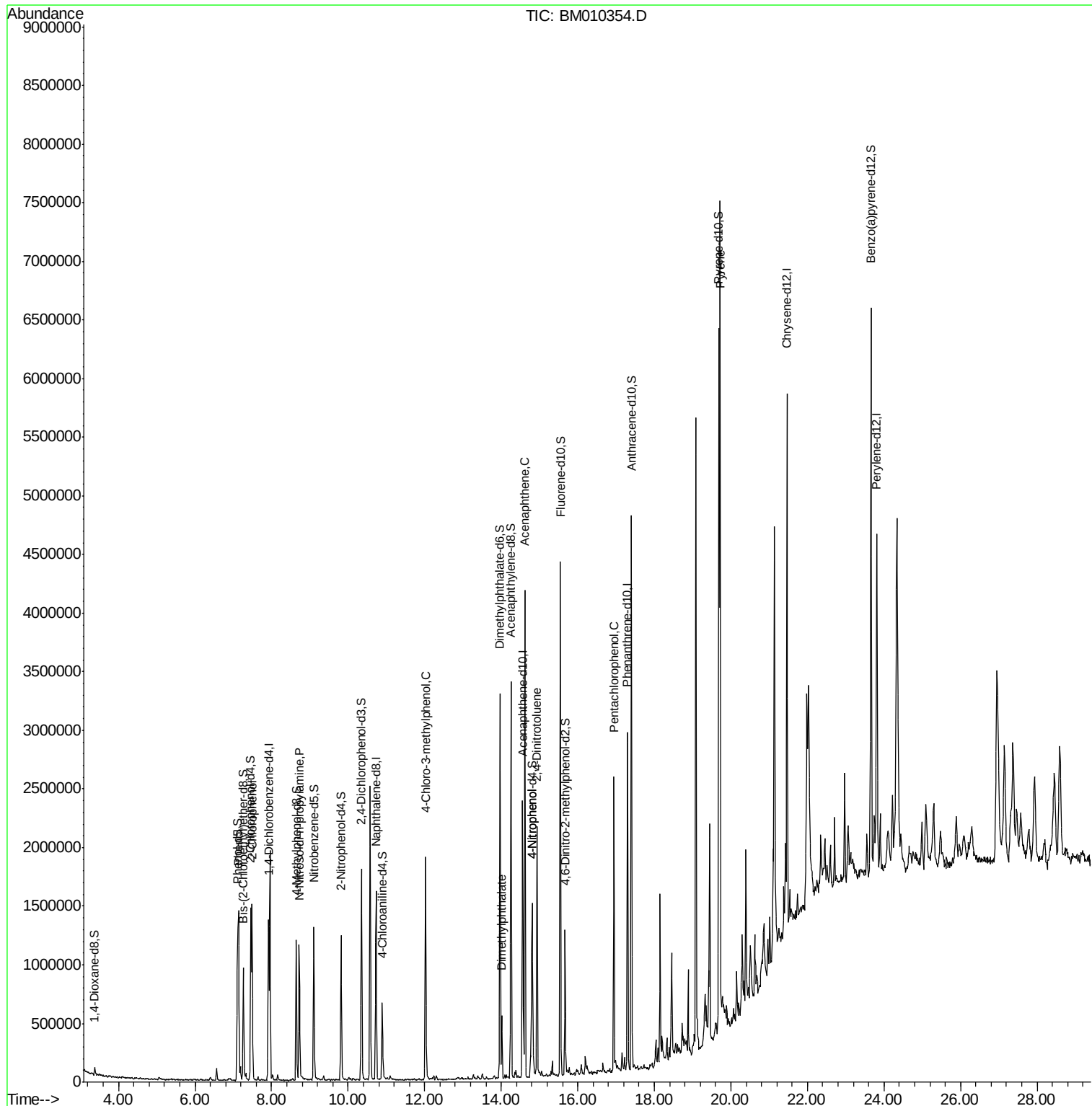
Quant Time: Jun 02 00:59:56 2017

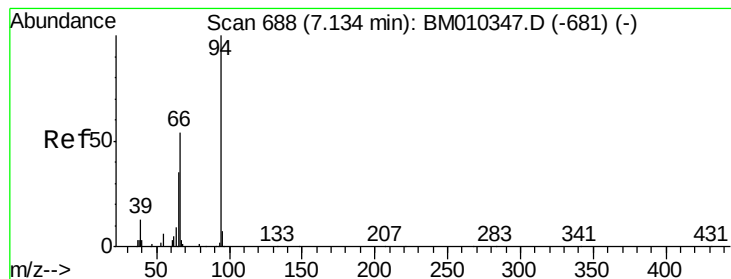
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 02 00:58:56 2017

Response via : Initial Calibration





#6

Phenol

Concen: 27.92 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BM010354.D

Acq: 01 Jun 2017 14:24

Instrument :

BNA_M

ClientSampleId :

JHSF7MSD

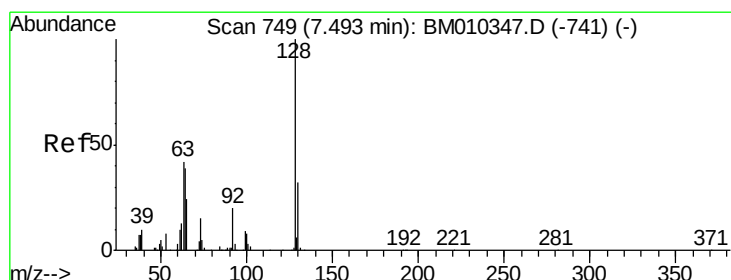
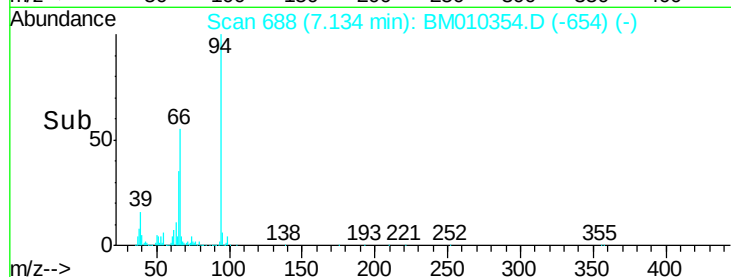
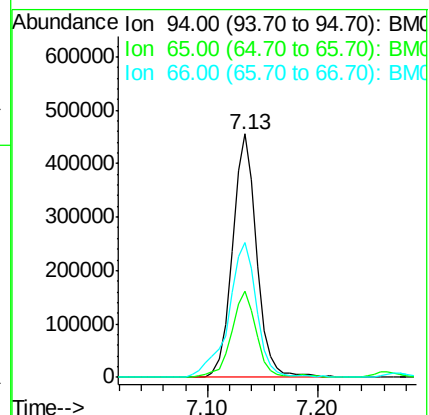
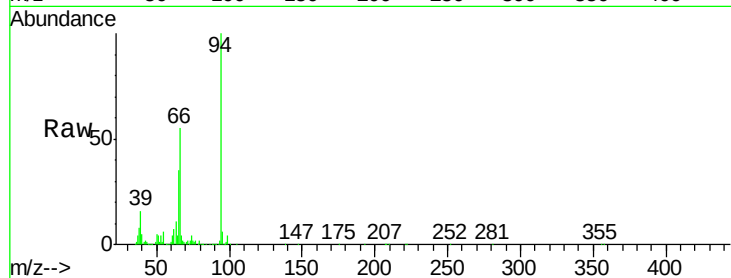
Tgt Ion: 94 Resp: 700326

Ion Ratio Lower Upper

94 100

65 35.4 28.2 42.4

66 55.4 47.2 70.8



#10

2-Chlorophenol

Concen: 28.03 ng/ul

RT: 7.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM010354.D

Acq: 01 Jun 2017 14:24

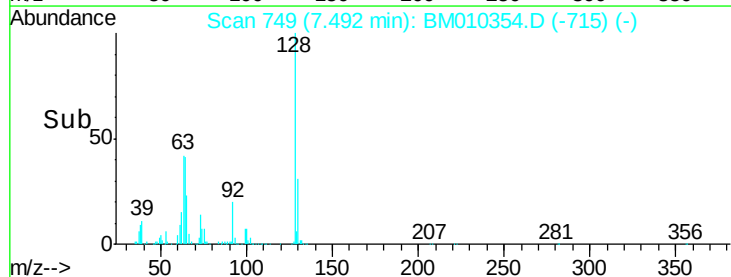
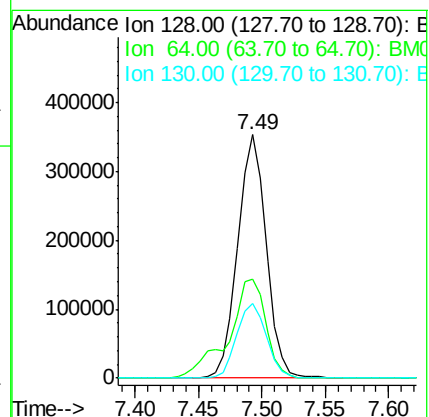
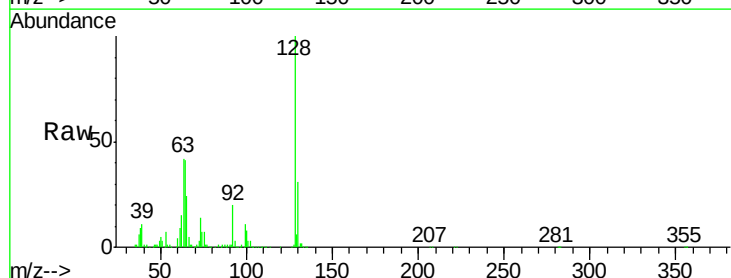
Tgt Ion: 128 Resp: 548602

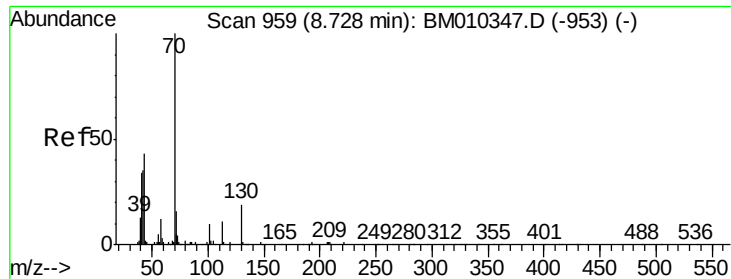
Ion Ratio Lower Upper

128 100

64 40.7 38.0 57.0

130 30.6 24.4 36.6

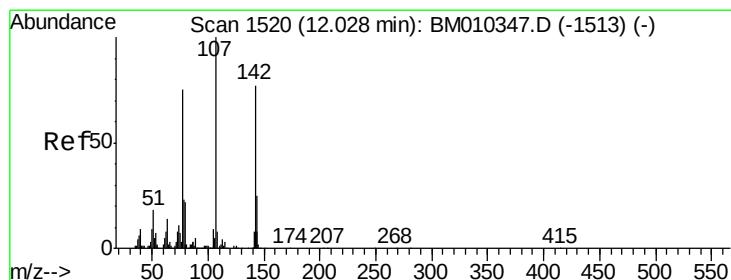
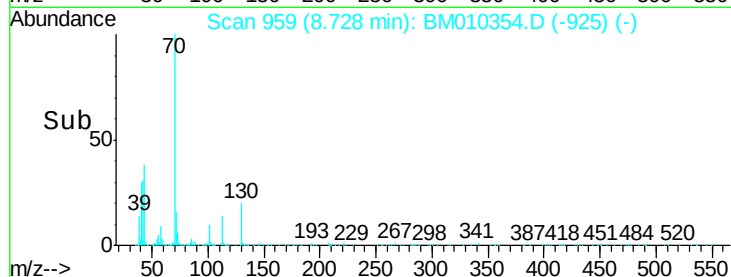
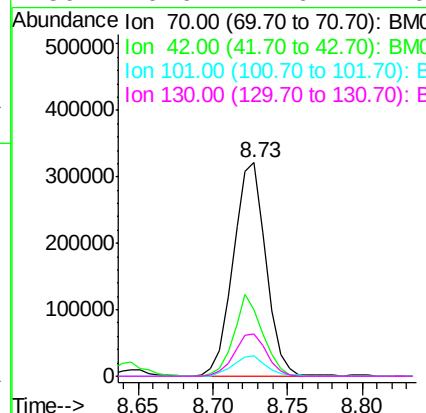
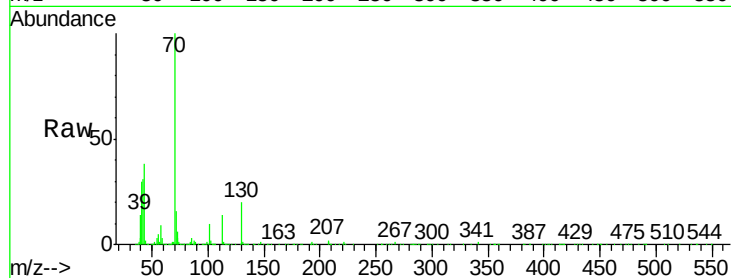




#15
N-Nitroso-di-n-propylamine
Concen: 30.51 ng/ul
RT: 8.73 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM010354.D
Acq: 01 Jun 2017 14:24

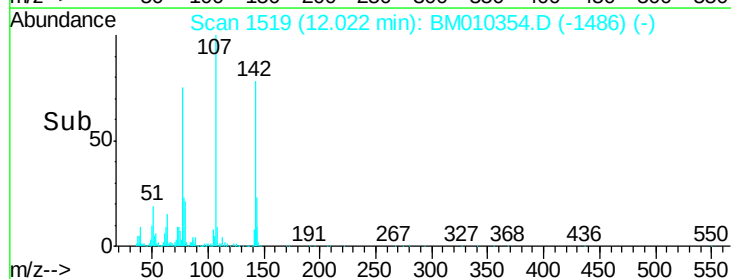
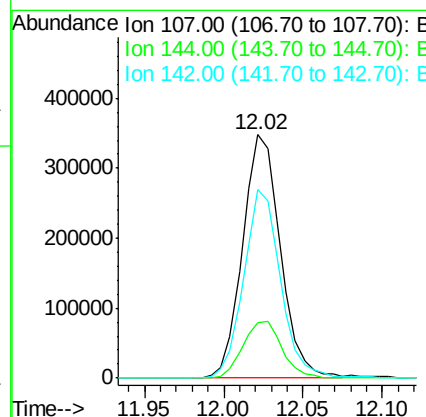
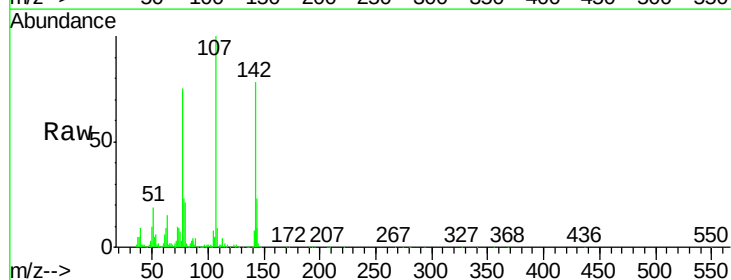
Instrument :
BNA_M
ClientSampleId :
JHSF7MSD

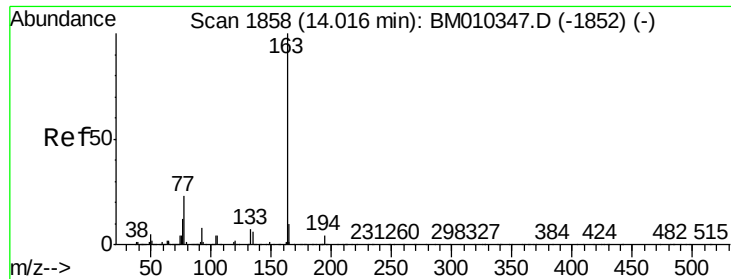
Tgt Ion:	70	Resp:	491190
Ion Ratio	Lower	Upper	
70	100		
42	31.1	41.1	61.7#
101	9.9	6.7	10.1
130	19.6	14.6	22.0



#33
4-Chloro-3-methylphenol
Concen: 29.99 ng/ul
RT: 12.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM010354.D
Acq: 01 Jun 2017 14:24

Tgt Ion:	107	Resp:	575666
Ion Ratio	Lower	Upper	
107	100		
144	22.8	20.4	30.6
142	77.6	60.5	90.7





#44

Dimethylphthalate

Concen: 5.09 ng/ul

RT: 14.02 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM010354.D

Acq: 01 Jun 2017 14:24

Instrument :

BNA_M

ClientSampleId :

JHSF7MSD

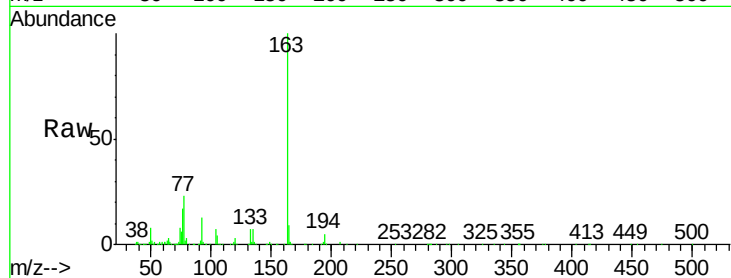
Tgt Ion:163 Resp: 290074

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

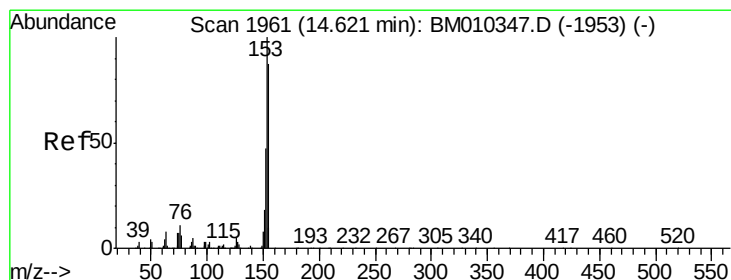
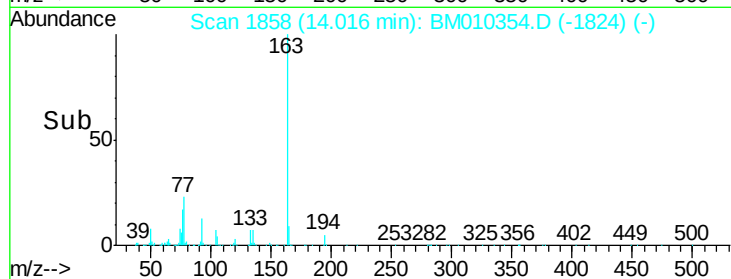
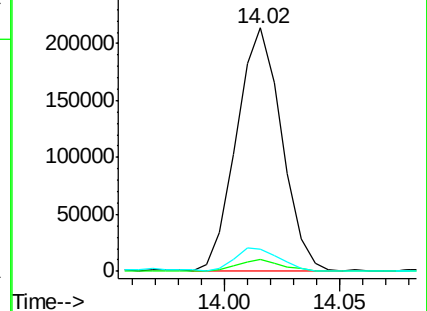
164 9.1 8.2 12.4



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: 32.04 ng/ul

RT: 14.62 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BM010354.D

Acq: 01 Jun 2017 14:24

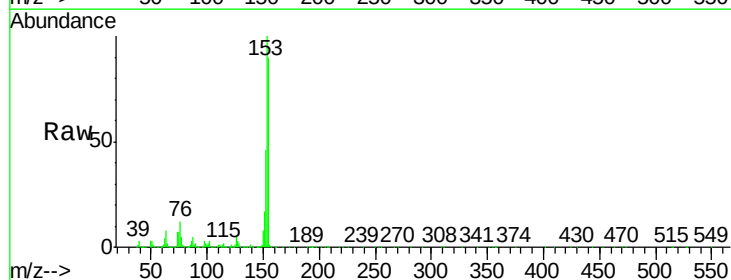
Tgt Ion:153 Resp: 1483921

Ion Ratio Lower Upper

153 100

152 46.5 37.6 56.4

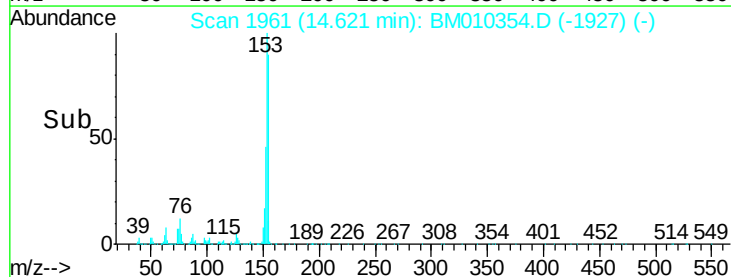
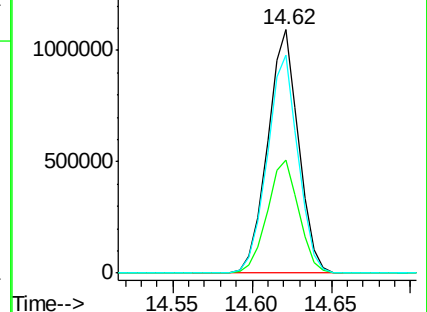
154 89.5 70.4 105.6

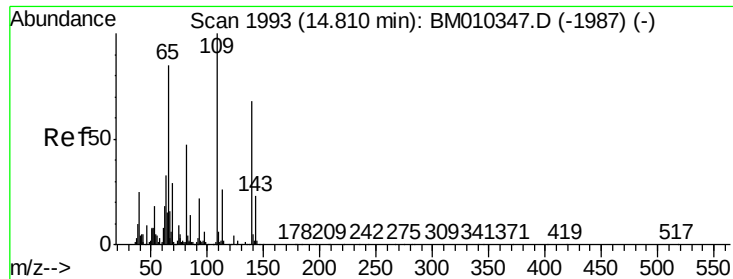


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 23.47 ng/ul

RT: 14.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BM010354.D

Acq: 01 Jun 2017 14:24

Instrument :

BNA_M

ClientSampleId :

JHSF7MSD

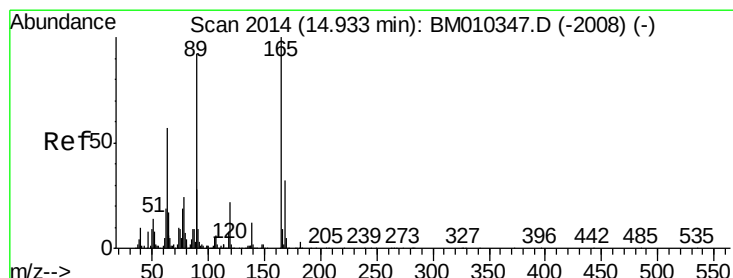
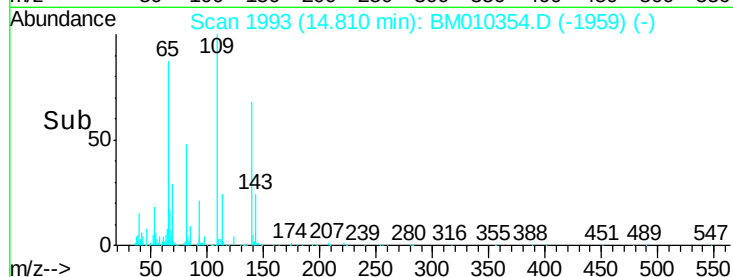
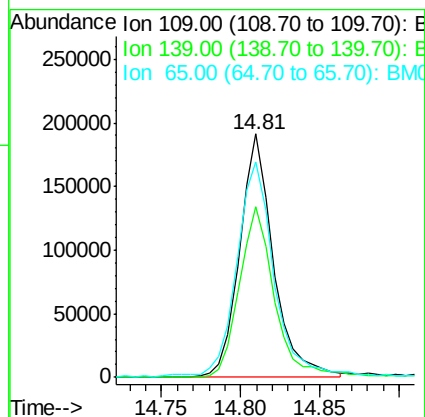
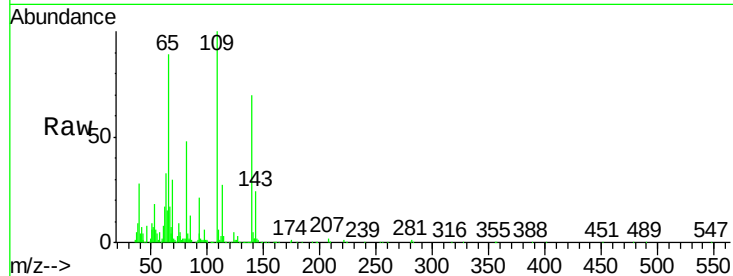
Tgt Ion:109 Resp: 278792

Ion Ratio Lower Upper

109 100

139 70.1 66.6 100.0

65 88.5 78.3 117.5



#54

2,4-Dinitrotoluene

Concen: 33.92 ng/ul

RT: 14.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BM010354.D

Acq: 01 Jun 2017 14:24

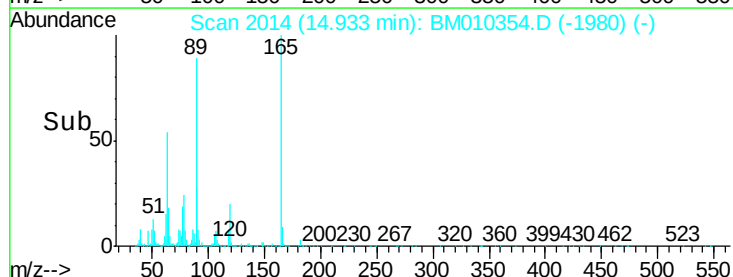
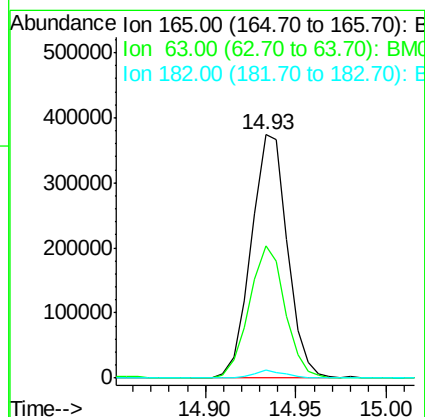
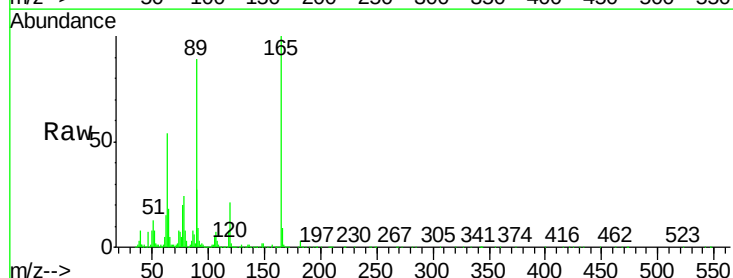
Tgt Ion:165 Resp: 520122

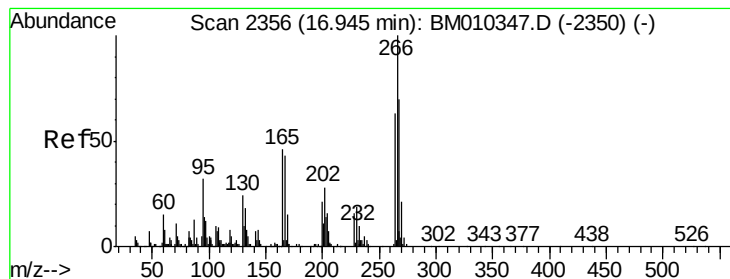
Ion Ratio Lower Upper

165 100

63 54.3 45.8 68.8

182 3.3 2.6 4.0





#68

Pentachlorophenol

Concen: 29.48 ng/ul

RT: 16.94 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BM010354.D

Acq: 01 Jun 2017 14:24

Instrument :

BNA_M

ClientSampleId :

JHSF7MSD

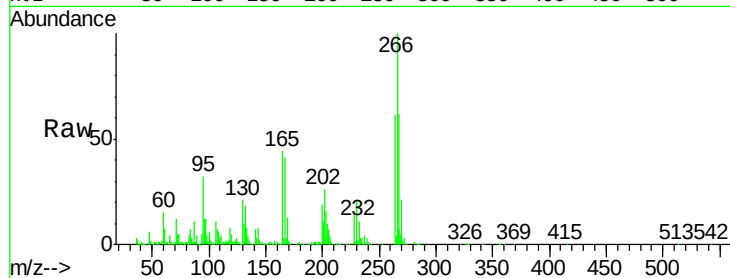
Tgt Ion:266 Resp: 385864

Ion Ratio Lower Upper

266 100

264 60.8 49.3 73.9

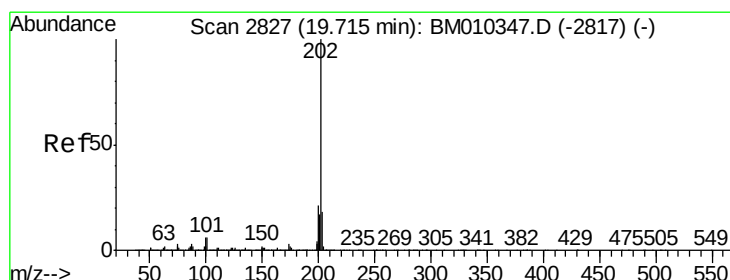
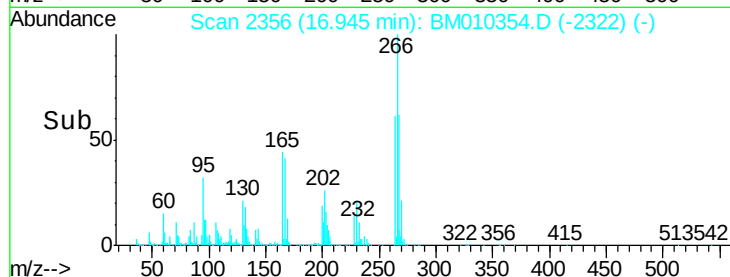
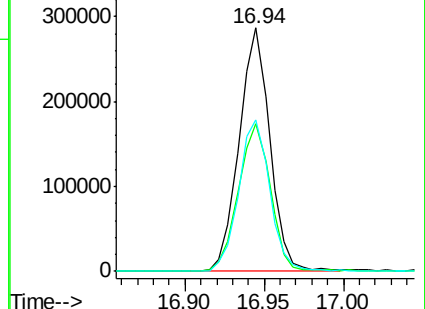
268 62.2 52.6 78.8



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: 35.25 ng/ul

RT: 19.72 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BM010354.D

Acq: 01 Jun 2017 14:24

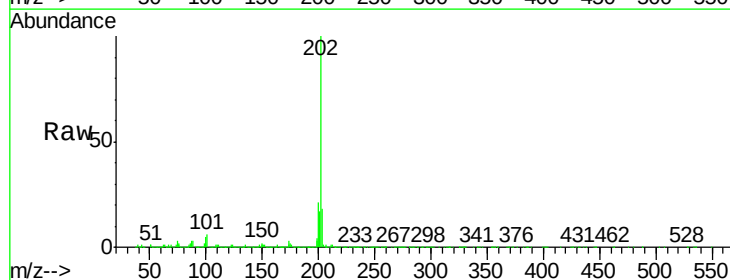
Tgt Ion:202 Resp: 3858494

Ion Ratio Lower Upper

202 100

101 6.4 5.1 7.7

100 5.4 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): B

