

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
 Data File : BM010353.D
 Acq On : 01 Jun 2017 13:48
 Operator : SJ/MA
 Sample : I3163-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSF7MS

Quant Time: Jun 02 00:59:44 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	334845	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1204525	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	730437	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1706289	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	2378400	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	2453454	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	20987	2.57	ng/uL	0.00
5) Phenol-d5	7.10	99	404082	15.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	237198	16.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	352605	17.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	230725	11.27	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	164693	18.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	194087	18.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	362239	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	182760	9.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1194466	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	1372045	19.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	105386	11.61	ng/ul	0.00
57) Fluorene-d10	15.54	176	1052622	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	169879	14.06	ng/ul	0.00
70) Anthracene-d10	17.40	188	1645948	19.82	ng/ul	0.00
76) Pyrene-d10	19.69	212	2110494	21.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	2156254	18.88	ng/ul	0.00

Target Compounds

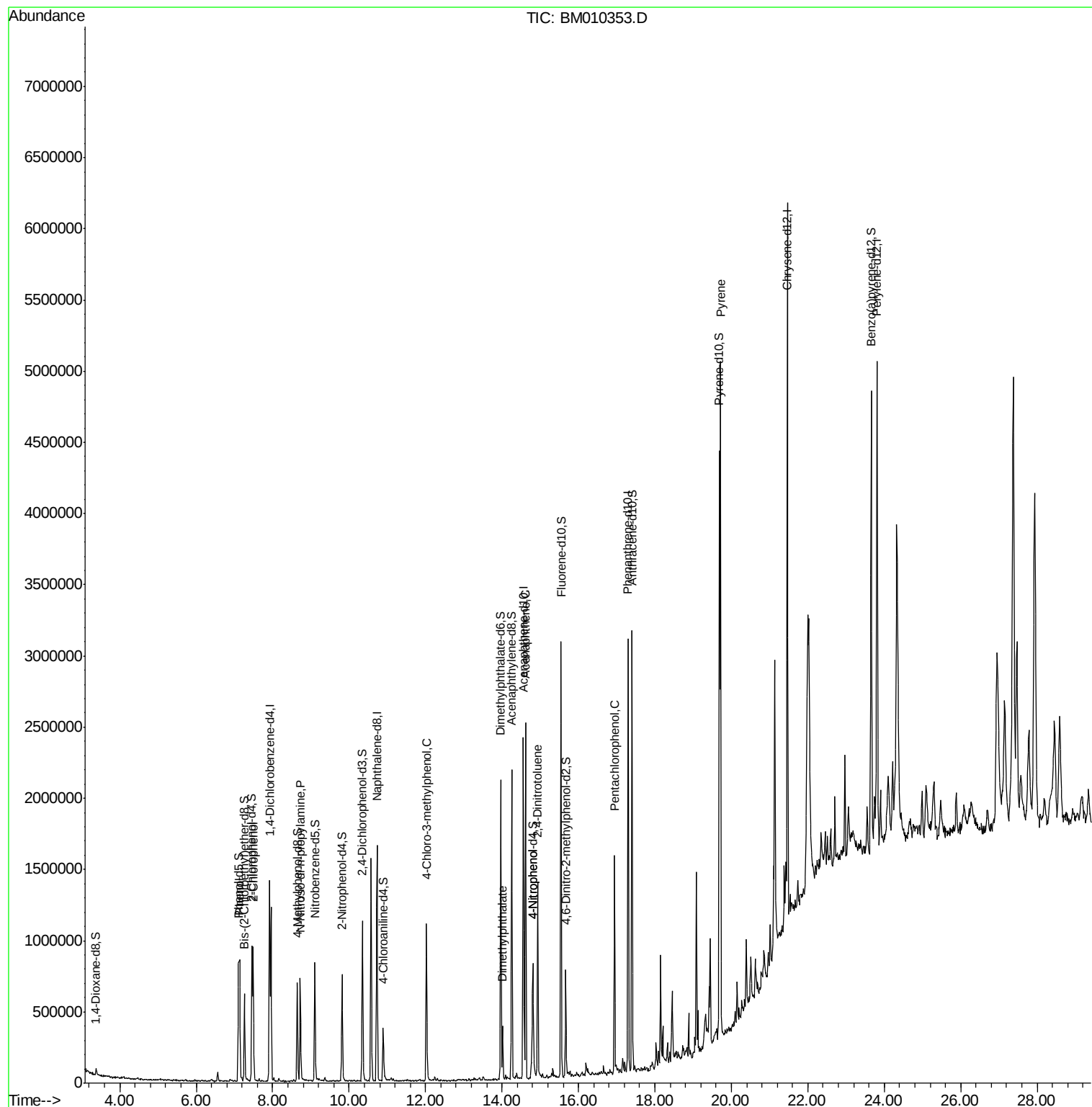
					Qvalue
6) Phenol	7.13	94	426611	16.400 ng/ul	96
10) 2-Chlorophenol	7.49	128	345325	17.014 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.72	70	299656	17.945 ng/ul#	85
33) 4-Chloro-3-methylphenol	12.02	107	344075	17.376 ng/ul	97
44) Dimethylphthalate	14.02	163	200727	3.363 ng/ul	99
49) Acenaphthene	14.62	153	962089	19.828 ng/ul	99
52) 4-Nitrophenol	14.81	109	156951	12.613 ng/ul	95
54) 2,4-Dinitrotoluene	14.93	165	327688	20.397 ng/ul	96
68) Pentachlorophenol	16.94	266	243078	17.369 ng/ul	97
77) Pyrene	19.72	202	2606234	21.265 ng/ul	99

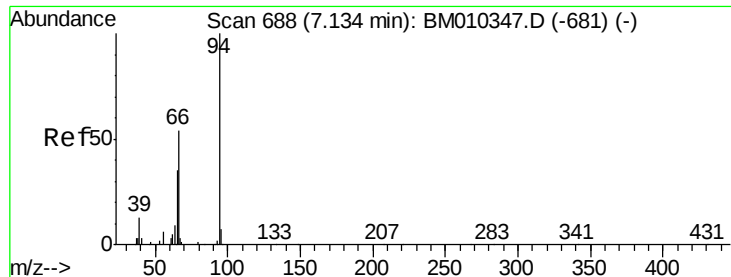
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 16.400 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM010353.D

Acq: 01 Jun 2017 13:48

Instrument :

BNA_M

ClientSampleId :

JHSF7MS

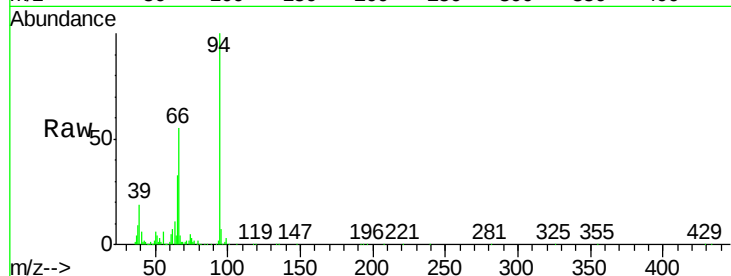
Tgt Ion: 94 Resp: 426611

Ion Ratio Lower Upper

94 100

65 33.2 28.2 42.4

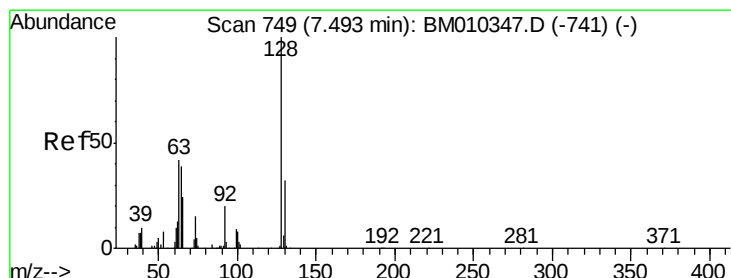
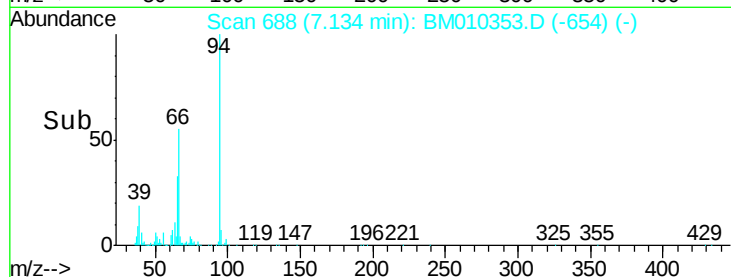
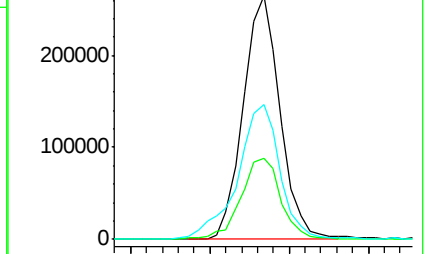
66 55.3 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010347.D (-681) (-)

Ion 65.00 (64.70 to 65.70): BM010347.D (-681) (-)

Ion 66.00 (65.70 to 66.70): BM010347.D (-681) (-)



#10

2-Chlorophenol

Concen: 17.014 ng/ul

RT: 7.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM010353.D

Acq: 01 Jun 2017 13:48

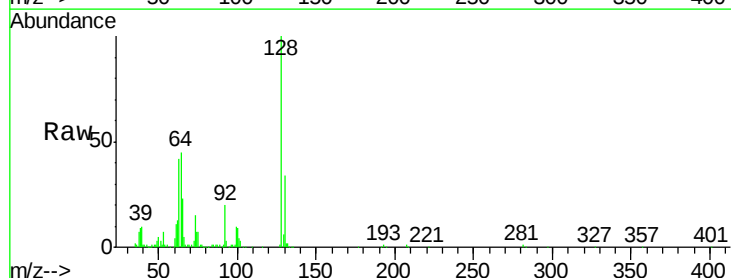
Tgt Ion: 128 Resp: 345325

Ion Ratio Lower Upper

128 100

64 45.0 38.0 57.0

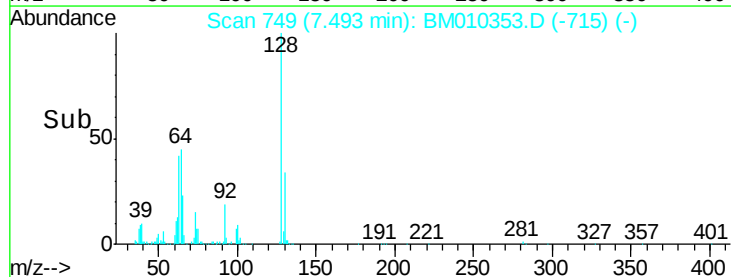
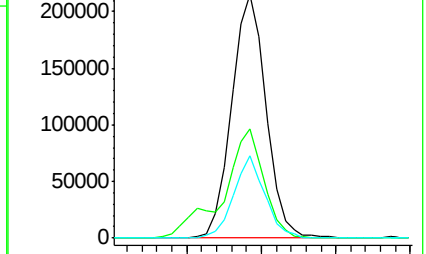
130 33.8 24.4 36.6

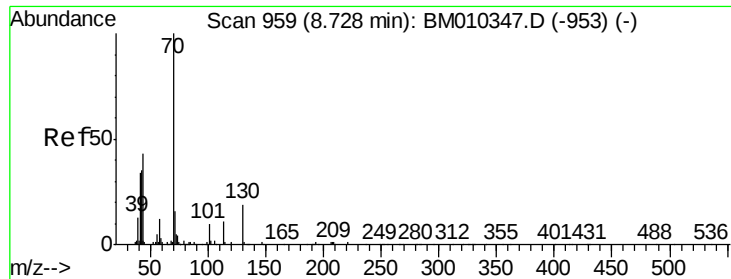


Abundance Ion 128.00 (127.70 to 128.70): BM010347.D (-741) (-)

Ion 64.00 (63.70 to 64.70): BM010347.D (-741) (-)

Ion 130.00 (129.70 to 130.70): BM010347.D (-741) (-)

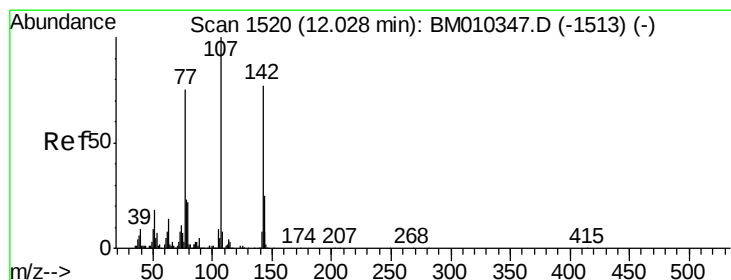
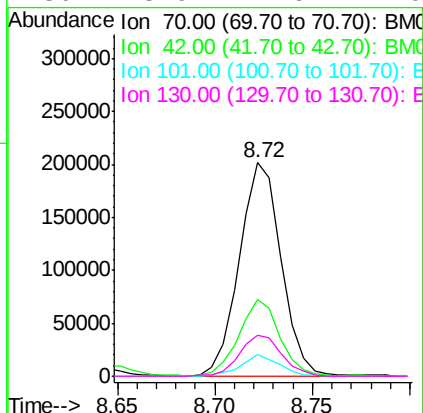
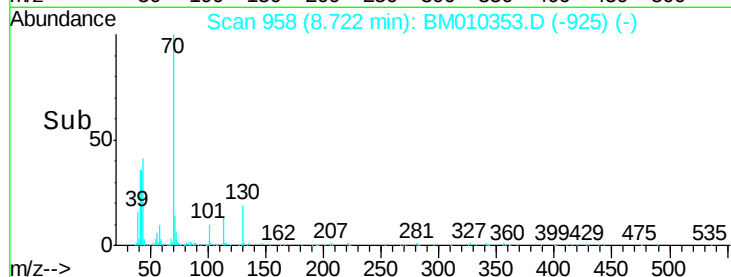
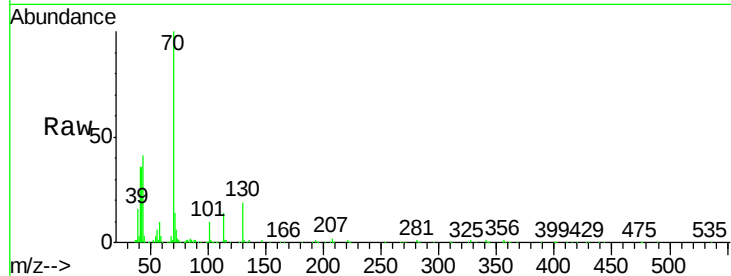




#15
N-Nitroso-di-n-propylamine
Concen: 17.945 ng/ul
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM010353.D
Acq: 01 Jun 2017 13:48

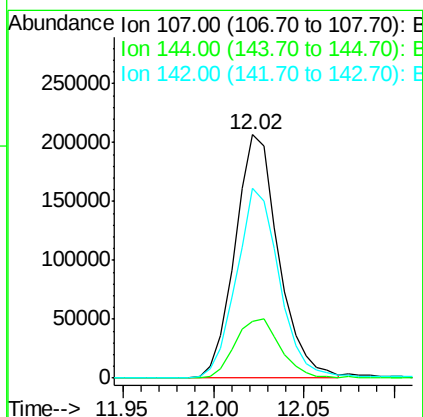
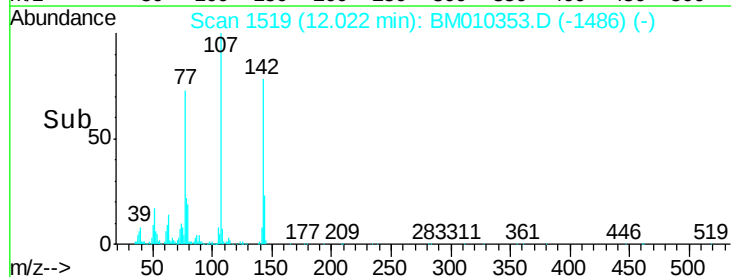
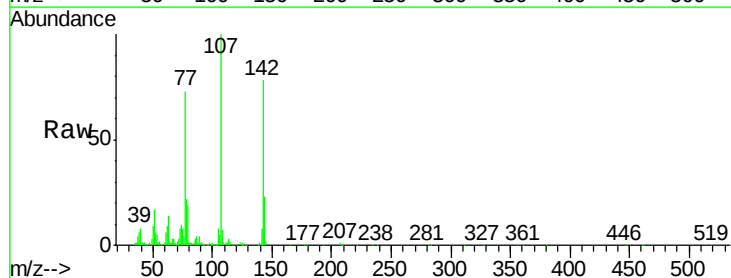
Instrument :
BNA_M
ClientSampleId :
JHSF7MS

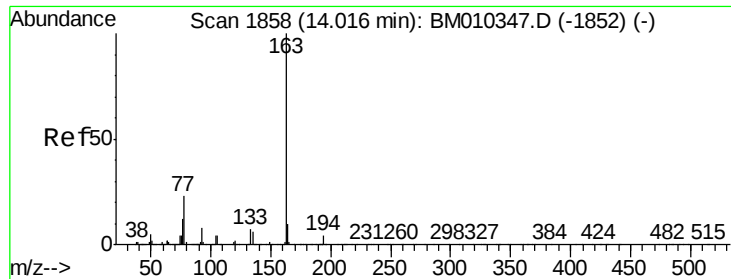
Tgt Ion:	70	Resp:	299656
Ion	Ratio	Lower	Upper
70	100		
42	36.3	41.1	61.7#
101	10.1	6.7	10.1#
130	18.9	14.6	22.0



#33
4-Chloro-3-methylphenol
Concen: 17.376 ng/ul
RT: 12.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM010353.D
Acq: 01 Jun 2017 13:48

Tgt Ion:	107	Resp:	344075
Ion	Ratio	Lower	Upper
107	100		
144	23.4	20.4	30.6
142	78.2	60.5	90.7





#44

Dimethylphthalate

Concen: 3.363 ng/ul

RT: 14.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM010353.D

Acq: 01 Jun 2017 13:48

Instrument :

BNA_M

ClientSampleId :

JHSF7MS

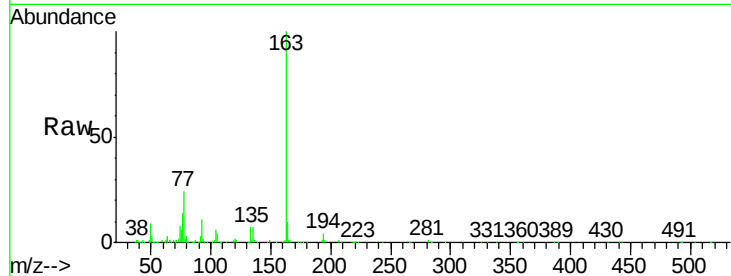
Tgt Ion:163 Resp: 200727

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

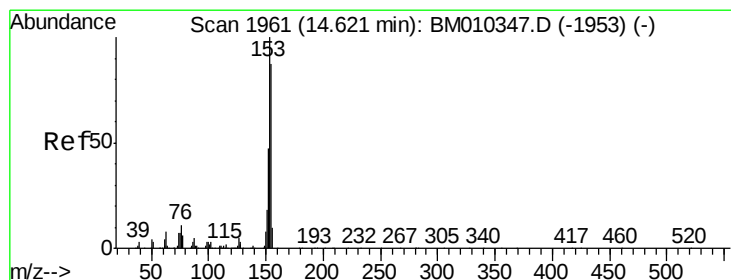
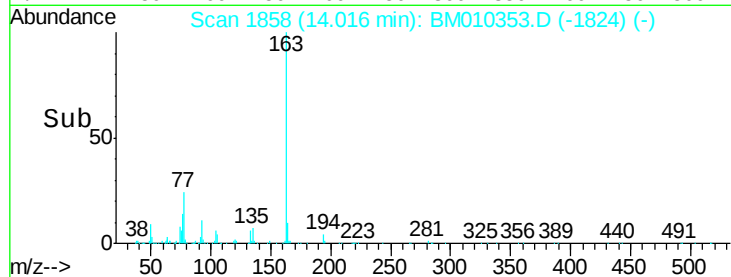
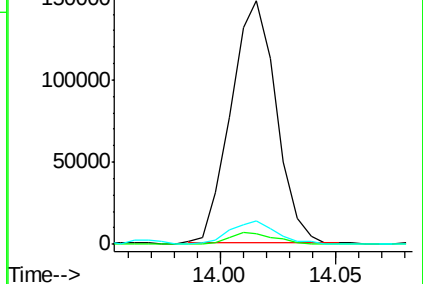
164 9.8 8.2 12.4



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: 19.828 ng/ul

RT: 14.62 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM010353.D

Acq: 01 Jun 2017 13:48

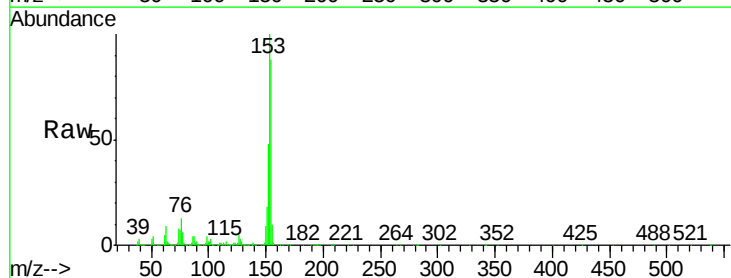
Tgt Ion:153 Resp: 962089

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

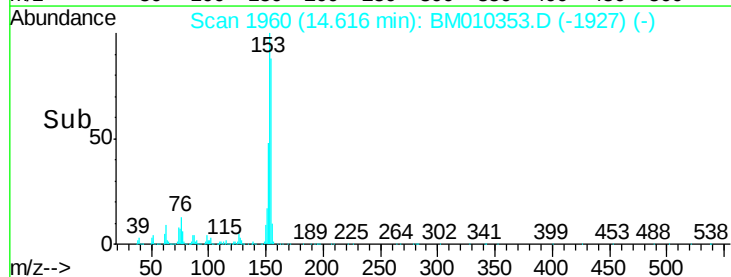
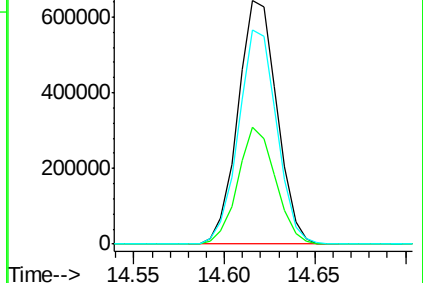
154 87.9 70.4 105.6

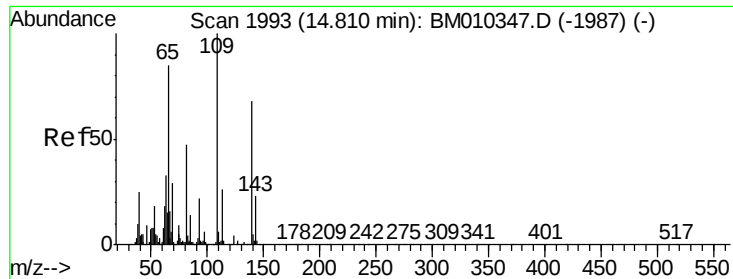


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 12.613 ng/ul

RT: 14.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BM010353.D

Acq: 01 Jun 2017 13:48

Instrument :

BNA_M

ClientSampleId :

JHSF7MS

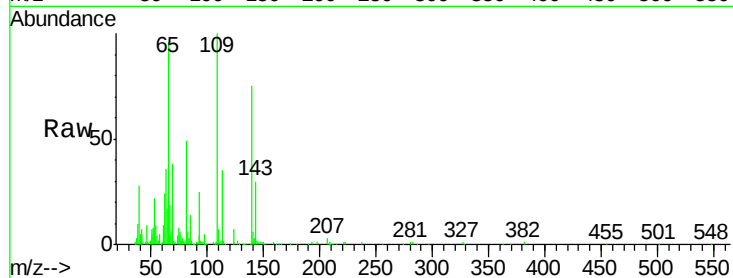
Tgt Ion:109 Resp: 156951

Ion Ratio Lower Upper

109 100

139 75.4 66.6 100.0

65 96.0 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): BM

120000

100000

80000

60000

40000

20000

0

14.80

14.81

14.82

14.83

14.84

14.85

14.86

14.87

14.88

14.89

14.90

14.91

14.92

14.93

14.94

14.95

14.96

14.97

14.98

14.99

15.00

15.01

15.02

15.03

15.04

15.05

15.06

15.07

15.08

15.09

15.10

15.11

15.12

15.13

15.14

15.15

15.16

15.17

15.18

15.19

15.20

15.21

15.22

15.23

15.24

15.25

15.26

15.27

15.28

15.29

15.30

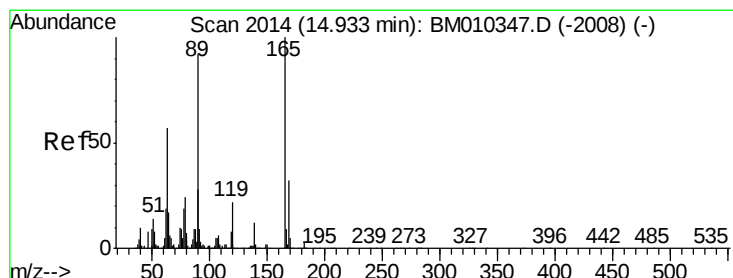
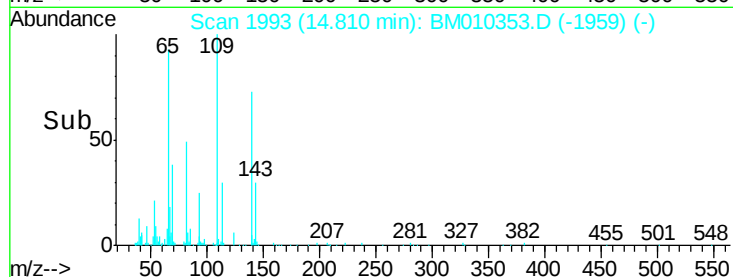
15.31

15.32

15.33

15.34

15.35



#54

2,4-Dinitrotoluene

Concen: 20.397 ng/ul

RT: 14.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BM010353.D

Acq: 01 Jun 2017 13:48

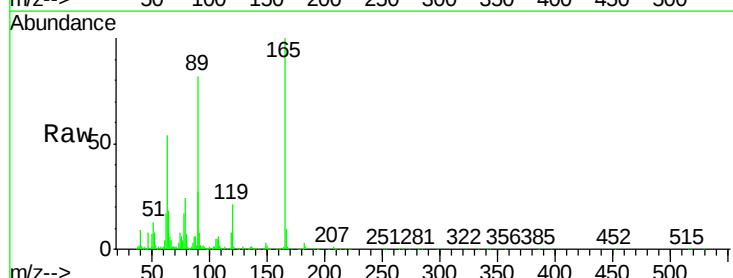
Tgt Ion:165 Resp: 327688

Ion Ratio Lower Upper

165 100

63 53.9 45.8 68.8

182 3.1 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

300000

200000

100000

0

14.85

14.90

14.93

14.95

14.96

14.97

14.98

14.99

15.00

15.01

15.02

15.03

15.04

15.05

15.06

15.07

15.08

15.09

15.10

15.11

15.12

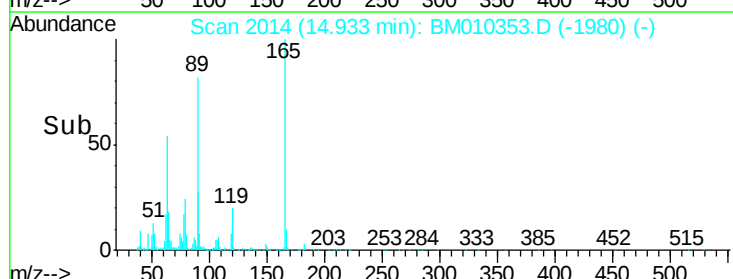
15.13

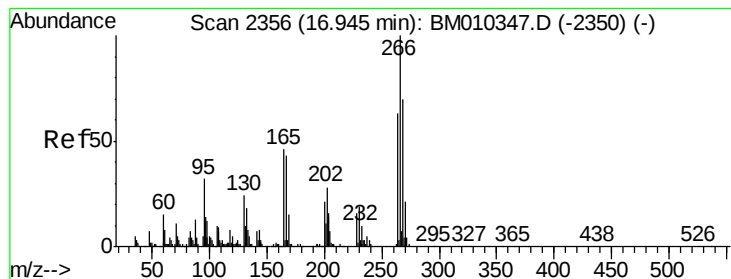
15.14

15.15

15.16

15.17





#68

Pentachlorophenol

Concen: 17.369 ng/ul

RT: 16.94 min Scan# 2356

Delta R.T. 0.00 min

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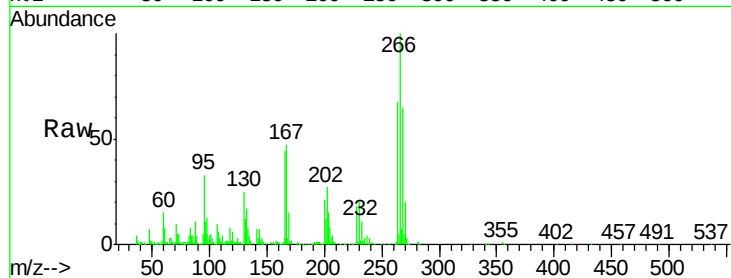
Tgt Ion:266 Resp: 243078

Ion Ratio Lower Upper

266 100

264 66.6 49.3 73.9

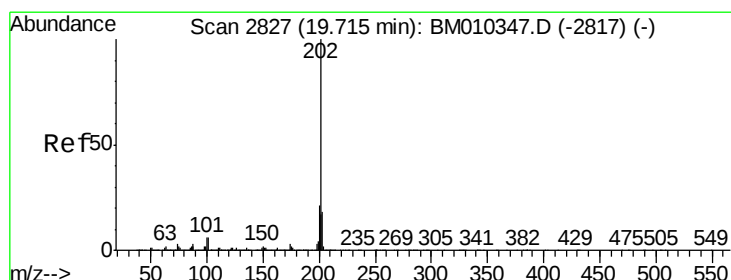
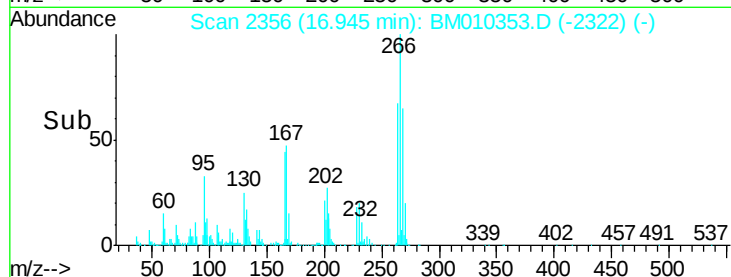
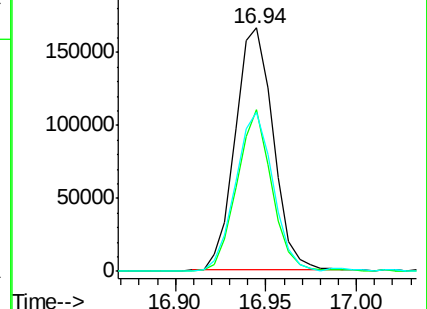
268 65.1 52.6 78.8



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: 21.265 ng/ul

RT: 19.72 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM010353.D

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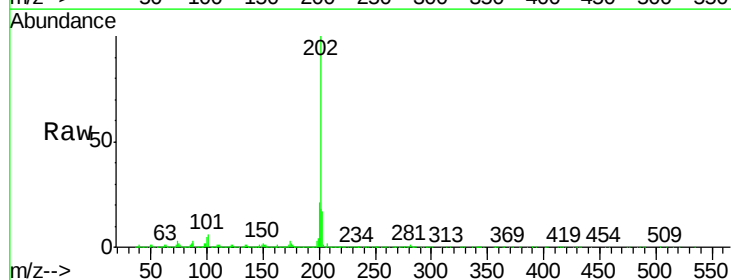
Tgt Ion:202 Resp: 2606234

Ion Ratio Lower Upper

202 100

101 6.2 5.1 7.7

100 5.3 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

