

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003145.D
 Acq On : 16 Nov 2015 16:35
 Operator : UM/IZ
 Sample : G4309-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9KL4MS

Quant Time: Nov 17 00:20:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 00:18:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	108621	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	469919	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	265924	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	616564	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	710337	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	719572	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	12043	5.23	ng/uL	0.00
5) Phenol-d5	6.91	99	251607	29.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	142628	28.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	214870	29.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	207378	29.95	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	103390	36.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	111960	38.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	196537	30.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	255366	30.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	650820	32.53	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	777825	30.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	117926	34.97	ng/ul	0.00
58) Fluorene-d10	15.39	176	561874	32.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	86695	30.36	ng/ul	0.00
71) Anthracene-d10	17.23	188	880985	32.23	ng/ul	0.00
79) Pyrene-d10	19.53	212	1011018	28.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1143503	33.44	ng/ul	0.00

Target Compounds

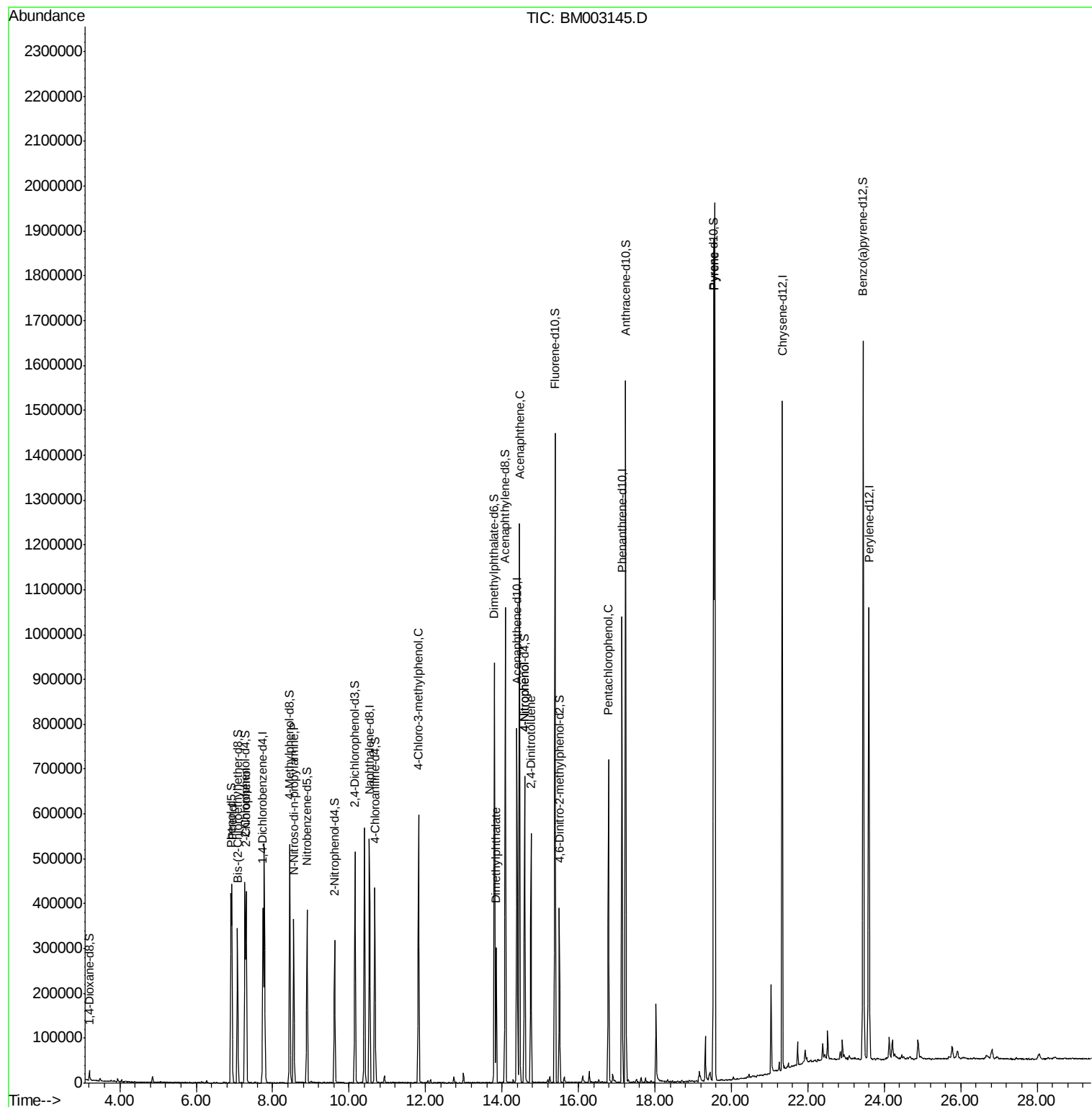
						Ovalue
6) Phenol	6.93	94	245259	27.75	ng/ul	93
10) 2-Chlorophenol	7.31	128	207709	27.64	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	142501	27.37	ng/ul	92
33) 4-Chloro-3-methylphenol	11.82	107	208233	29.49	ng/ul	95
45) Dimethylphthalate	13.84	163	193923	9.51	ng/ul	99
50) Acenaphthene	14.46	153	501139	27.49	ng/ul	99
53) 4-Nitrophenol	14.60	109	89463	34.90	ng/ul#	74
55) 2,4-Dinitrotoluene	14.76	165	169460	36.14	ng/ul	94
69) Pentachlorophenol	16.79	266	119230	29.23	ng/ul	97
80) Pyrene	19.56	202	1168590	25.15	ng/ul	95

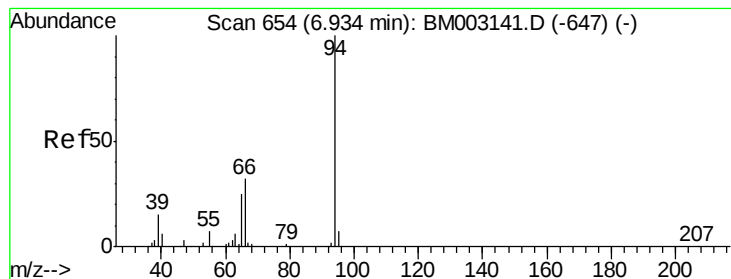
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 27.75 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

Instrument :

BNA_M

ClientSampleId :

D9KL4MS

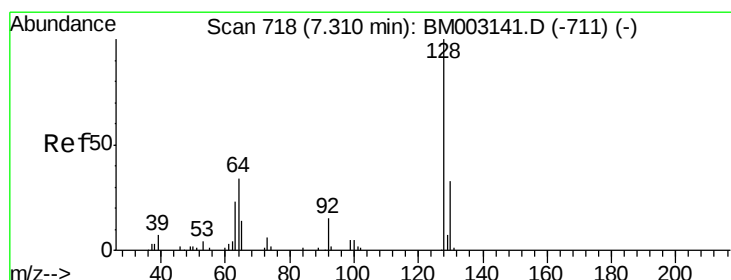
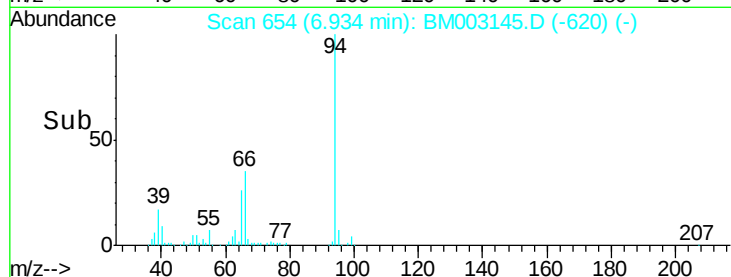
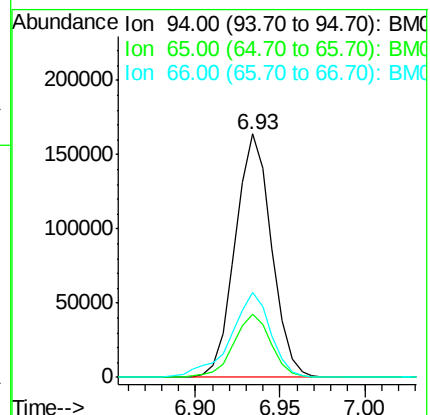
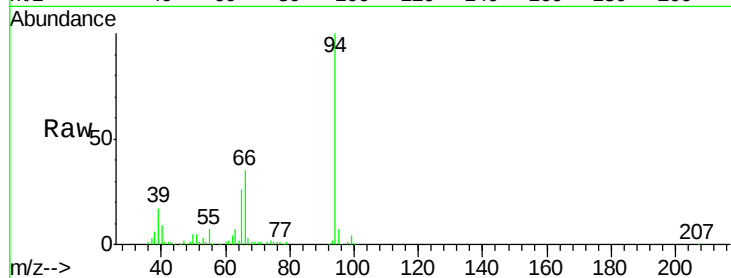
Tot Ion: 94 Resp: 245259

Ion Ratio Lower Upper

94 100

65 26.0 18.7 28.1

66 35.1 24.2 36.2



#10

2-Chlorophenol

Concen: 27.64 ng/ul

RT: 7.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

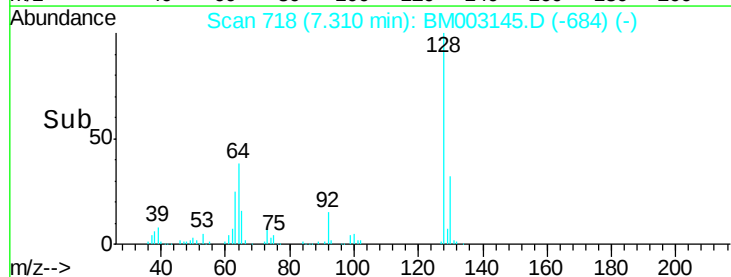
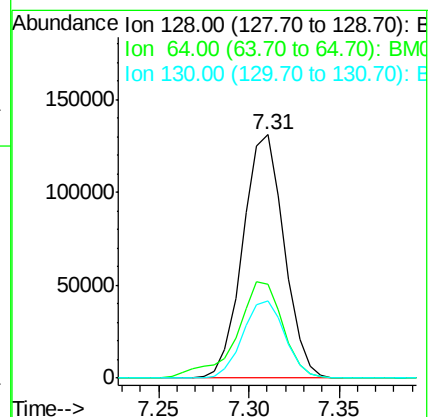
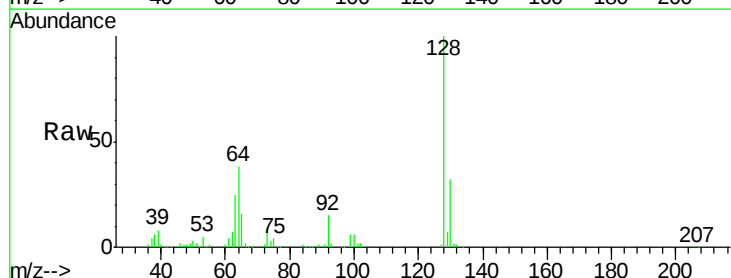
Tgt Ion: 128 Resp: 207709

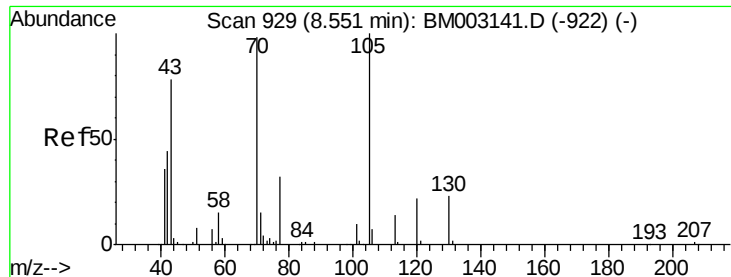
Ion Ratio Lower Upper

128 100

64 38.4 32.2 48.4

130 31.5 26.7 40.1





#15

N-Nitroso-di-n-propylamine

Concen: 27.37 ng/ul

RT: 8.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

Instrument :

BNA_M

ClientSampleId :

D9KL4MS

Tot Ion: 70 Resp: 142501

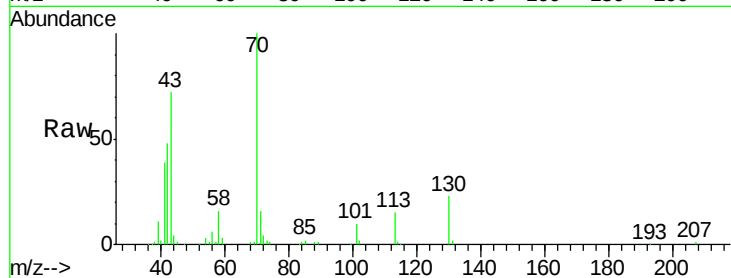
Ion Ratio Lower Upper

70 100

42 47.6 43.5 65.3

101 10.3 9.0 13.4

130 23.4 21.4 32.2

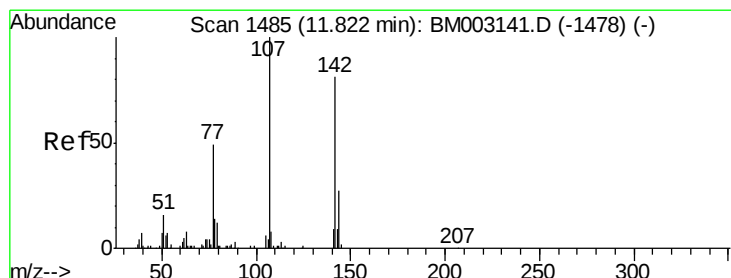
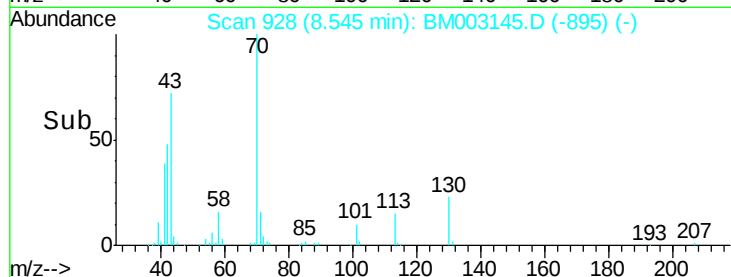
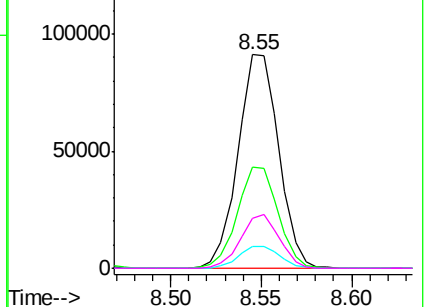


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 29.49 ng/ul

RT: 11.82 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

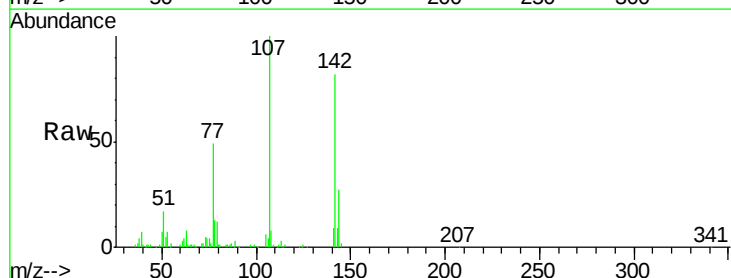
Tgt Ion:107 Resp: 208233

Ion Ratio Lower Upper

107 100

144 26.7 22.8 34.2

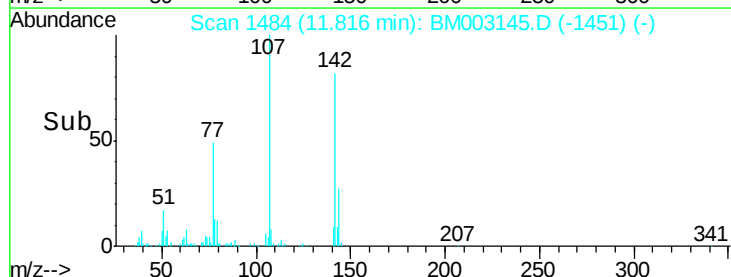
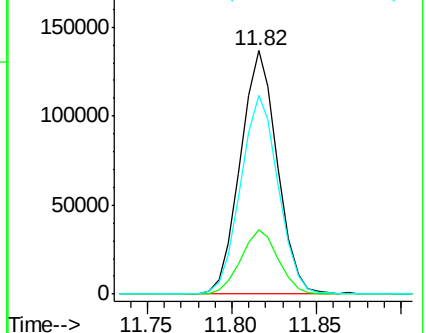
142 81.8 69.5 104.3

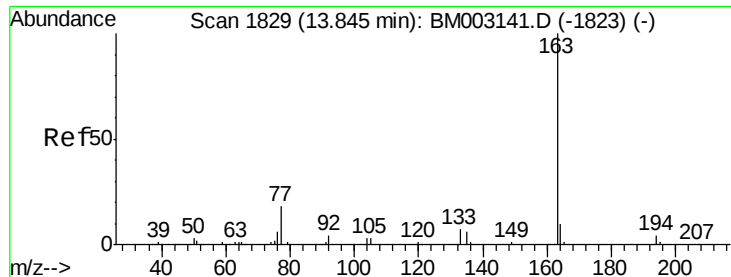


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 9.51 ng/ul

RT: 13.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

Instrument :

BNA_M

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D9KL4MS

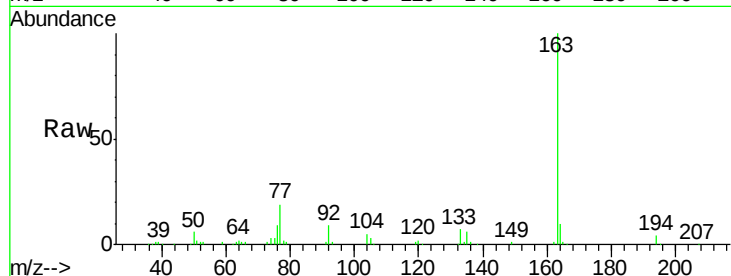
Tot Ion:163 Resp: 193923

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

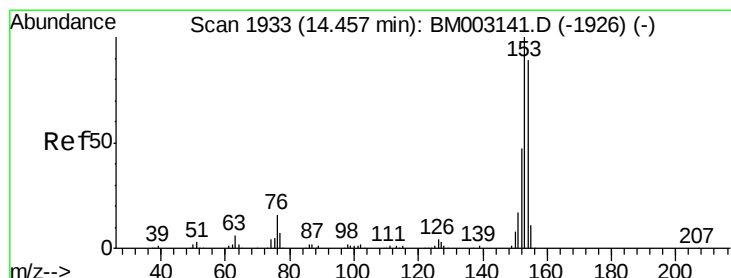
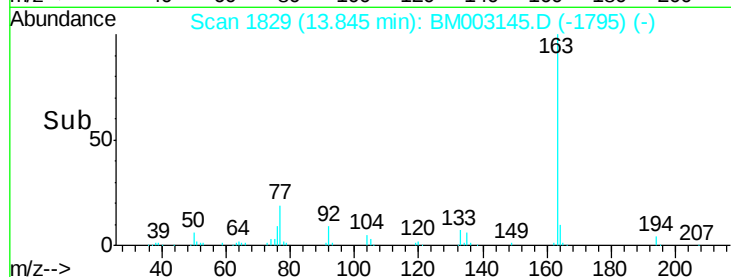
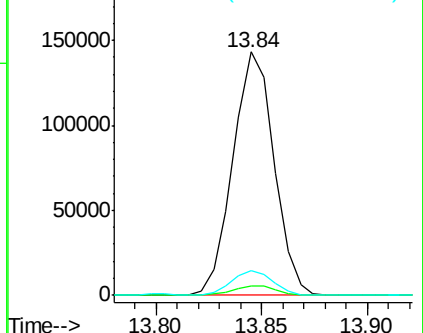
164 10.1 7.8 11.8



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



#50

Acenaphthene

Concen: 27.49 ng/ul

RT: 14.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

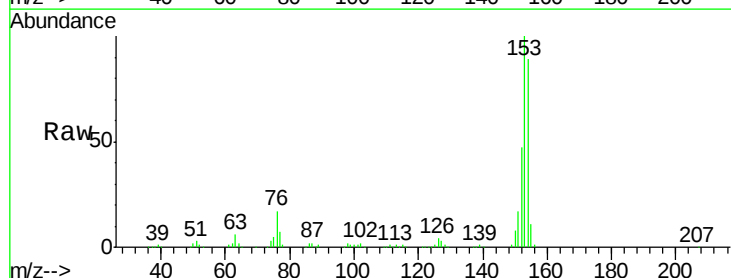
Tgt Ion:153 Resp: 501139

Ion Ratio Lower Upper

153 100

152 47.5 37.0 55.6

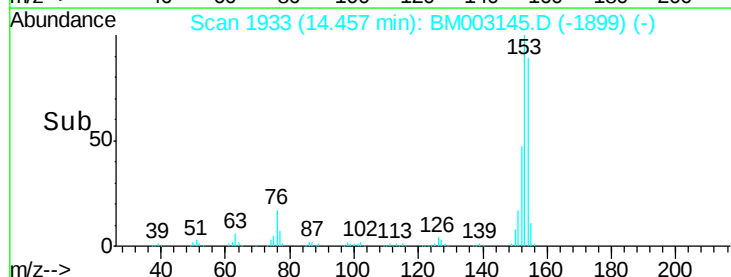
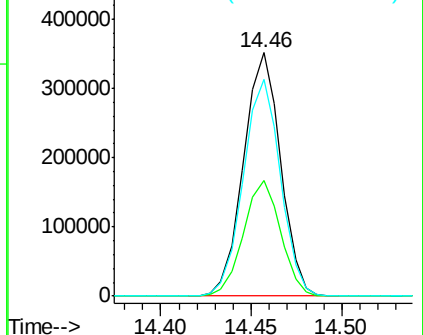
154 88.9 71.0 106.4

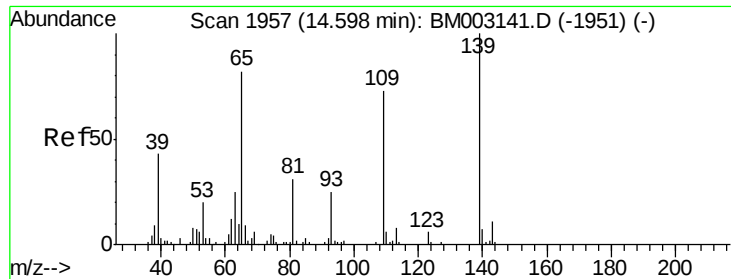


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 34.90 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

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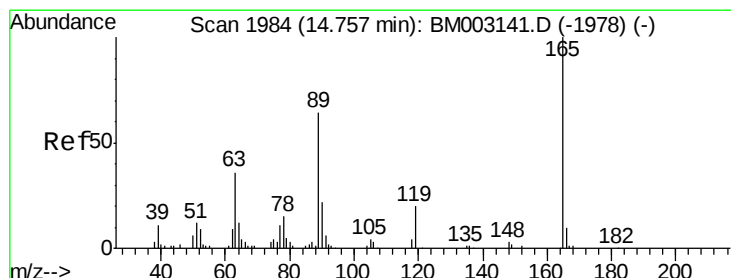
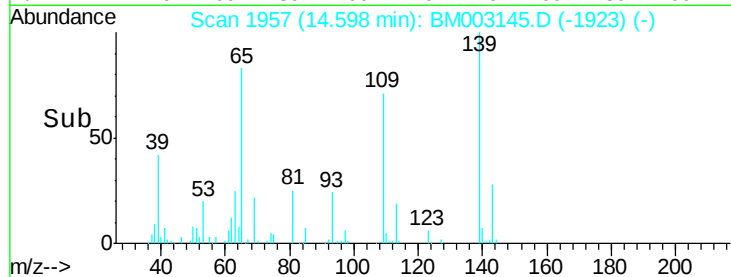
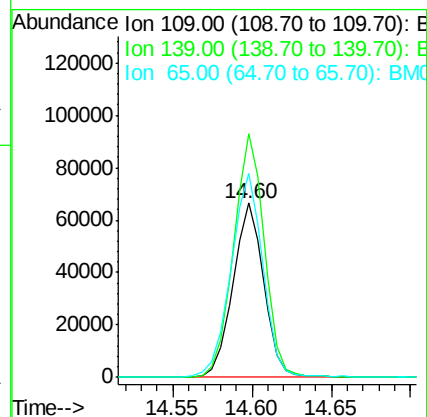
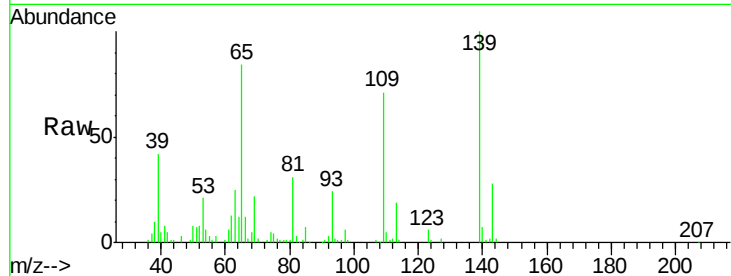
Tot Ion:109 Resp: 89463

Ion Ratio Lower Upper

109 100

139 139.9 150.3 225.5#

65 117.5 110.4 165.6



#55

2,4-Dinitrotoluene

Concen: 36.14 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

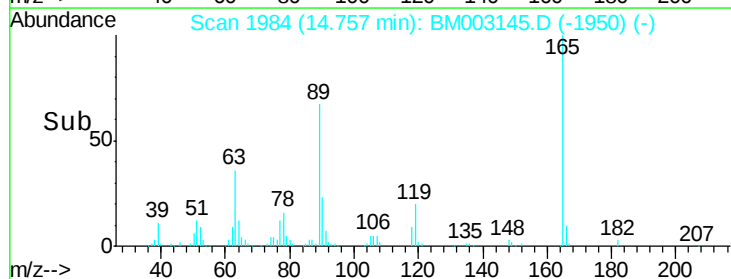
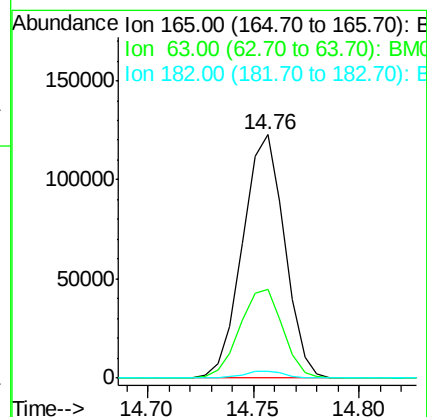
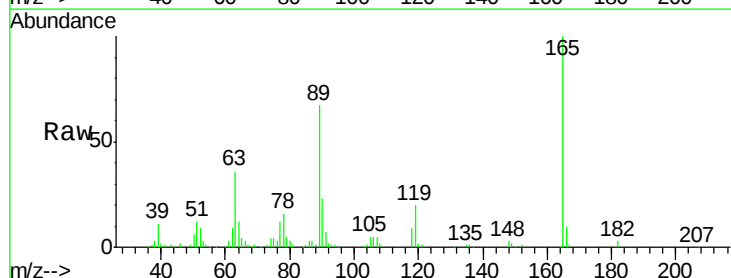
Tgt Ion:165 Resp: 169460

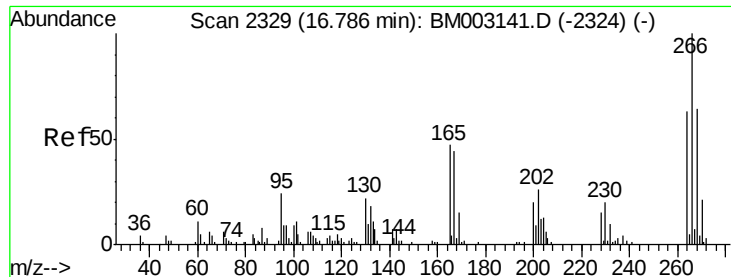
Ion Ratio Lower Upper

165 100

63 36.3 26.2 39.2

182 2.7 2.2 3.4

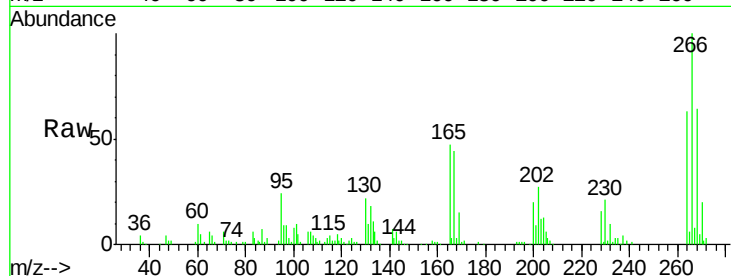




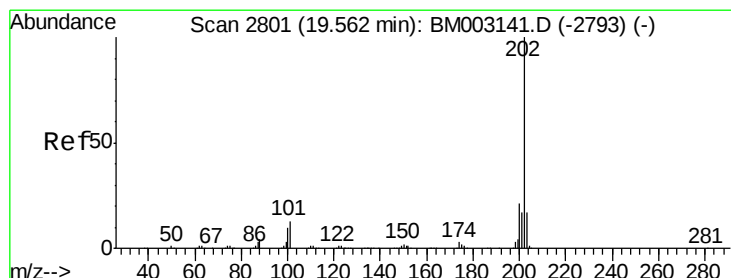
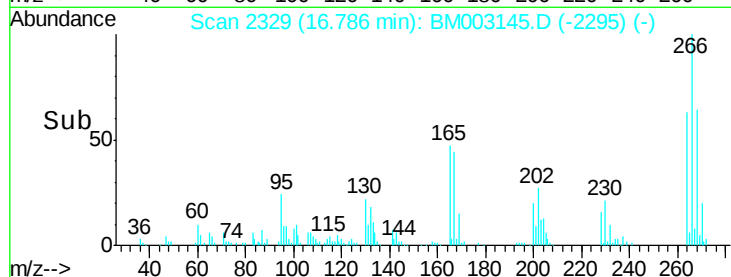
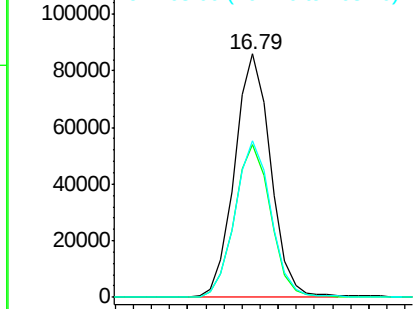
#69
 Pentachlorophenol
 Concen: 29.23 ng/ul
 RT: 16.79 min Scan# 2329
 Delta R.T. 0.00 min
 Lab File: BM003145.D
 Acq: 16 Nov 2015 16:35

Instrument :
 BNA_M
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 D9KL4MS

Tot Ion:266 Resp: 119230
 Ion Ratio Lower Upper
 266 100
 264 62.9 52.0 78.0
 268 64.2 49.7 74.5

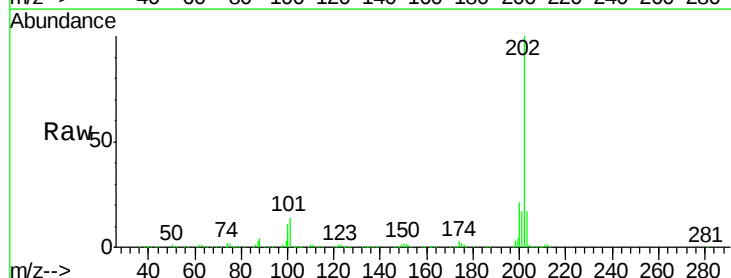


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 25.15 ng/ul
 RT: 19.56 min Scan# 2801
 Delta R.T. 0.00 min
 Lab File: BM003145.D
 Acq: 16 Nov 2015 16:35

Tgt Ion:202 Resp: 1168590
 Ion Ratio Lower Upper
 202 100
 101 13.8 12.6 18.8
 100 11.1 10.6 15.8



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

