

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062316\
 Data File : BM005945.D
 Acq On : 24 Jun 2016 00:36
 Operator : UM/SJ
 Sample : H3612-22MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z39MS

Quant Time: Jun 24 01:21:44 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 00:58:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	330865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1484499	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	806622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1716923	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	1846239	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1903750	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	13961	1.68	ng/uL	0.00
5) Phenol-d5	6.83	99	529306	18.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	342529	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	413933	18.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	390563	17.50	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	201914	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	210610	18.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	391916	17.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	545455	22.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1213334	18.93	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1516567	18.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	155861	12.44	ng/ul	0.00
57) Fluorene-d10	15.30	176	1036368	18.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	115879	13.55	ng/ul	0.00
70) Anthracene-d10	17.16	188	1513815	19.36	ng/ul	0.00
76) Pyrene-d10	19.45	212	1679258	19.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1727837	20.14	ng/ul	0.00

Target Compounds

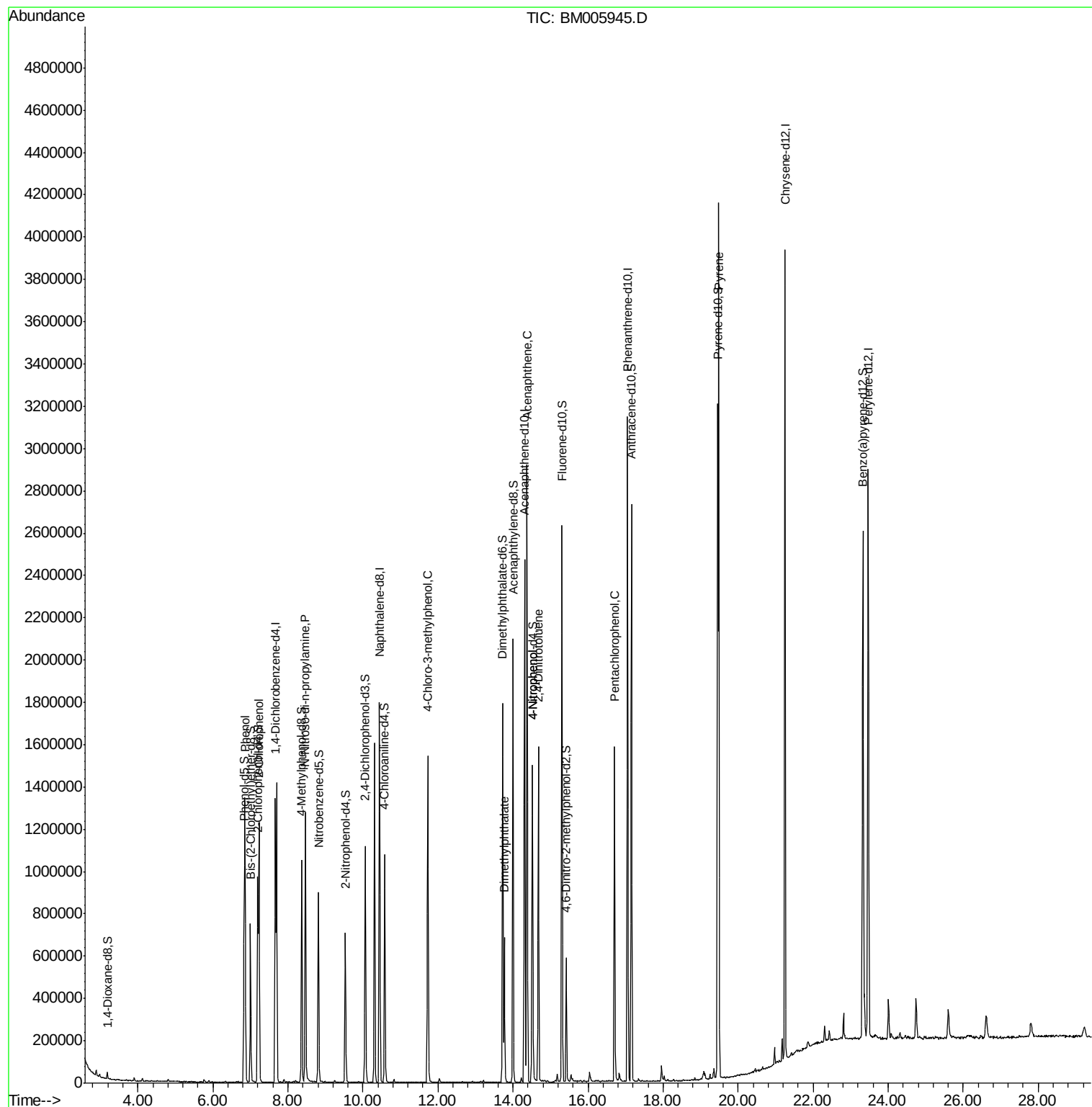
						Ovalue
6) Phenol	6.86	94	657246	21.20	ng/ul	95
10) 2-Chlorophenol	7.23	128	496162	21.16	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	450046	23.75	ng/ul	99
33) 4-Chloro-3-methylphenol	11.73	107	544694	21.07	ng/ul	98
44) Dimethylphthalate	13.77	163	410665	6.35	ng/ul	100
49) Acenaphthene	14.37	153	1205478	22.41	ng/ul	99
52) 4-Nitrophenol	14.52	109	217714	18.16	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	393619	21.12	ng/ul	97
68) Pentachlorophenol	16.70	266	255594	21.82	ng/ul	98
77) Pyrene	19.49	202	2534771	22.45	ng/ul	98

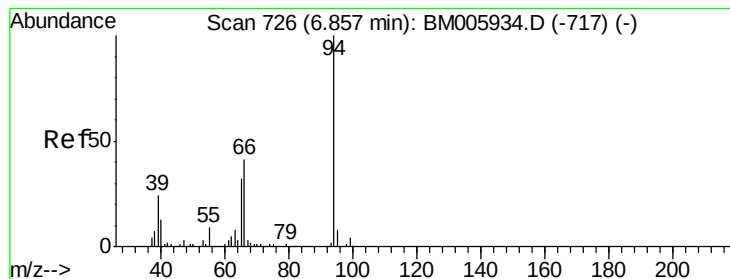
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 21.20 ng/ul

RT: 6.86 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM005945.D

Acq: 24 Jun 2016 00:36

Instrument :

BNA_M

ClientSampleId :

D9Z39MS

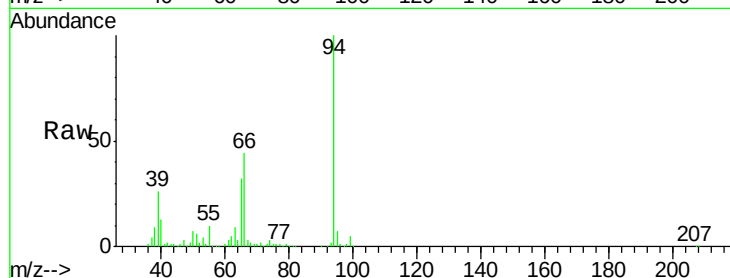
Tot Ion: 94 Resp: 657246

Ion Ratio Lower Upper

94 100

65 31.9 24.5 36.7

66 43.8 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005934.D (-717) (-)

Ion 65.00 (64.70 to 65.70): BM005934.D (-717) (-)

Ion 66.00 (65.70 to 66.70): BM005934.D (-717) (-)

6.86

400000

300000

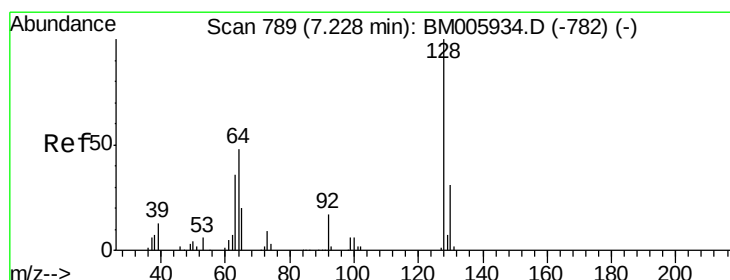
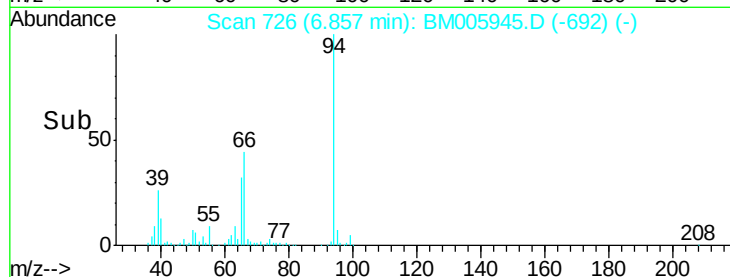
200000

100000

0

6.80 6.85 6.90 6.95

Time-->



#10

2-Chlorophenol

Concen: 21.16 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. -0.00 min

Lab File: BM005945.D

Acq: 24 Jun 2016 00:36

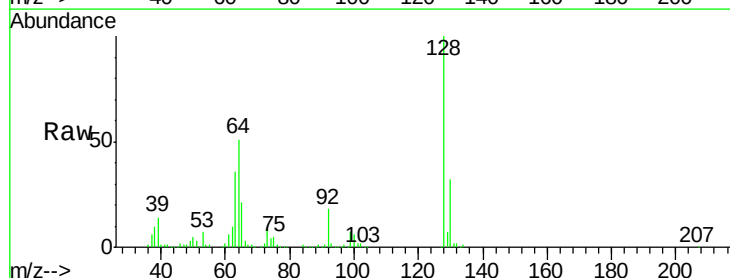
Tgt Ion:128 Resp: 496162

Ion Ratio Lower Upper

128 100

64 51.2 41.7 62.5

130 32.1 25.9 38.9



Abundance Ion 128.00 (127.70 to 128.70): BM005934.D (-782) (-)

Ion 64.00 (63.70 to 64.70): BM005934.D (-782) (-)

Ion 130.00 (129.70 to 130.70): BM005934.D (-782) (-)

7.23

400000

300000

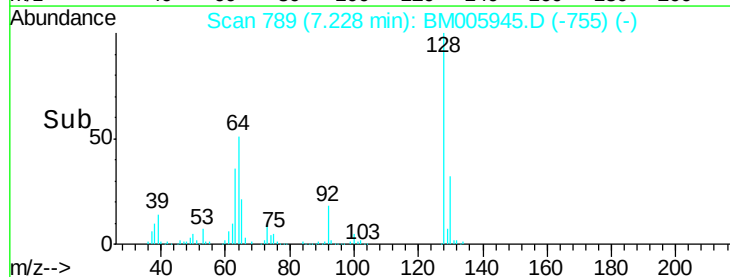
200000

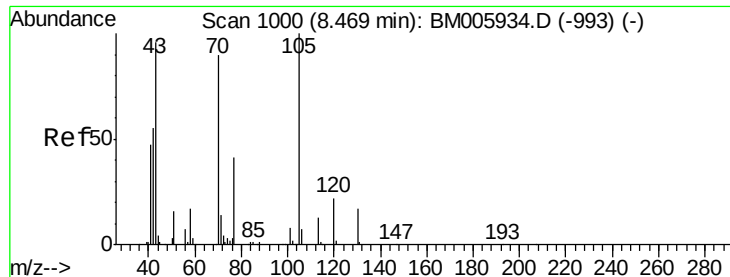
100000

0

7.15 7.20 7.25 7.30 7.35

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 23.75 ng/ul

RT: 8.46 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM005945.D

Acq: 24 Jun 2016 00:36

Instrument :

BNA_M

ClientSampleId :

D9Z39MS

Tot Ion: 70 Resp: 450046

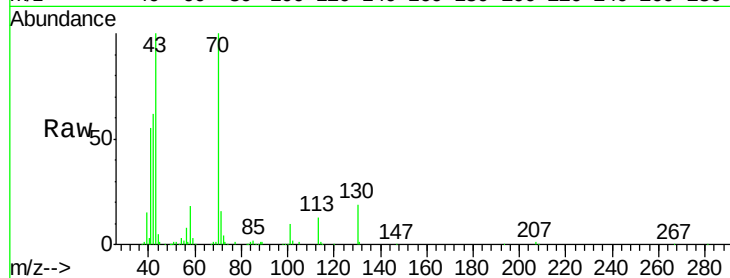
Ion Ratio Lower Upper

70 100

42 62.0 50.3 75.5

101 9.9 7.4 11.0

130 19.4 15.1 22.7



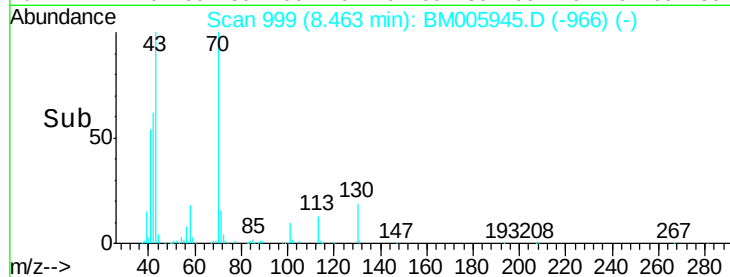
Abundance Ion 70.00 (69.70 to 70.70): BM005934.D (-993) (-)

Ion 42.00 (41.70 to 42.70): BM005934.D (-993) (-)

Ion 101.00 (100.70 to 101.70): BM005934.D (-993) (-)

Ion 130.00 (129.70 to 130.70): BM005934.D (-993) (-)

Time-->



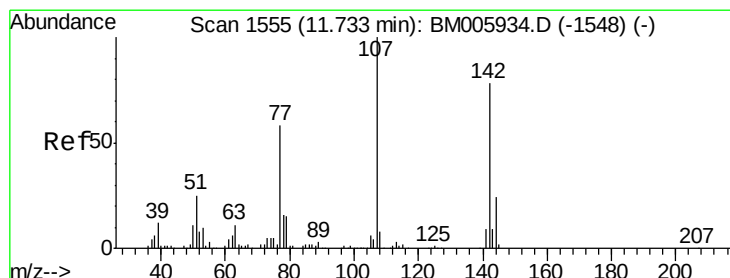
Abundance Ion 70.00 (69.70 to 70.70): BM005945.D (-966) (-)

Ion 42.00 (41.70 to 42.70): BM005945.D (-966) (-)

Ion 101.00 (100.70 to 101.70): BM005945.D (-966) (-)

Ion 130.00 (129.70 to 130.70): BM005945.D (-966) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 21.07 ng/ul

RT: 11.73 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BM005945.D

Acq: 24 Jun 2016 00:36

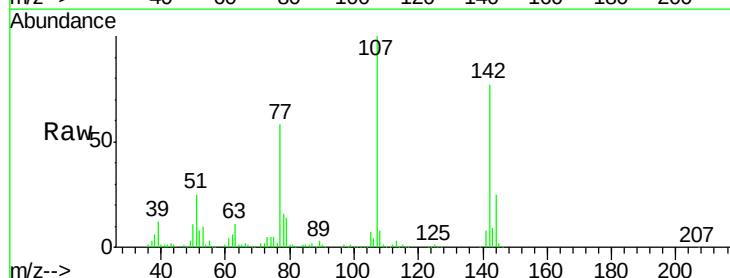
Tgt Ion:107 Resp: 544694

Ion Ratio Lower Upper

107 100

144 24.8 20.1 30.1

142 77.3 63.8 95.6

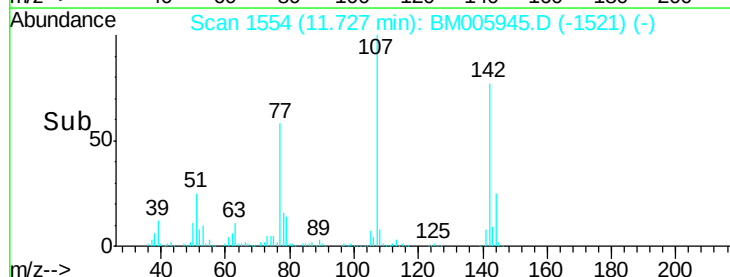


Abundance Ion 107.00 (106.70 to 107.70): BM005934.D (-1548) (-)

Ion 144.00 (143.70 to 144.70): BM005934.D (-1548) (-)

Ion 142.00 (141.70 to 142.70): BM005934.D (-1548) (-)

Time-->

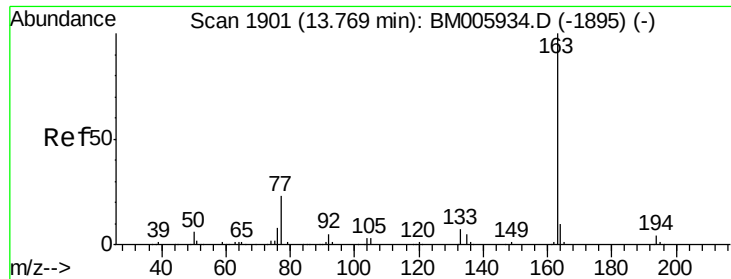


Abundance Ion 107.00 (106.70 to 107.70): BM005945.D (-1521) (-)

Ion 144.00 (143.70 to 144.70): BM005945.D (-1521) (-)

Ion 142.00 (141.70 to 142.70): BM005945.D (-1521) (-)

Time-->



#44

Dimethylphthalate

Concen: 6.35 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BM005945.D

Acq: 24 Jun 2016 00:36

Instrument :

BNA_M

ClientSampleId :

D9Z39MS

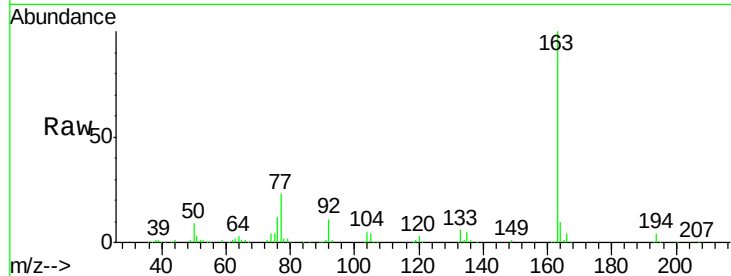
Tot Ion:163 Resp: 410665

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

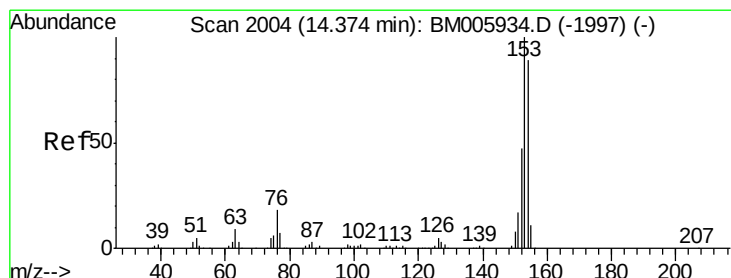
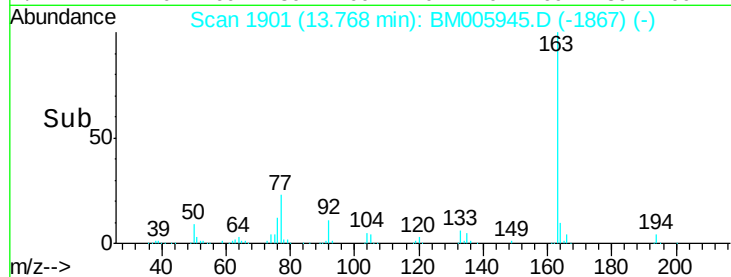
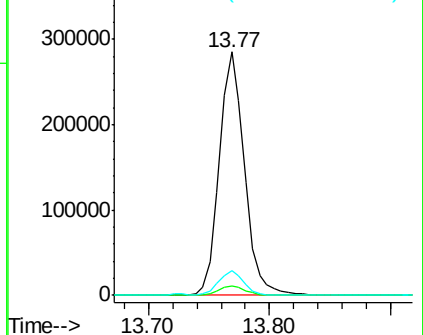
164 10.1 7.9 11.9



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: 22.41 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM005945.D

Acq: 24 Jun 2016 00:36

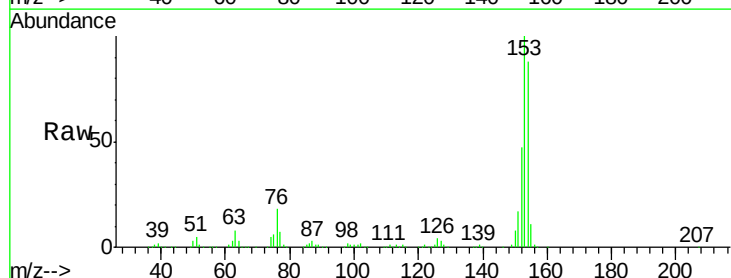
Tgt Ion:153 Resp: 1205478

Ion Ratio Lower Upper

153 100

152 47.5 38.4 57.6

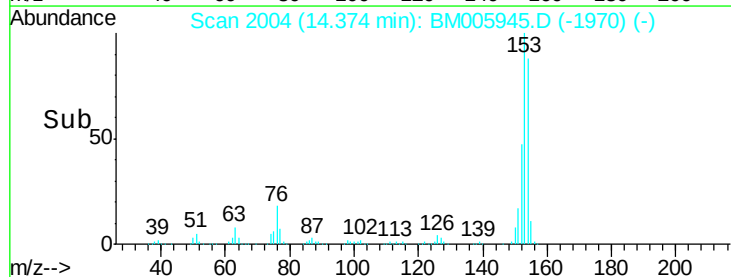
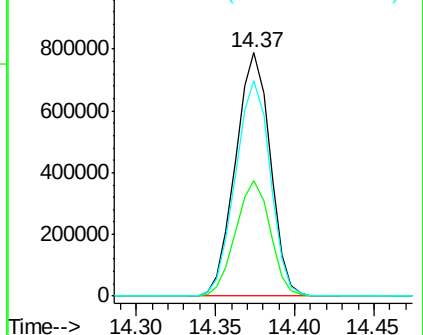
154 88.3 71.9 107.9

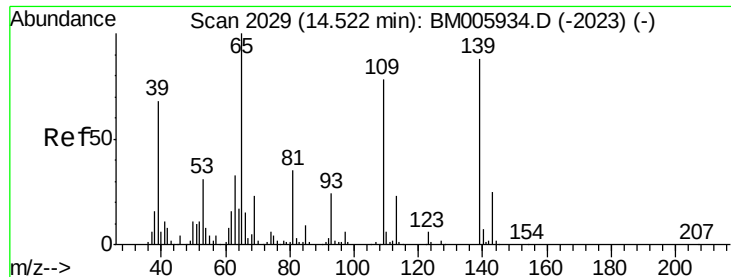


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.16 ng/ul

RT: 14.52 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BM005945.D

Acq: 24 Jun 2016 00:36

Instrument :

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ClientSampleId :

D9Z39MS

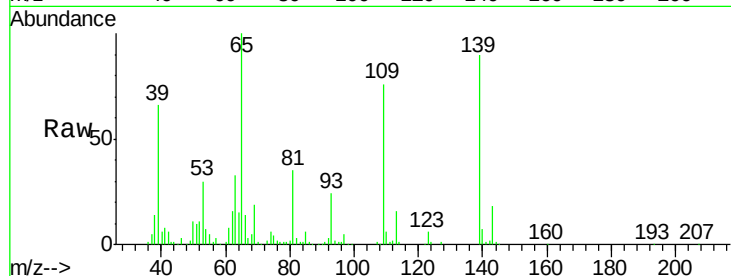
Tot Ion:109 Resp: 217714

Ion Ratio Lower Upper

109 100

139 117.8 93.1 139.7

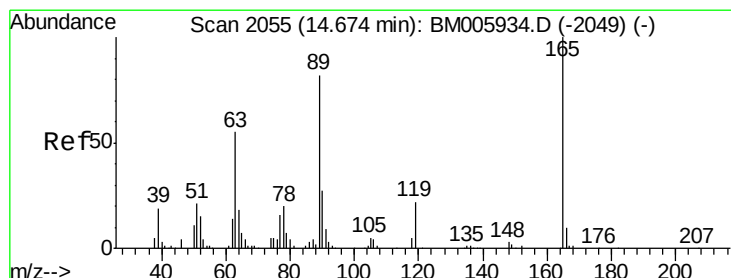
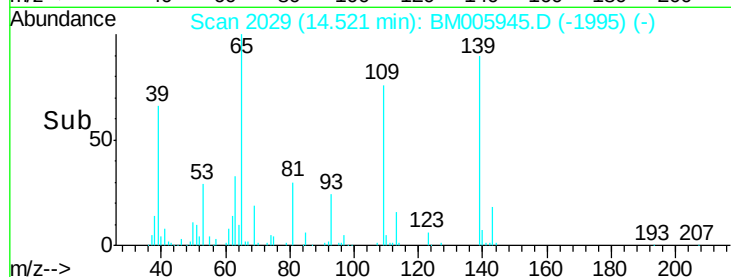
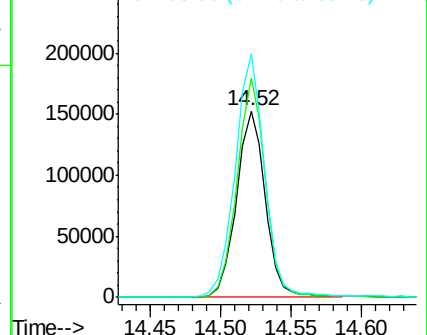
65 130.8 105.2 157.8



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



#54

2,4-Dinitrotoluene

Concen: 21.12 ng/ul

RT: 14.67 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BM005945.D

Acq: 24 Jun 2016 00:36

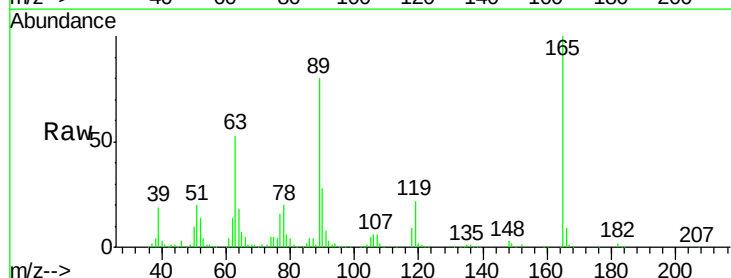
Tgt Ion:165 Resp: 393619

Ion Ratio Lower Upper

165 100

63 53.4 41.2 61.8

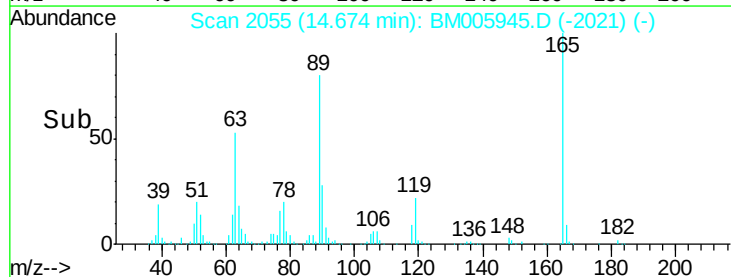
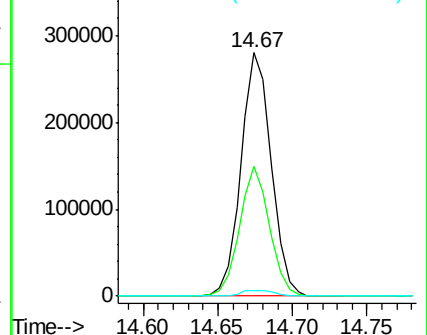
182 2.3 2.0 3.0

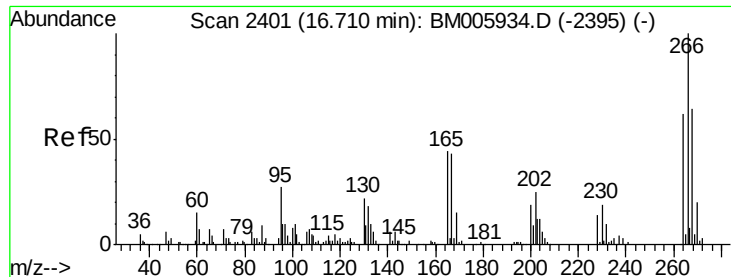


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

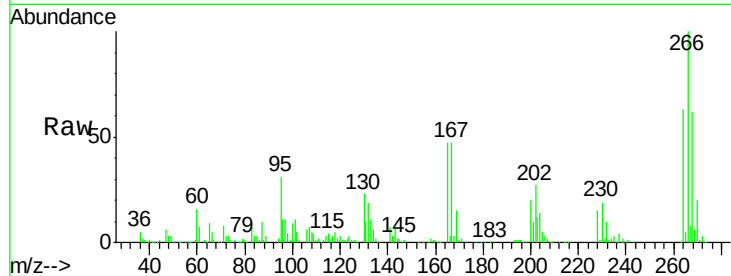




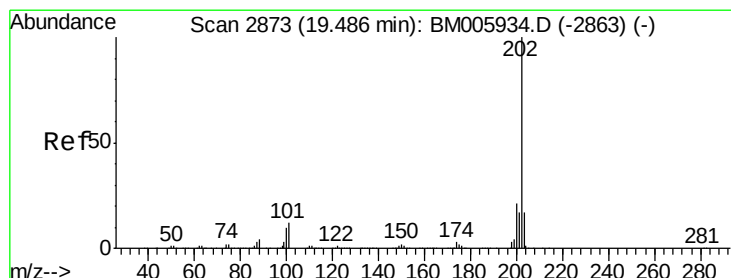
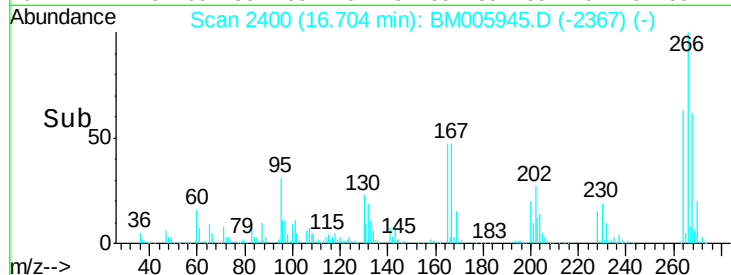
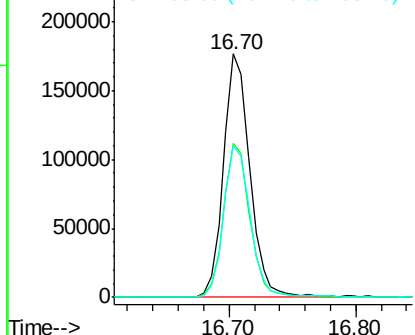
#68
 Pentachlorophenol
 Concen: 21.82 ng/ul
 RT: 16.70 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BM005945.D
 Acq: 24 Jun 2016 00:36

Instrument :
 BNA_M
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 D9Z39MS

Tot Ion:266 Resp: 255594
 Ion Ratio Lower Upper
 266 100
 264 63.3 52.1 78.1
 268 62.2 51.0 76.4

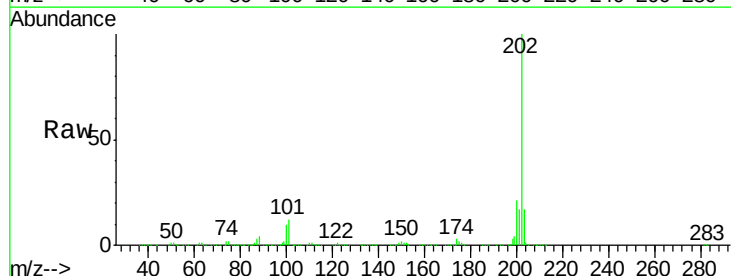


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 22.45 ng/ul
 RT: 19.49 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: BM005945.D
 Acq: 24 Jun 2016 00:36

Tgt Ion:202 Resp: 2534771
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.2 15.2
 100 9.8 8.2 12.4



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

