

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
 Data File : BM004277.D
 Acq On : 16 Feb 2016 03:46
 Operator : SJ/UM
 Sample : H1416-20MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QF3MSD

Quant Time: Feb 16 05:54:22 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 16 02:45:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	31508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	138587	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	72933	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	149362	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	156620	20.00	ng/ul	0.01
86) Perylene-d12	23.51	264	154957	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	924	1.48	ng/uL	0.00
5) Phenol-d5	6.85	99	22958	9.07	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.98	67	44820	32.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	67397	30.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	42648	19.78	ng/ul	0.02
19) Nitrobenzene-d5	8.81	128	37924	35.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	43220	36.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	68379	31.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	4100	1.60	ng/ul	0.01
44) Dimethylphthalate-d6	13.72	166	209648	34.54	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	259948	35.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	7856	8.00	ng/ul	0.03
58) Fluorene-d10	15.30	176	175093	34.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	25469	28.00	ng/ul	0.00
71) Anthracene-d10	17.16	188	258349	35.38	ng/ul	0.00
79) Pyrene-d10	19.47	212	274538	33.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	288256	34.86	ng/ul	0.02

Target Compounds

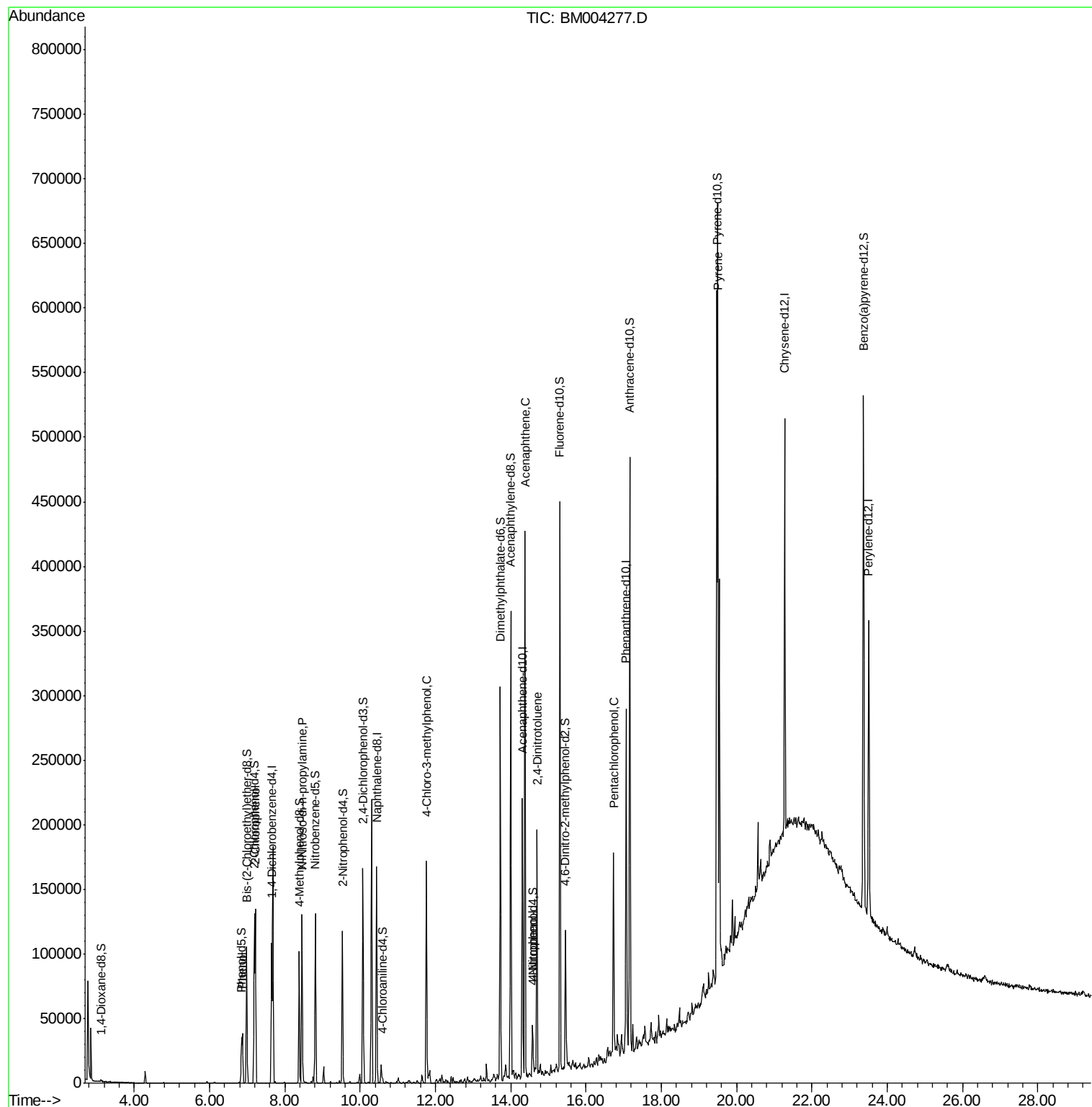
						Ovalue
6) Phenol	6.87	94	24399	9.05	ng/ul	99
10) 2-Chlorophenol	7.22	128	66431	28.47	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	53452	32.26	ng/ul	96
33) 4-Chloro-3-methylphenol	11.76	107	66876	26.99	ng/ul	99
50) Acenaphthene	14.37	153	178524	32.72	ng/ul	98
53) 4-Nitrophenol	14.59	109	6015	7.66	ng/ul	98
55) 2,4-Dinitrotoluene	14.69	165	60118	33.44	ng/ul	96
69) Pentachlorophenol	16.73	266	28603	31.77	ng/ul	100
80) Pvrene	19.50	202	347874	30.71	ng/ul	99

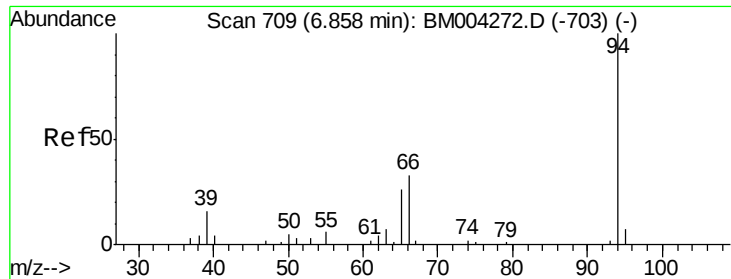
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 9.05 ng/ul

RT: 6.87 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM004277.D

Acq: 16 Feb 2016 03:46

Instrument :

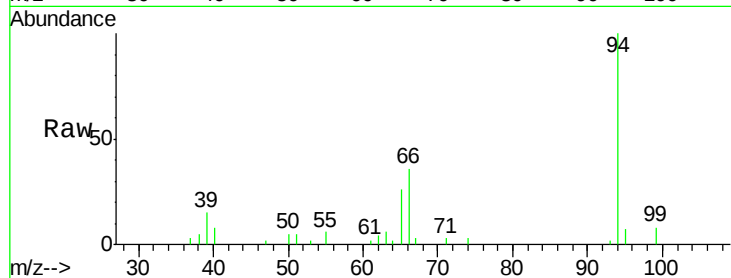
BNA_M

ClientSampleId :

D9QF3MSD

Tot Ion: 94 Resp: 24399

Ion	Ratio	Lower	Upper
94	100		
65	26.3	21.0	31.6
66	35.8	29.3	43.9

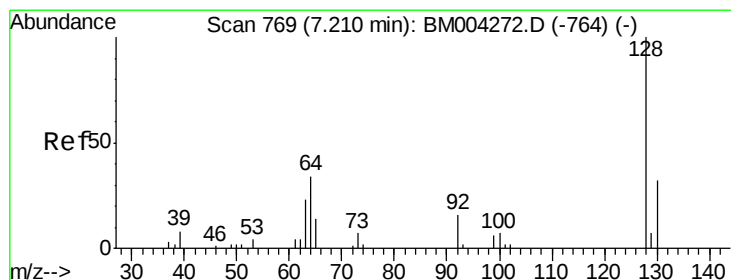
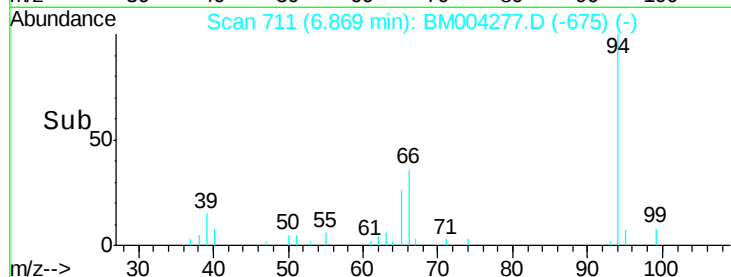
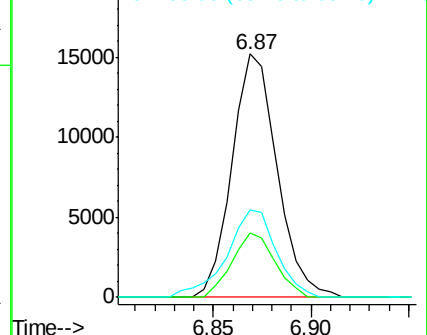


Abundance

Ion 94.00 (93.70 to 94.70): BM004277.D (-711) (-)

Ion 65.00 (64.70 to 65.70): BM004277.D (-711) (-)

Ion 66.00 (65.70 to 66.70): BM004277.D (-711) (-)



#10

2-Chlorophenol

Concen: 28.47 ng/ul

RT: 7.22 min Scan# 770

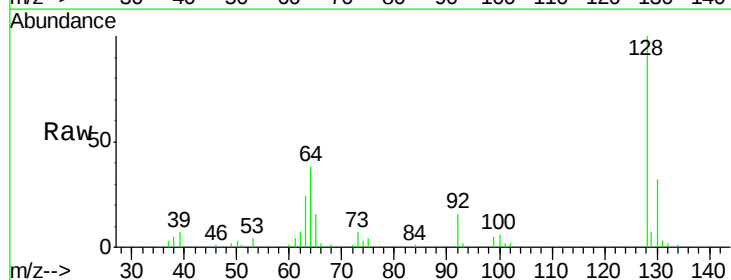
Delta R.T. 0.01 min

Lab File: BM004277.D

Acq: 16 Feb 2016 03:46

Tgt Ion: 128 Resp: 66431

Ion	Ratio	Lower	Upper
128	100		
64	38.0	31.9	47.9
130	32.3	25.6	38.4

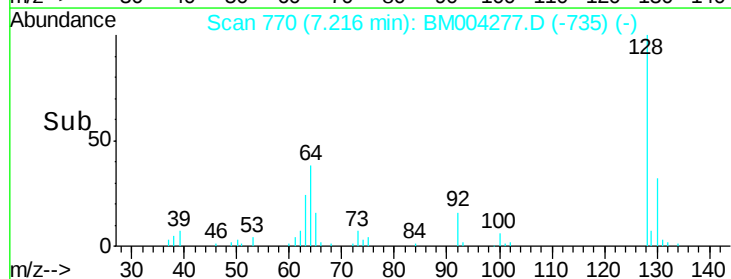
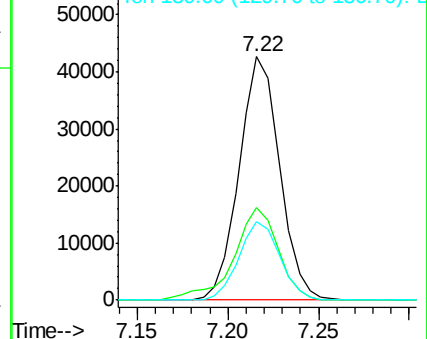


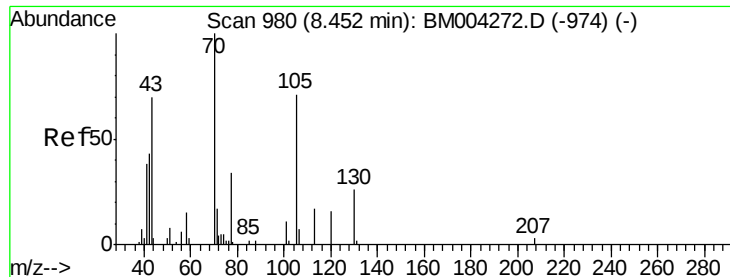
Abundance

Ion 128.00 (127.70 to 128.70): BM004277.D (-770) (-)

Ion 64.00 (63.70 to 64.70): BM004277.D (-770) (-)

Ion 130.00 (129.70 to 130.70): BM004277.D (-770) (-)

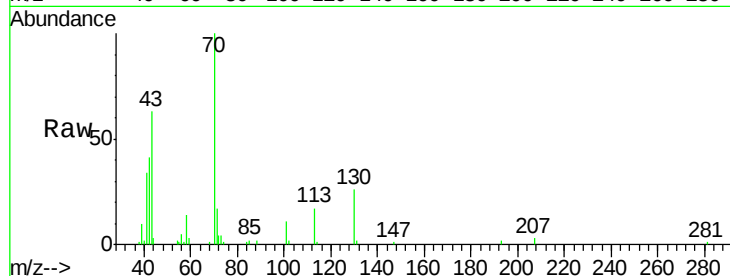




#15
N-Nitroso-di-n-propylamine
Concen: 32.26 ng/ul
RT: 8.46 min Scan# 981
Delta R.T. 0.01 min
Lab File: BM004277.D
Acq: 16 Feb 2016 03:46

Instrument :
BNA_M
ClientSampleId :
D9QF3MSD

Tot Ion:	70	Resp:	53452
Ion	Ratio	Lower	Upper
70	100		
42	41.2	35.4	53.0
101	11.0	8.4	12.6
130	25.5	18.2	27.4

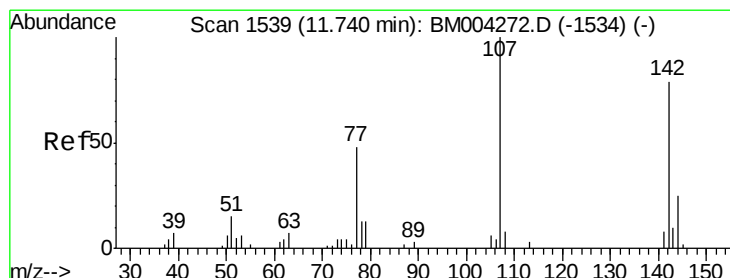
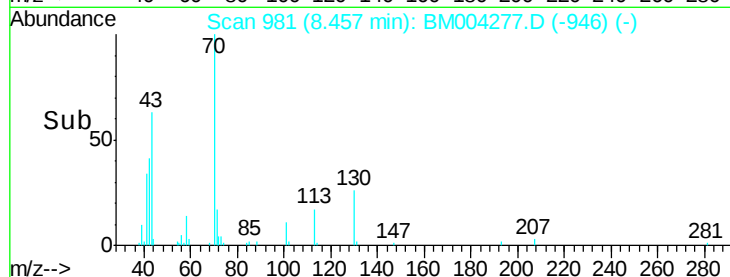
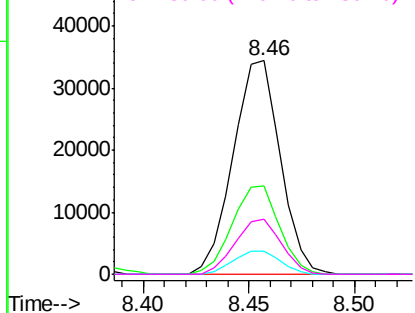


Abundance Ion 70.00 (69.70 to 70.70): BM004277.D (-946) (-)

Ion 42.00 (41.70 to 42.70): BM004277.D (-946) (-)

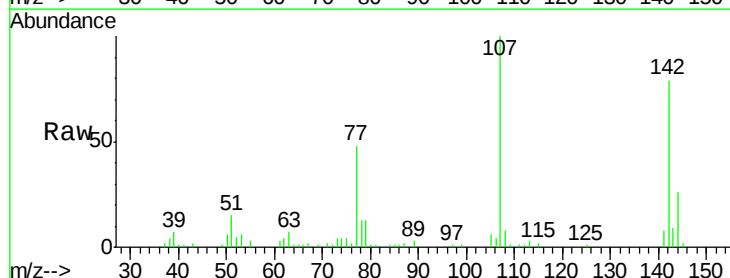
Ion 101.00 (100.70 to 101.70): BM004277.D (-946) (-)

Ion 130.00 (129.70 to 130.70): BM004277.D (-946) (-)



#33
4-Chloro-3-methylphenol
Concen: 26.99 ng/ul
RT: 11.76 min Scan# 1542
Delta R.T. 0.02 min
Lab File: BM004277.D
Acq: 16 Feb 2016 03:46

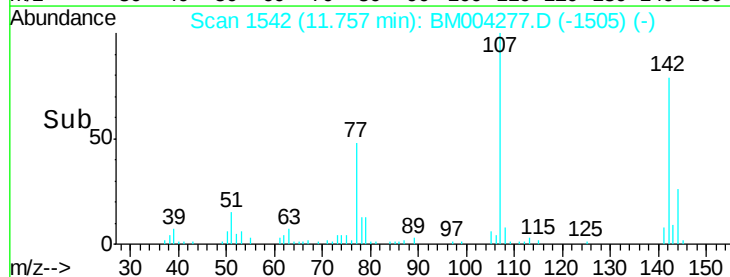
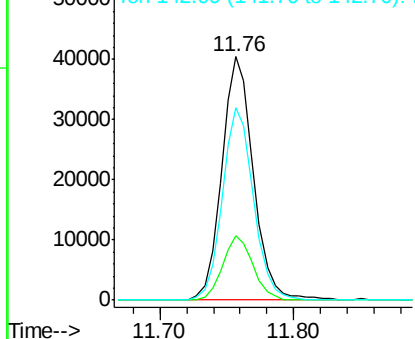
Tgt Ion:	107	Resp:	66876
Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.4	30.6
142	78.9	62.5	93.7

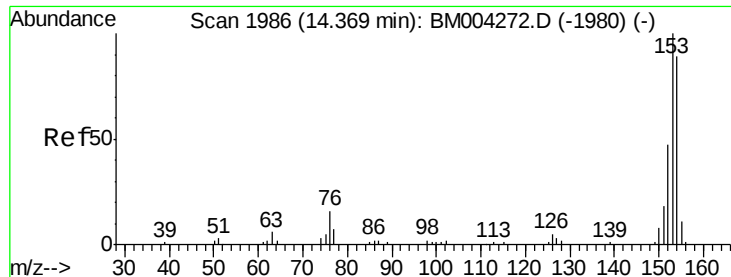


Abundance Ion 107.00 (106.70 to 107.70): BM004277.D (-1505) (-)

Ion 144.00 (143.70 to 144.70): BM004277.D (-1505) (-)

Ion 142.00 (141.70 to 142.70): BM004277.D (-1505) (-)





#50

Acenaphthene

Concen: 32.72 ng/ul

RT: 14.37 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM004277.D

Acq: 16 Feb 2016 03:46

Instrument :

BNA_M

ClientSampleId :

D9QF3MSD

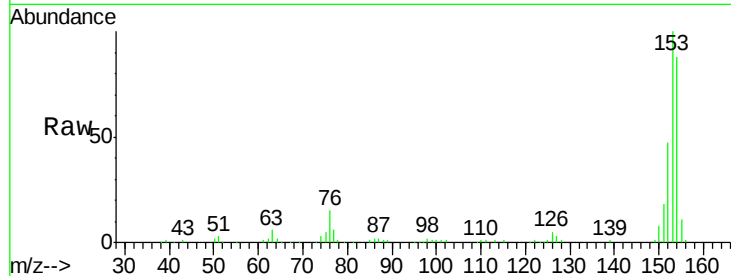
Tot Ion:153 Resp: 178524

Ion Ratio Lower Upper

153 100

152 47.0 38.3 57.5

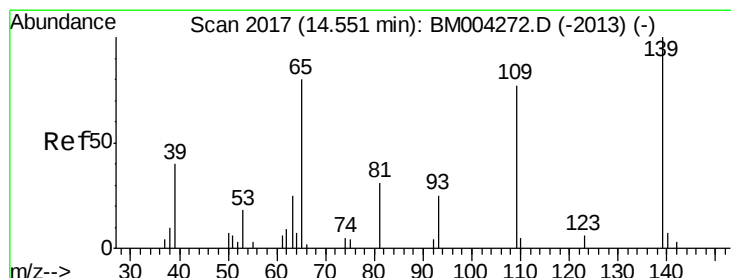
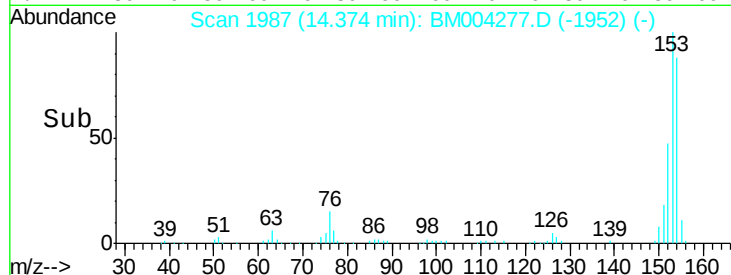
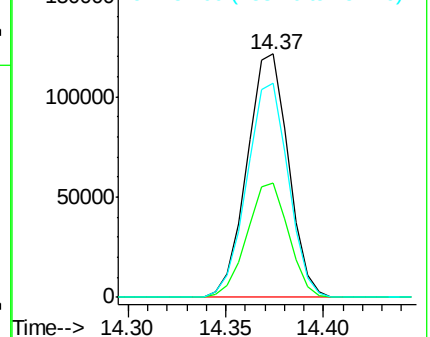
154 87.9 71.8 107.8



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: 7.66 ng/ul

RT: 14.59 min Scan# 2023

Delta R.T. 0.03 min

Lab File: BM004277.D

Acq: 16 Feb 2016 03:46

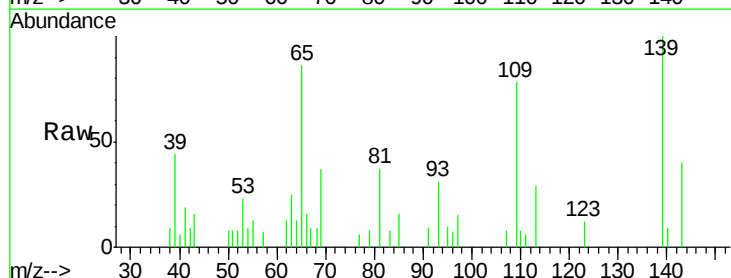
Tgt Ion:109 Resp: 6015

Ion Ratio Lower Upper

109 100

139 127.9 103.7 155.5

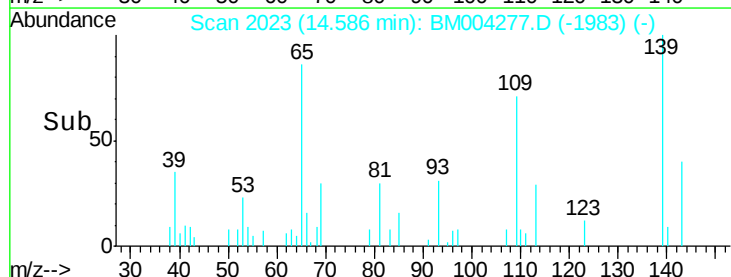
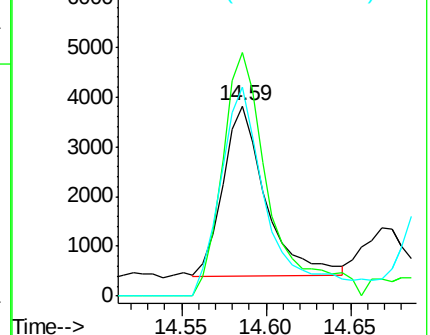
65 109.7 89.4 134.2

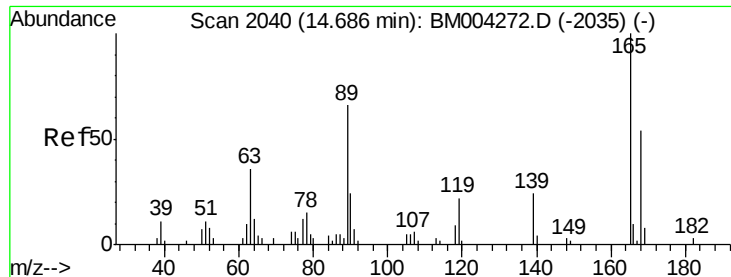


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

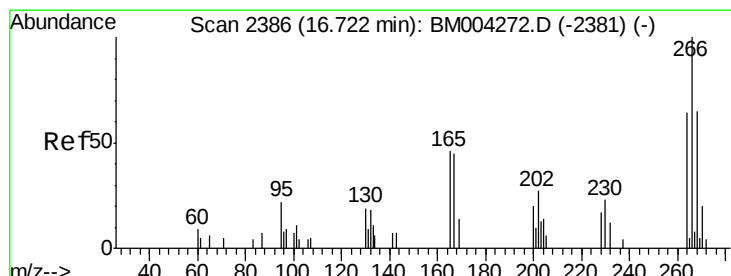
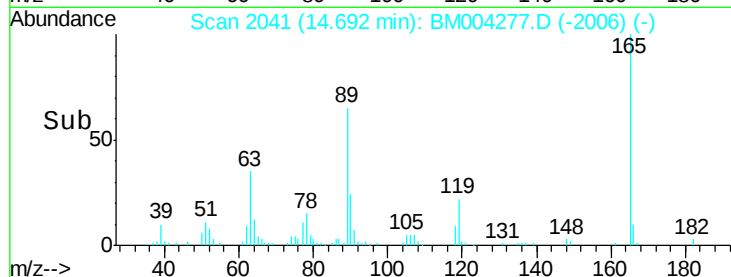
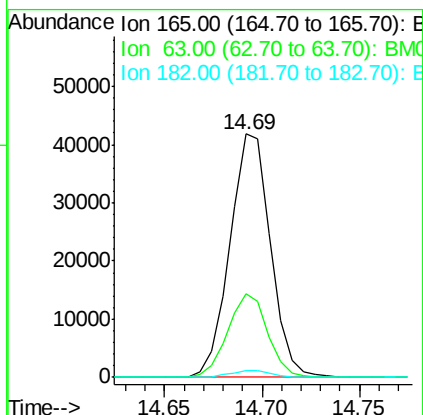
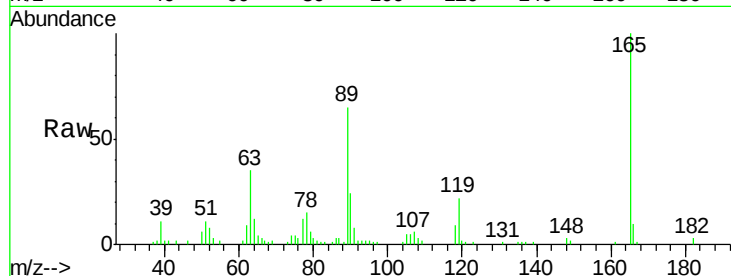




#55
 2,4-Dinitrotoluene
 Concen: 33.44 ng/ul
 RT: 14.69 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BM004277.D
 Acq: 16 Feb 2016 03:46

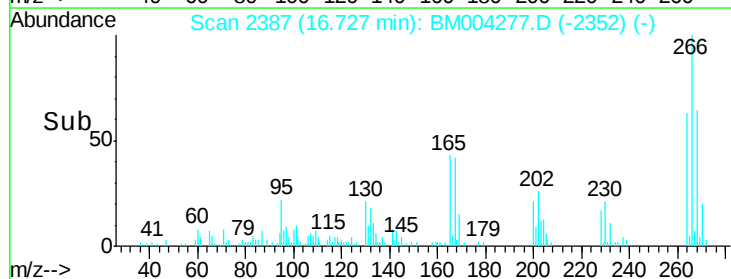
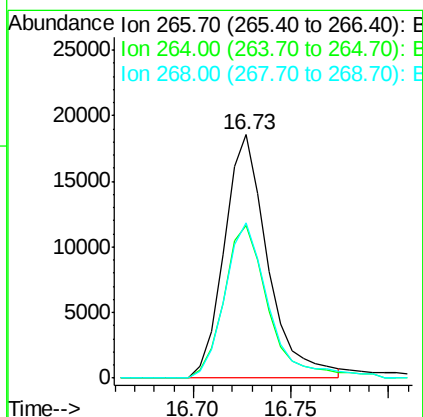
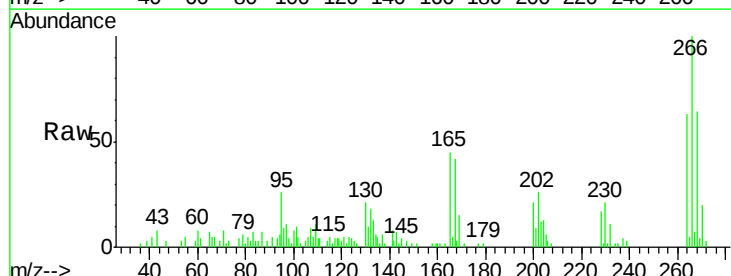
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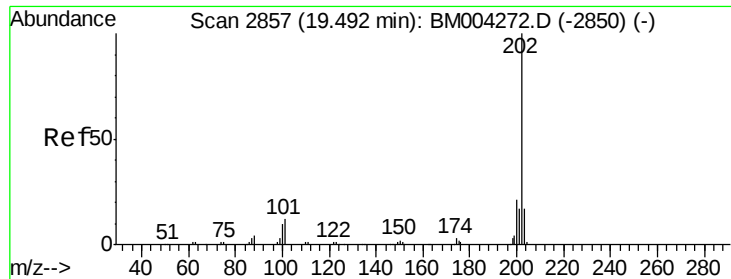
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.6	29.8	44.6
182	2.9	2.2	3.4



#69
 Pentachlorophenol
 Concen: 31.77 ng/ul
 RT: 16.73 min Scan# 2387
 Delta R.T. 0.01 min
 Lab File: BM004277.D
 Acq: 16 Feb 2016 03:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.5	75.7
268	63.7	50.9	76.3

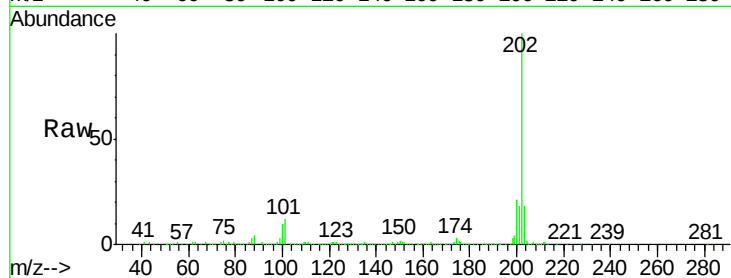




#80
 Pvrene
 Concen: 30.71 ng/ul
 RT: 19.50 min Scan# 2858
 Delta R.T. 0.01 min
 Lab File: BM004277.D
 Acq: 16 Feb 2016 03:46

Instrument :
 BNA_M
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.2	15.2
100	10.2	8.5	12.7



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

