Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\

Quantitation Report (Not Reviewed)

Data File : BM010344.D
Acq On : 31 May 2017 22:32
Operator : SJ/MA
Sample : I3164-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSL4

Quant Time: Jun 01 01:29:45 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 01 01:28:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	398029	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1455881	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	874676	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1976445	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	2582658	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	2655530	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	26551	2.74	ng/uL	0.00
5) Phenol-d5	7.10	99	544882	18.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	342195	20.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	499486	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	456649	18.76	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	236528	22.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	255326	20.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	517061	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	3394	0.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1671367	23.00	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1919435	22.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	74990	6.90	ng/ul	0.00
57) Fluorene-d10	15.54	176	1412434	22.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	217051	15.50	ng/ul	0.00
70) Anthracene-d10	17.40	188	2135723	22.21	ng/ul	0.00
76) Pyrene-d10	19.69	212	2669535	25.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	2839247	22.96	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.13	94	529960	17.14	ng/ul	98
10) 2-Chlorophenol	7.49	128	391446	16.22	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.73	70	321919	16.22	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.02	107	412019	17.22	ng/ul#	95
44) Dimethylphthalate	14.02	163	314042	4.39	ng/ul	98
49) Acenaphthene	14.62	153	1096244	18.87	ng/ul	99
52) 4-Nitrophenol	14.81	109	73469	4.93	ng/ul	97
54) 2,4-Dinitrotoluene	14.93	165	350612	18.23	ng/ul	95
68) Pentachlorophenol	16.94	266	242153	14.94	ng/ul	96
77) Pyrene	19.72	202	2635496	19.80	ng/ul	99

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

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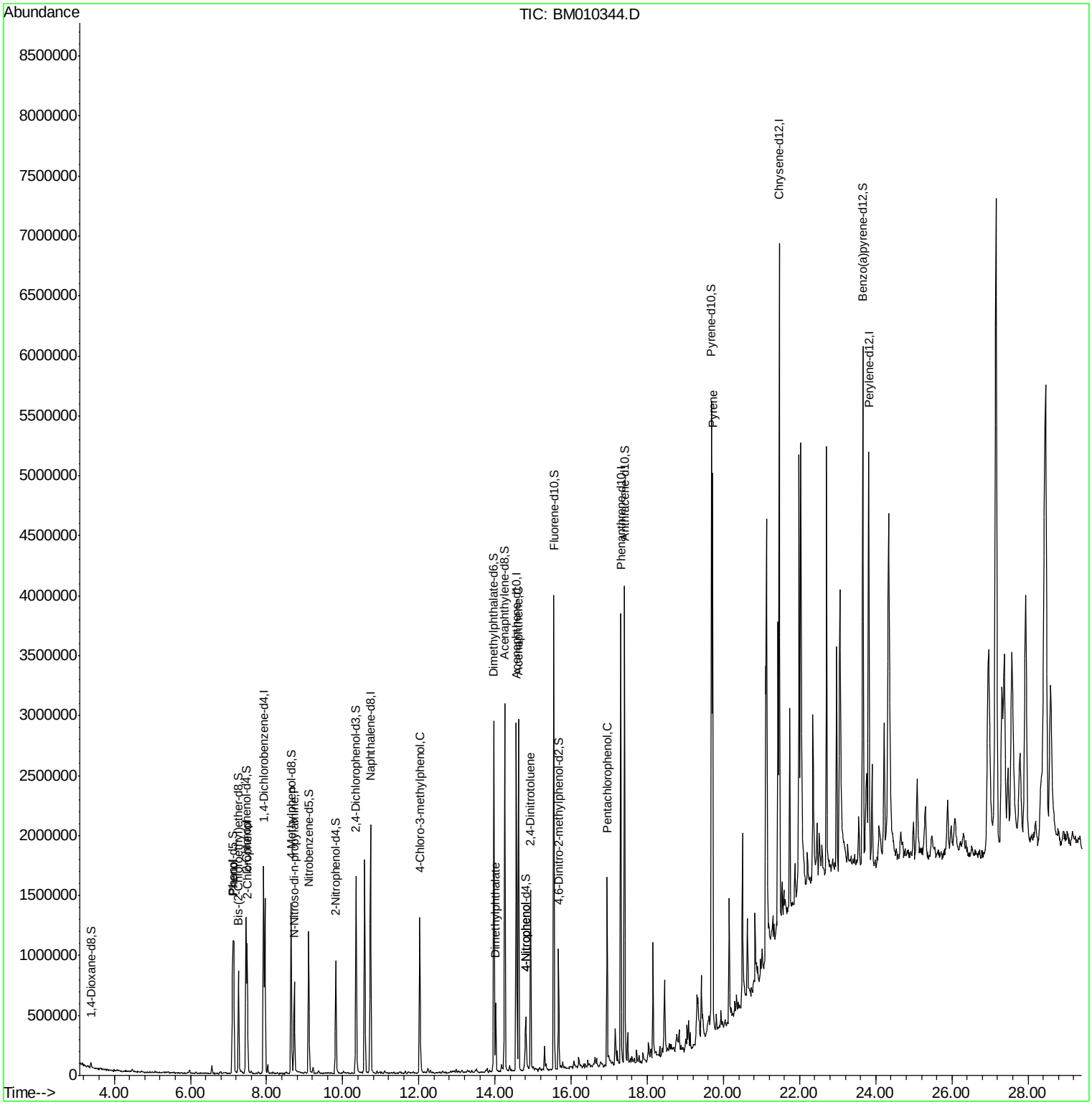
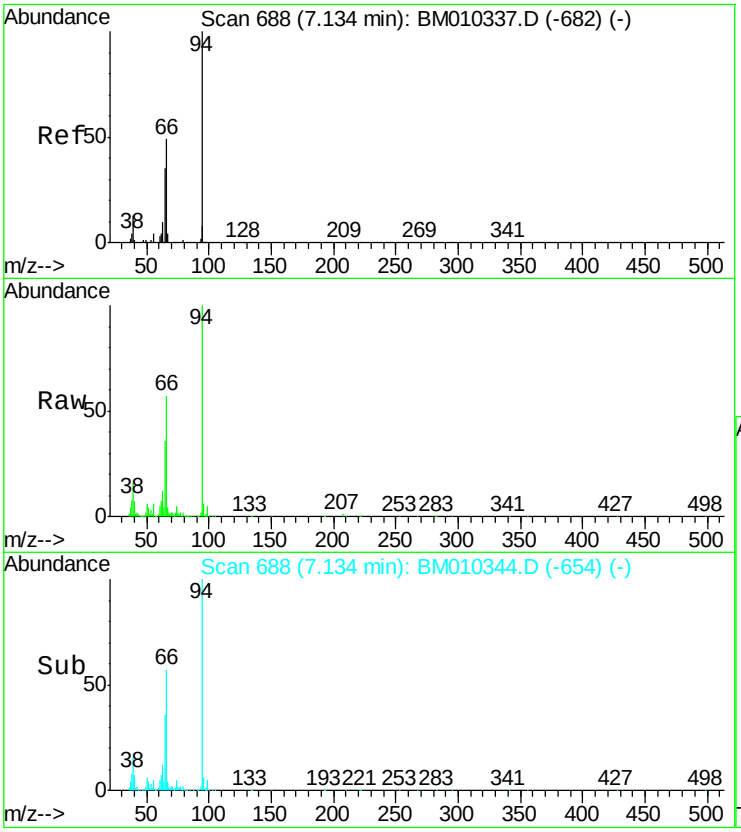
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 01 01:28:02 2017
Response via : Initial Calibration



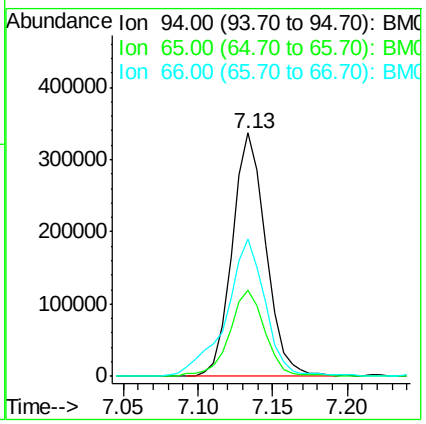


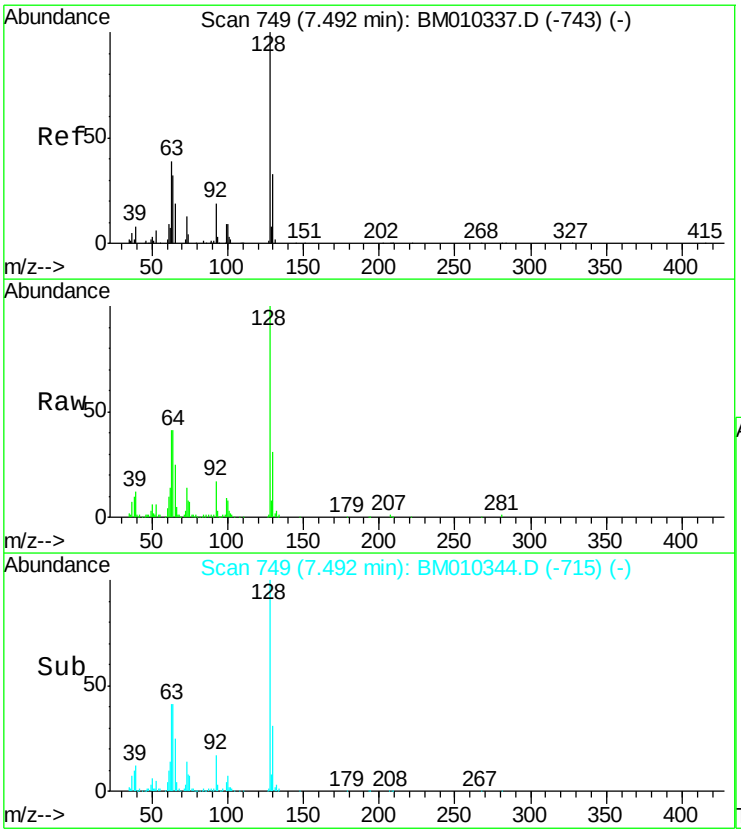
#6
Phenol
Concen: 17.14 ng/ul
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Instrument :
BNA_M
ClientSampleId :
JHSL4

Tgt Ion: 94 Resp: 529960

Ion	Ratio	Lower	Upper
94	100		
65	35.6	28.2	42.4
66	56.6	47.2	70.8

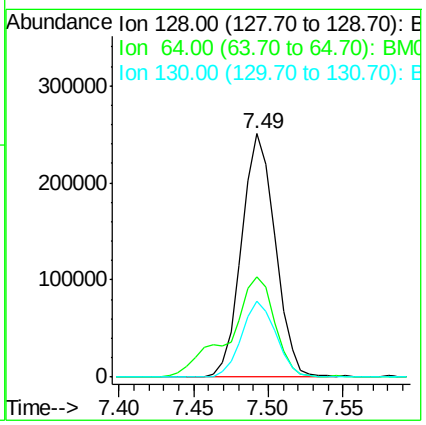


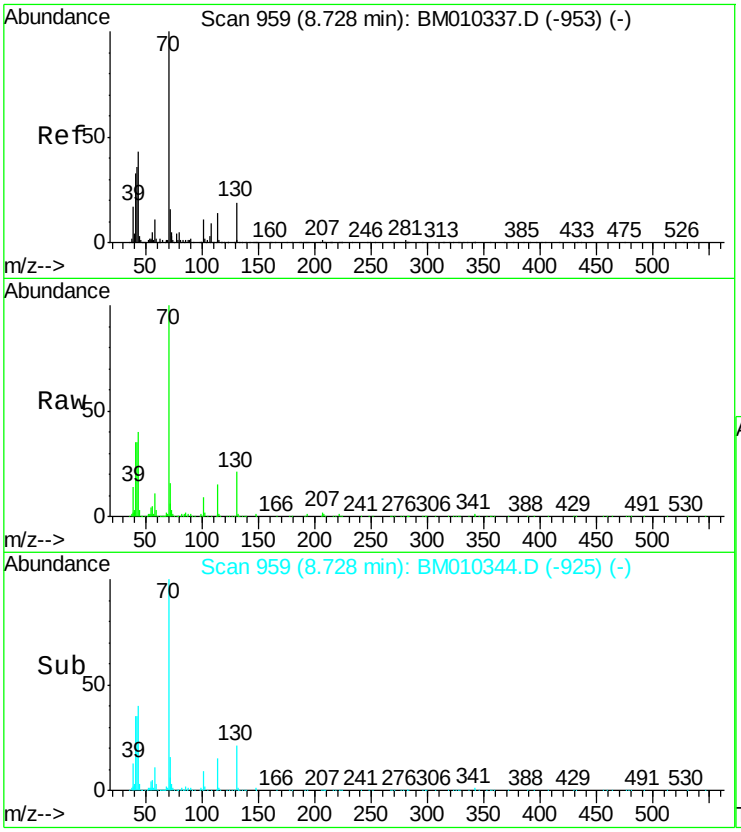


#10
2-Chlorophenol
Concen: 16.22 ng/ul
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Tgt Ion:128 Resp: 391446

Ion	Ratio	Lower	Upper
128	100		
64	41.0	38.0	57.0
130	31.0	24.4	36.6



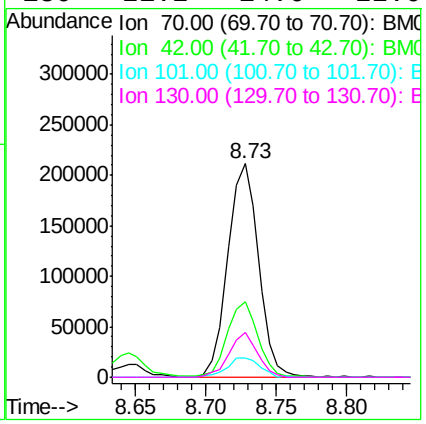


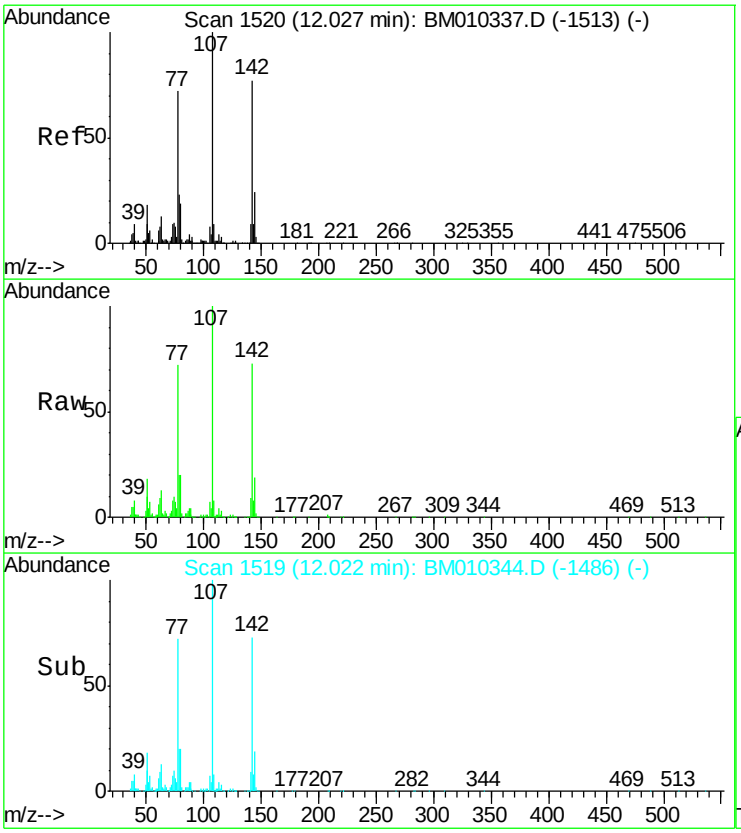
#15
N-Nitroso-di-n-propylamine
Concen: 16.22 ng/ul
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Instrument :
BNA_M
ClientSampleId :
JHSL4

Tgt Ion: 70 Resp: 321919

Ion	Ratio	Lower	Upper
70	100		
42	35.2	41.1	61.7#
101	9.3	6.7	10.1
130	21.2	14.6	22.0

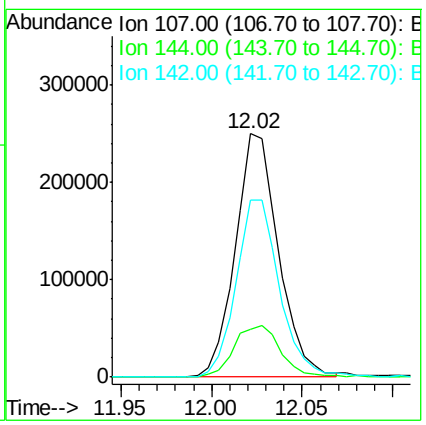


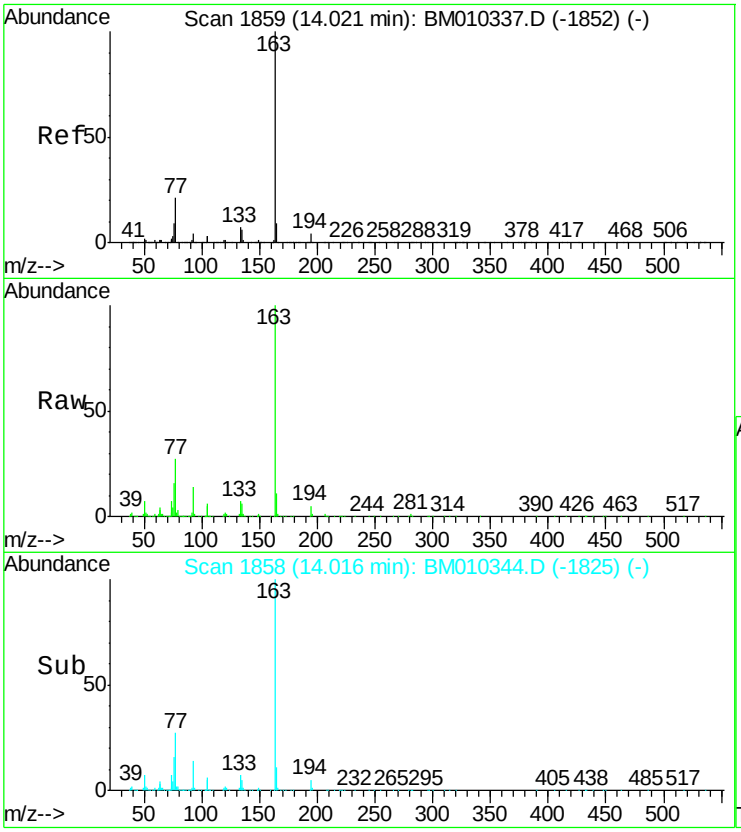


#33
4-Chloro-3-methylphenol
Concen: 17.22 ng/ul
RT: 12.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Tgt Ion:107 Resp: 412019

Ion	Ratio	Lower	Upper
107	100		
144	19.5	20.4	30.6#
142	72.8	60.5	90.7



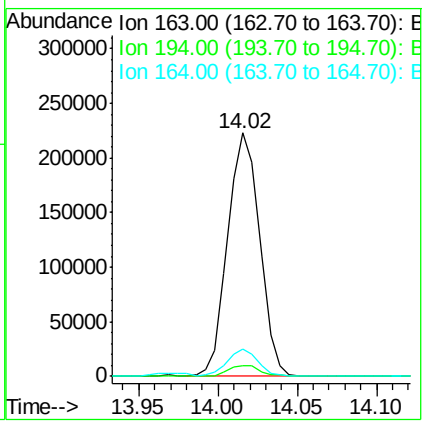


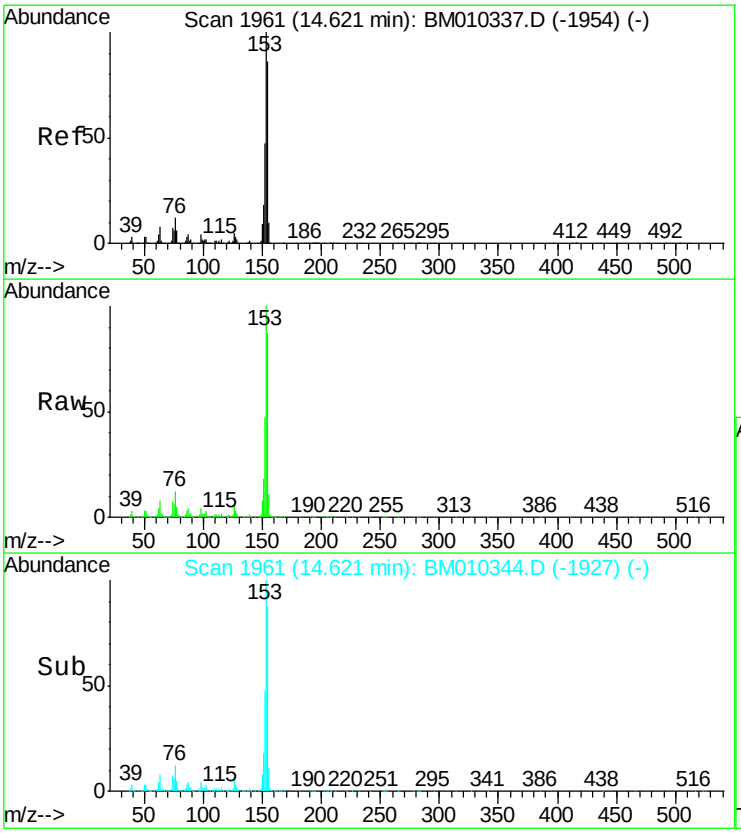
#44
Dimethylphthalate
Concen: 4.39 ng/ul
RT: 14.02 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Instrument :
BNA_M
ClientSampleId :
JHSL4

Tgt Ion:163 Resp: 314042

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	11.3	8.2	12.4

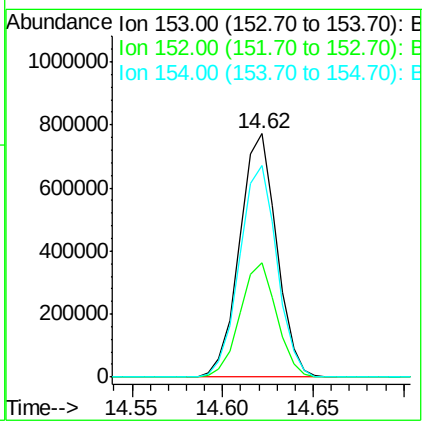


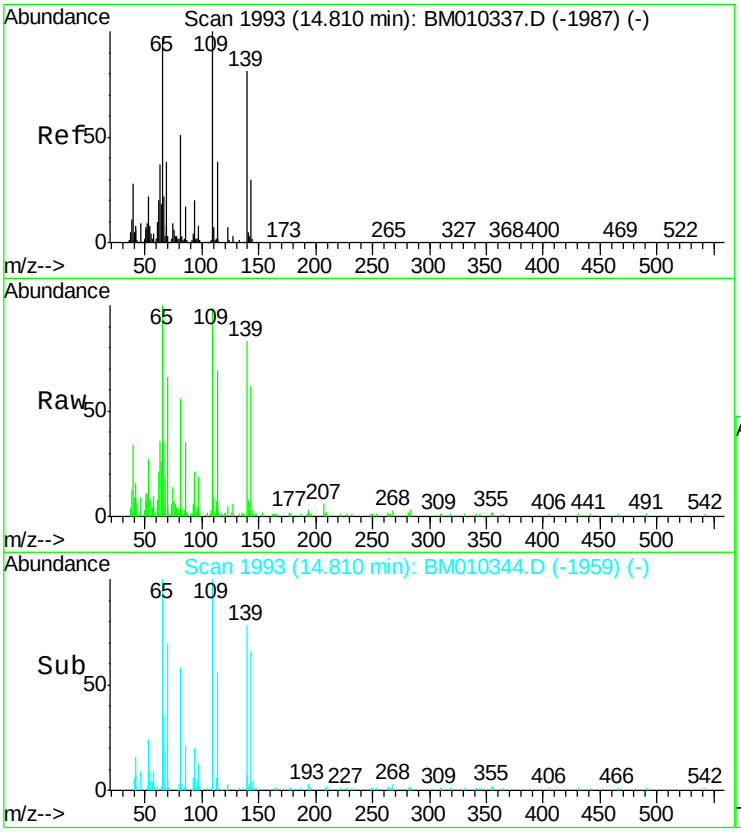


#49
Acenaphthene
Concen: 18.87 ng/ul
RT: 14.62 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Tgt Ion:153 Resp: 1096244

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.6	56.4
154	87.0	70.4	105.6



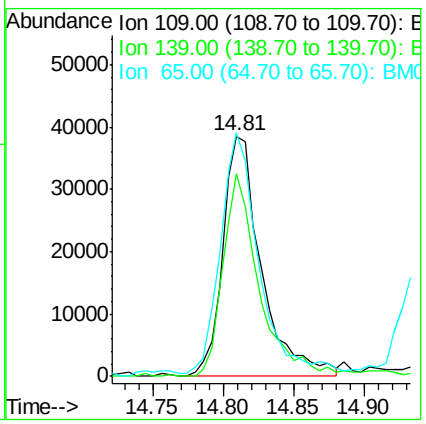


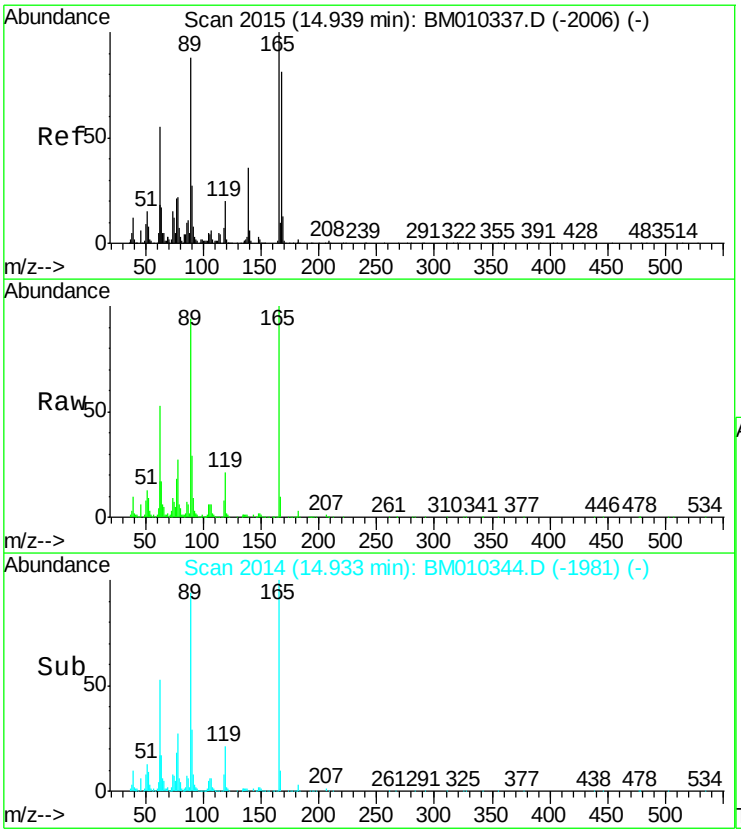
#52
4-Nitrophenol
Concen: 4.93 ng/ul
RT: 14.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Instrument :
BNA_M
ClientSampleId :
JHSL4

Tgt Ion:109 Resp: 73469

Ion	Ratio	Lower	Upper
109	100		
139	84.5	66.6	100.0
65	101.5	78.3	117.5

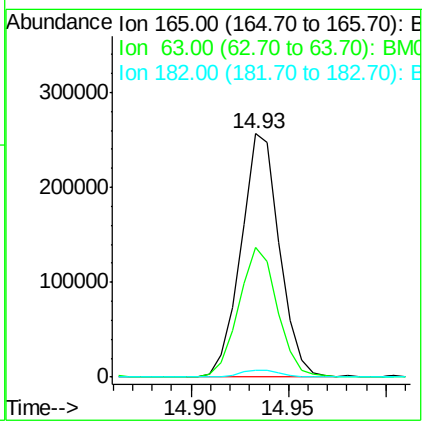


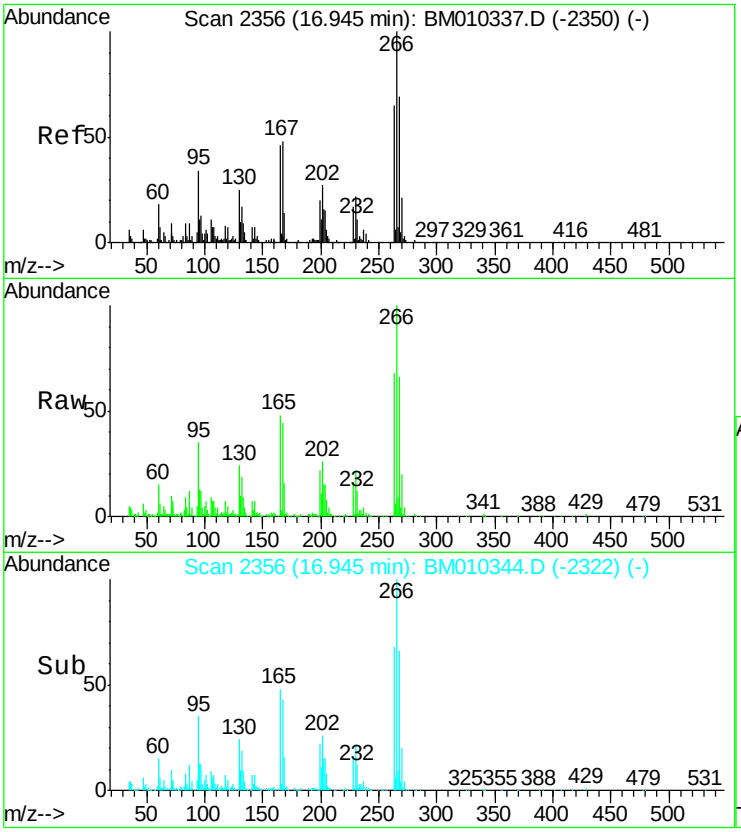


#54
2,4-Dinitrotoluene
Concen: 18.23 ng/ul
RT: 14.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Tgt Ion:165 Resp: 350612

Ion	Ratio	Lower	Upper
165	100		
63	53.1	45.8	68.8
182	2.7	2.6	4.0



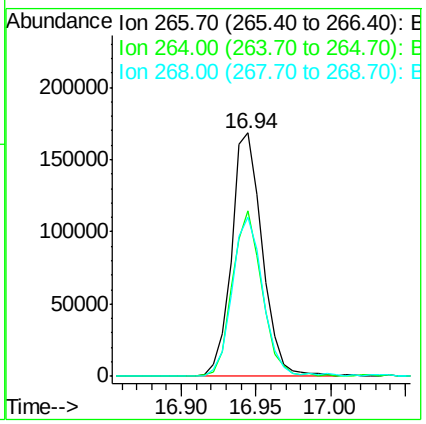


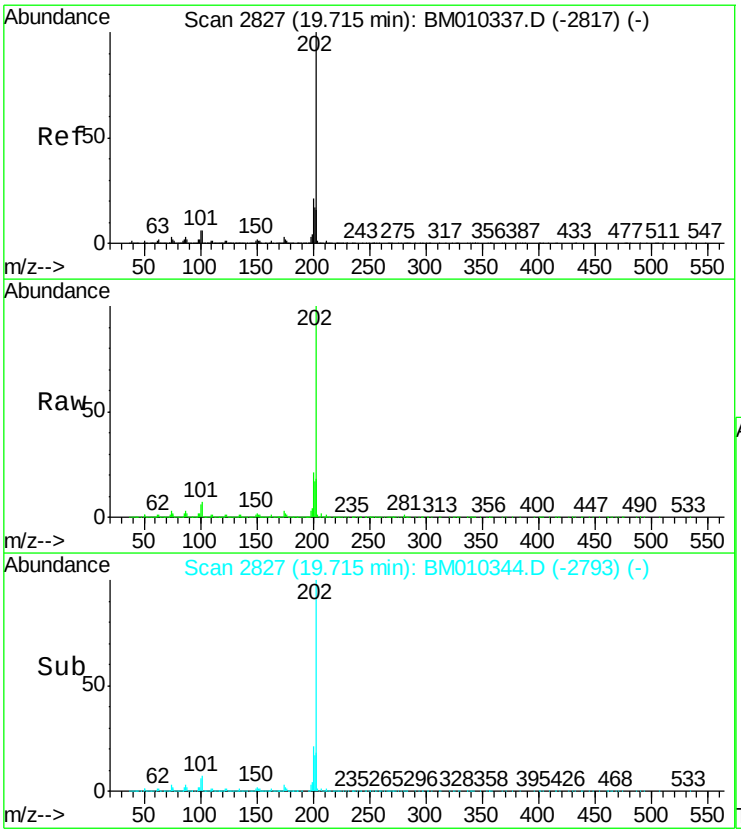
#68
Pentachlorophenol
Concen: 14.94 ng/ul
RT: 16.94 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Instrument :
BNA_M
ClientSampleId :
JHSL4

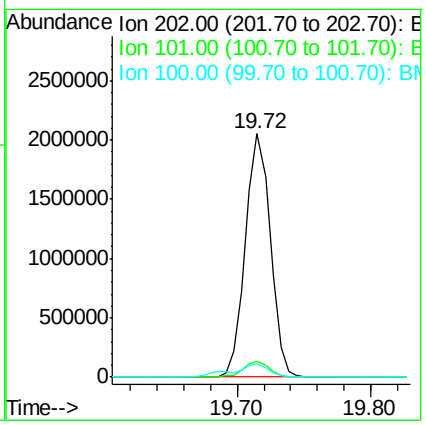
Tgt Ion:266 Resp: 242153

Ion	Ratio	Lower	Upper
266	100		
264	68.1	49.3	73.9
268	65.6	52.6	78.8





#77
Pyrene
Concen: 19.80 ng/ul
RT: 19.72 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BM010344.D
Acq: 31 May 2017 22:32

Tgt Ion:202 Resp: 2635496

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.1	7.7
100	5.6	4.9	7.3