Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010702.D
Acq On : 23 Jun 2017 22:26
Operator : SJ/JU
Sample : I3857-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H2TR7MS

Quant Time: Jun 24 05:25:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 04:37:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	71546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	337415	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	238101	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	576529	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	604244	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	445289	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4521	3.62	ng/uL	0.00
5) Phenol-d5	6.65	99	114466	16.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	63194	16.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	87033	18.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	101585	17.98	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	46517	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	55370	19.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	112839	19.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	112399	18.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	412358	19.73	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	461591	18.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	59929	16.29	ng/ul	0.00
57) Fluorene-d10	15.11	176	341508	18.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	68658	19.39	ng/ul	0.00
70) Anthracene-d10	16.96	188	556075	19.97	ng/ul	0.00
76) Pyrene-d10	19.27	212	631513	22.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	428066	19.89	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.68	94	124100	17.68	ng/ul	96
10) 2-Chlorophenol	7.03	128	83876	17.55	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.26	70	91286	18.36	ng/ul#	89
33) 4-Chloro-3-methylphenol	11.52	107	137535	18.97	ng/ul	96
44) Dimethylphthalate	13.58	163	170039	8.30	ng/ul	98
49) Acenaphthene	14.17	153	294923	18.88	ng/ul	99
52) 4-Nitrophenol	14.34	109	93752	20.09	ng/ul	81
54) 2,4-Dinitrotoluene	14.49	165	108766	19.76	ng/ul	96
68) Pentachlorophenol	16.52	266	94335	19.25	ng/ul	93
77) Pyrene	19.30	202	768939	22.03	ng/ul	98

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

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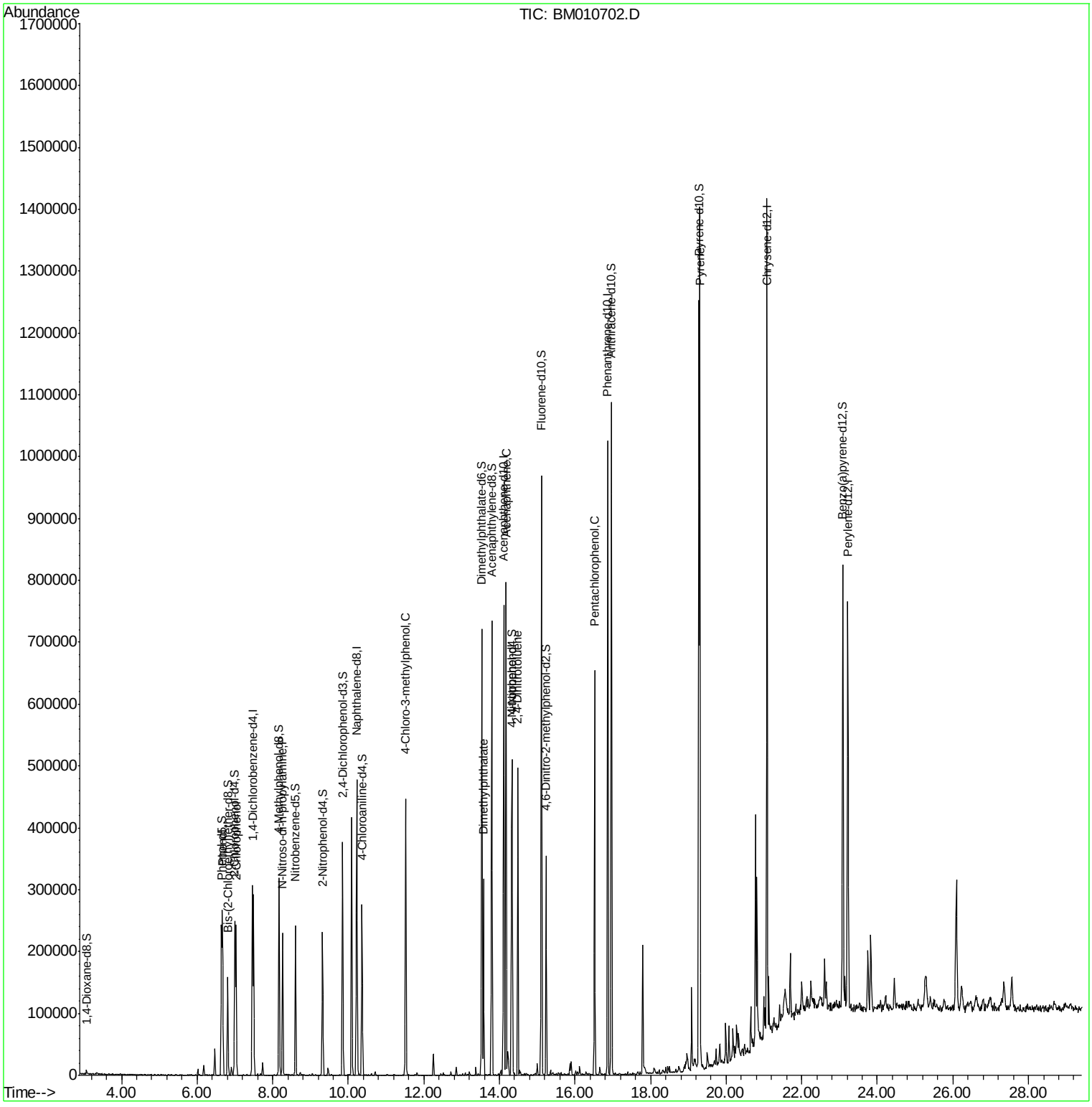
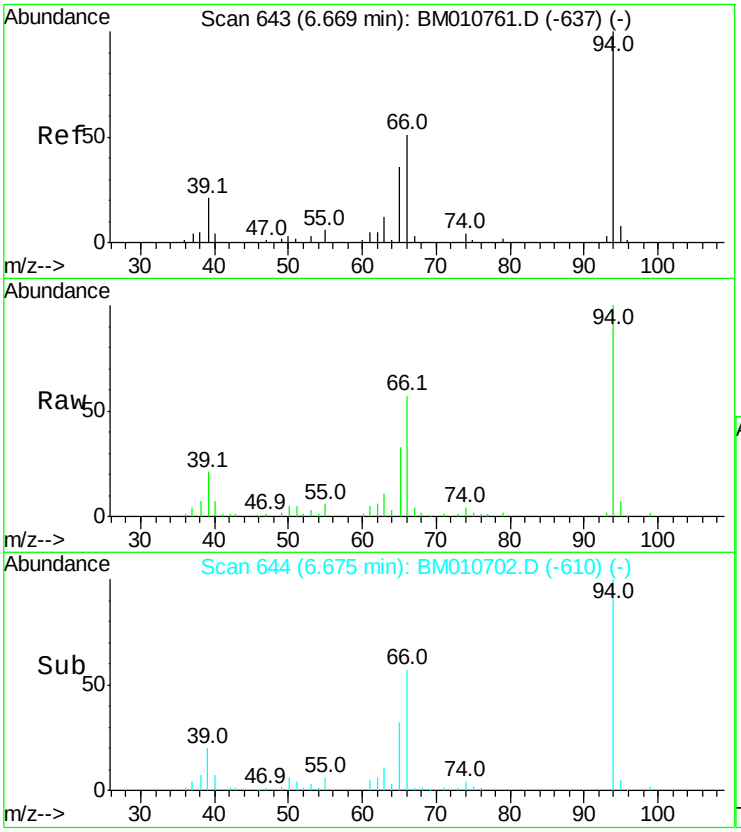


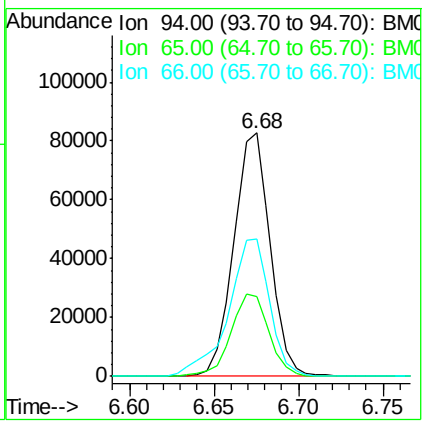


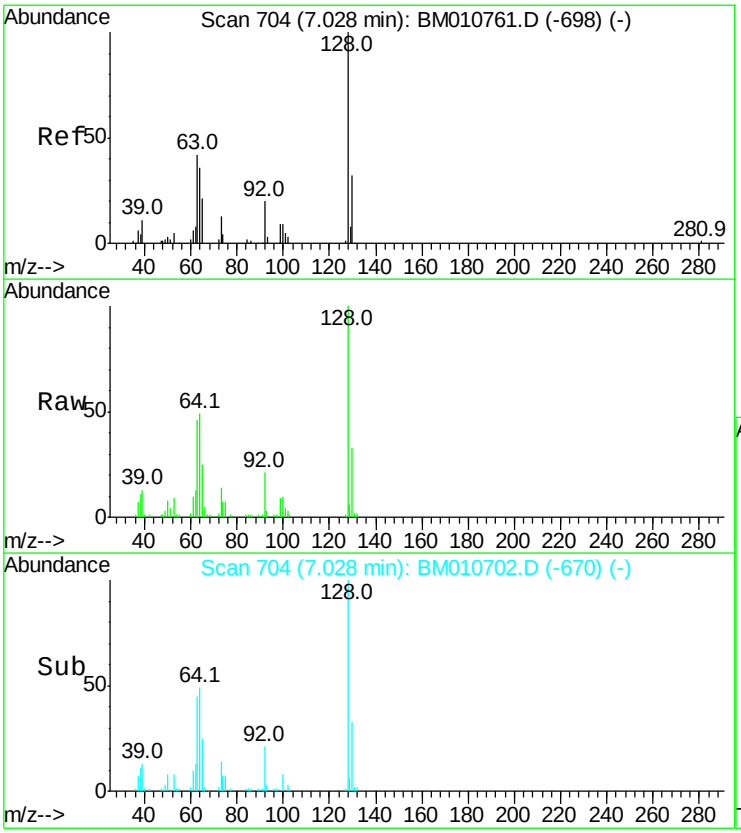
#6
Phenol
Concen: 17.68 ng/ul
RT: 6.68 min Scan# 644
Delta R.T. 0.00 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Instrument :
BNA_M
ClientSampleId :
H2TR7MS

Tgt Ion: 94 Resp: 124100

Ion	Ratio	Lower	Upper
94	100		
65	32.8	28.2	42.4
66	56.5	47.2	70.8

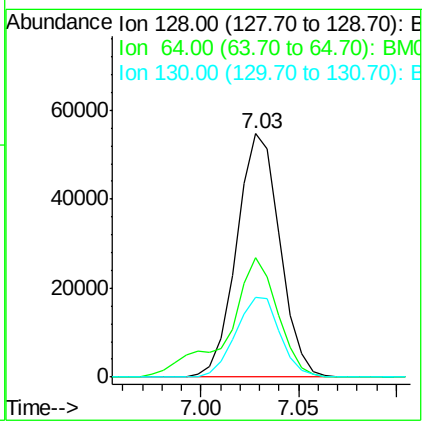


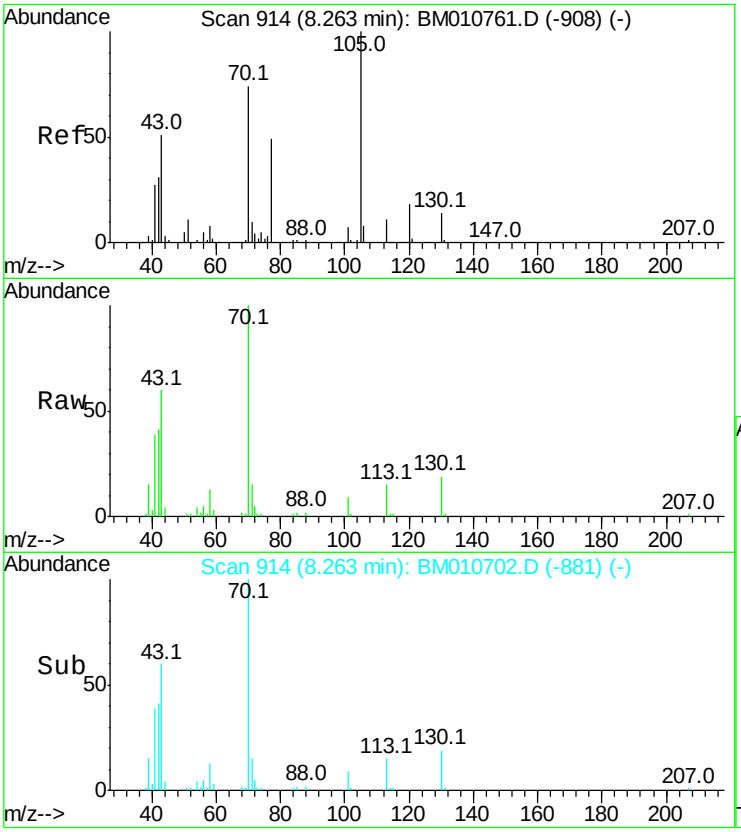


#10
2-Chlorophenol
Concen: 17.55 ng/ul
RT: 7.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Tgt Ion:128 Resp: 83876

Ion	Ratio	Lower	Upper
128	100		
64	49.3	38.0	57.0
130	32.7	24.4	36.6



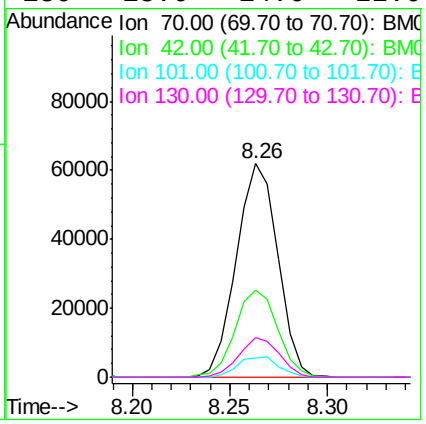


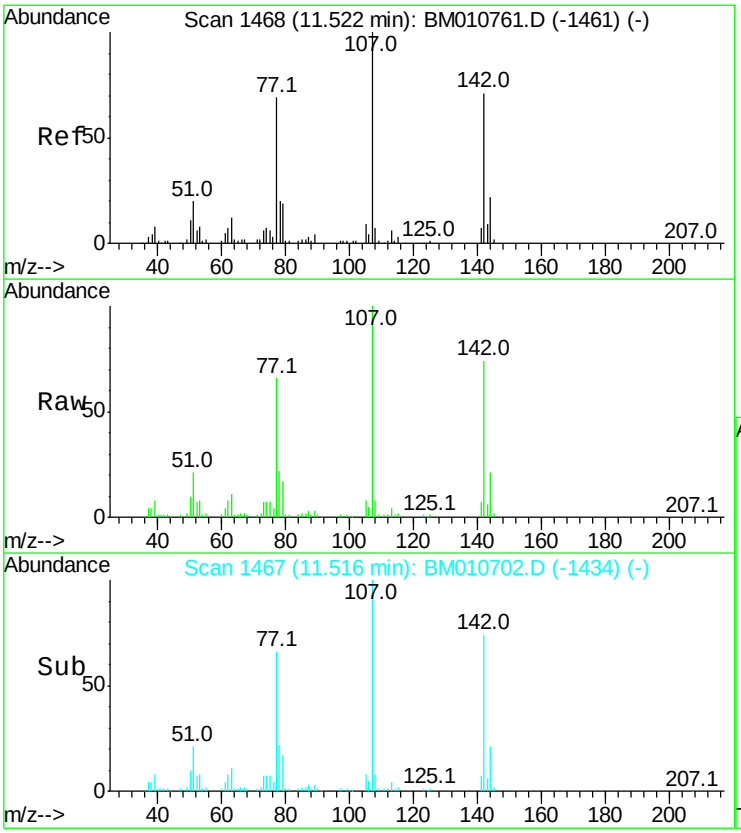
#15
N-Nitroso-di-n-propylamine
Concen: 18.36 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Instrument :
BNA_M
ClientSampleId :
H2TR7MS

Tgt Ion: 70 Resp: 91286

Ion	Ratio	Lower	Upper
70	100		
42	40.6	41.1	61.7#
101	9.2	6.7	10.1
130	18.6	14.6	22.0

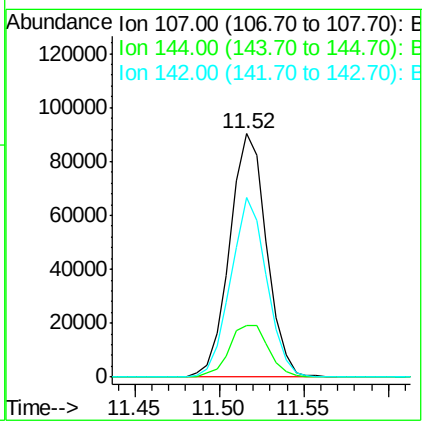


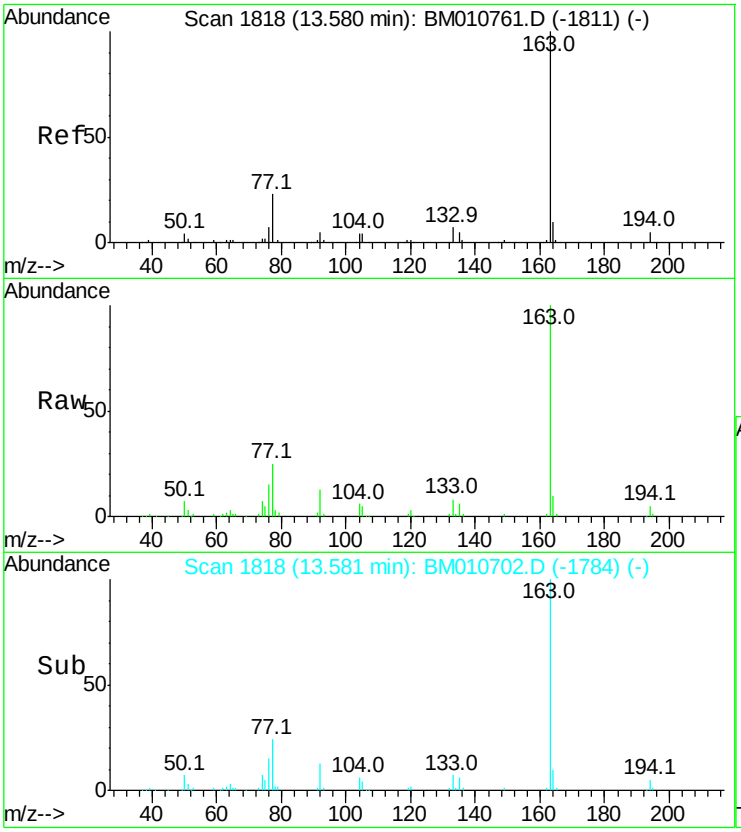


#33
4-Chloro-3-methylphenol
Concen: 18.97 ng/ul
RT: 11.52 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Tgt Ion:107 Resp: 137535

Ion	Ratio	Lower	Upper
107	100		
144	21.2	20.4	30.6
142	73.7	60.5	90.7



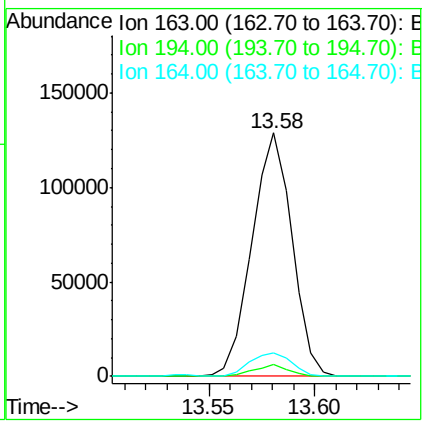


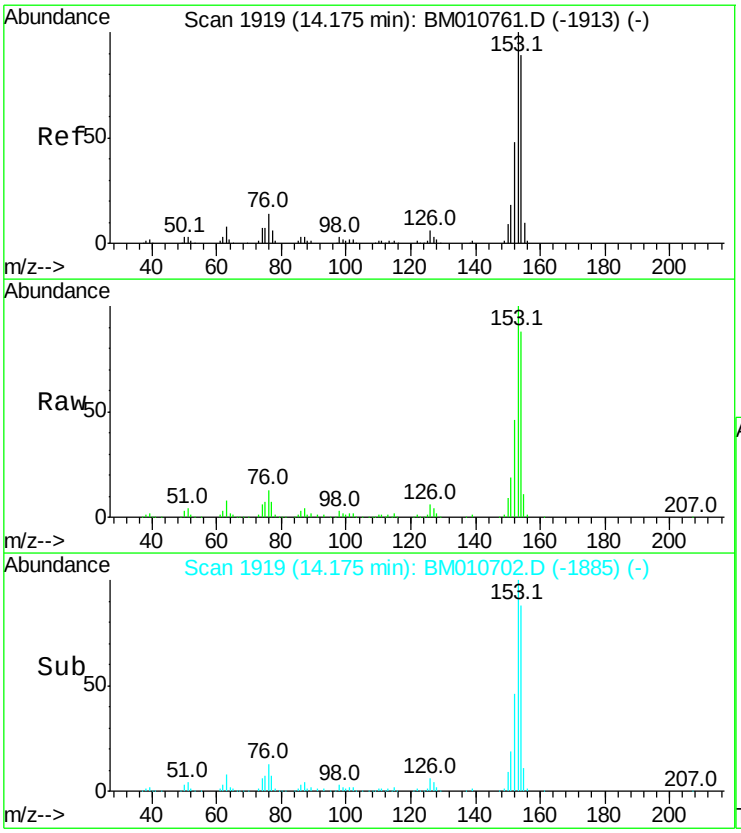
#44
Dimethylphthalate
Concen: 8.30 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Instrument :
BNA_M
ClientSampleId :
H2TR7MS

Tgt Ion:163 Resp: 170039

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	9.8	8.2	12.4

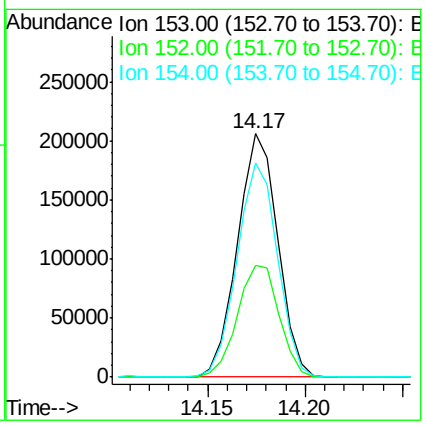


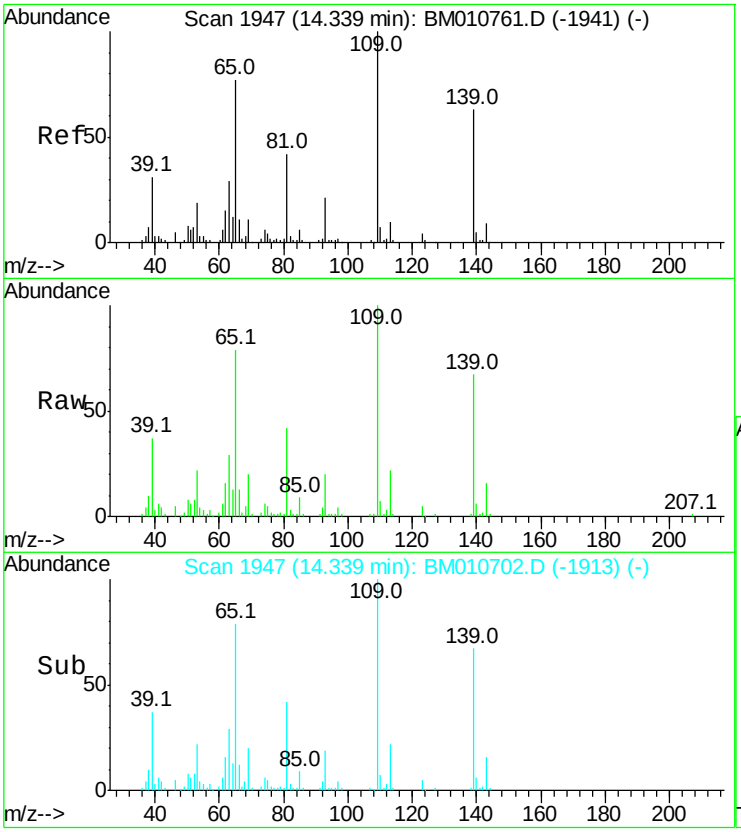


#49
Acenaphthene
Concen: 18.88 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Tgt Ion:153 Resp: 294923

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.6	56.4
154	87.9	70.4	105.6



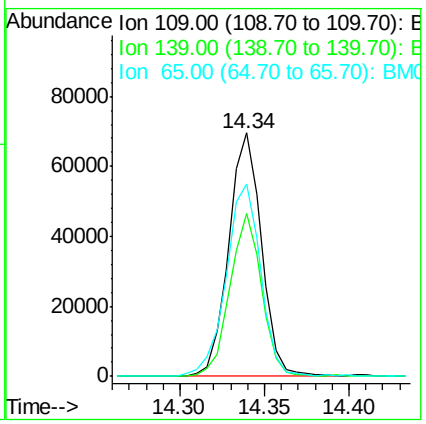


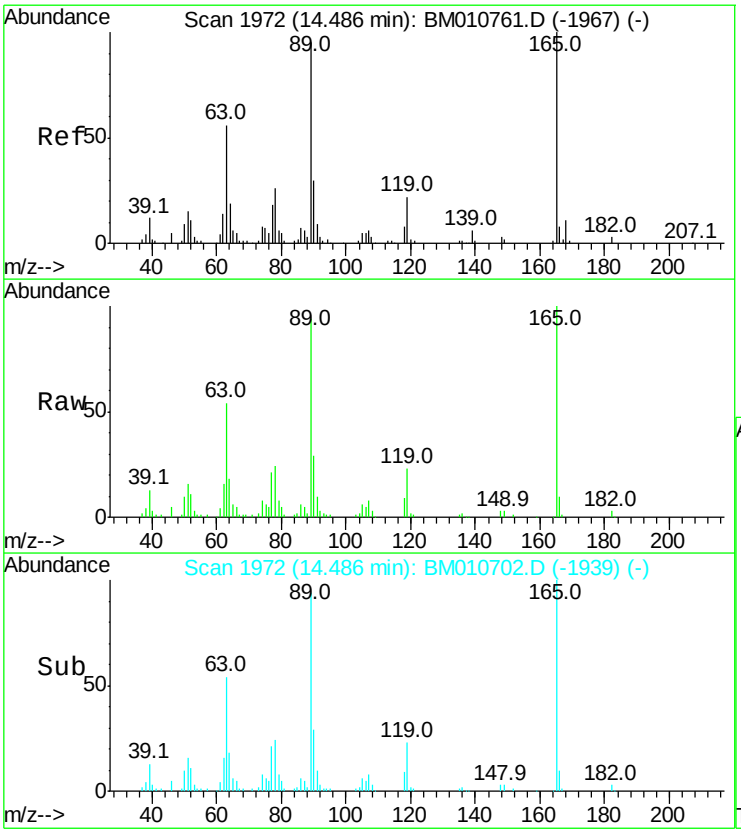
#52
4-Nitrophenol
Concen: 20.09 ng/ul
RT: 14.34 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Instrument :
BNA_M
ClientSampleId :
H2TR7MS

Tgt Ion:109 Resp: 93752

Ion	Ratio	Lower	Upper
109	100		
139	67.2	66.6	100.0
65	78.8	78.3	117.5

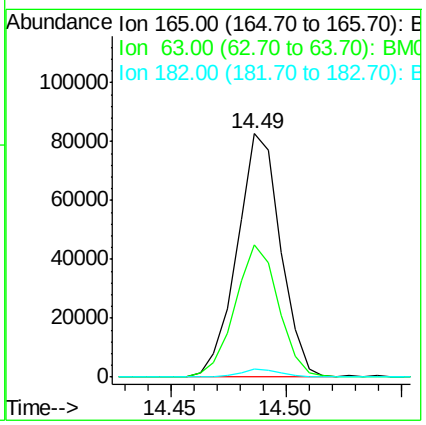


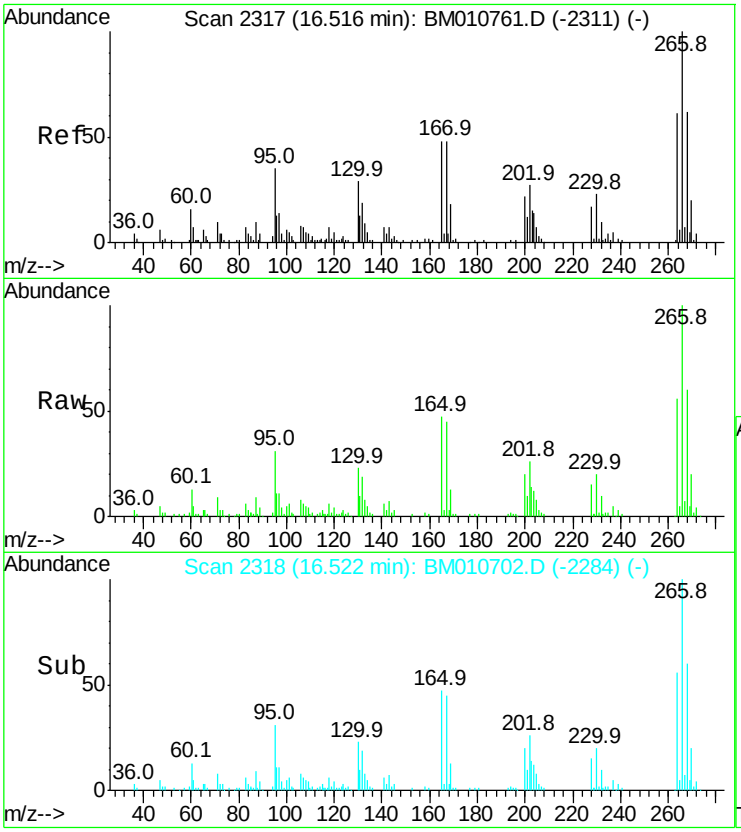


#54
2,4-Dinitrotoluene
Concen: 19.76 ng/ul
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Tgt Ion:165 Resp: 108766

Ion	Ratio	Lower	Upper
165	100		
63	54.2	45.8	68.8
182	3.4	2.6	4.0



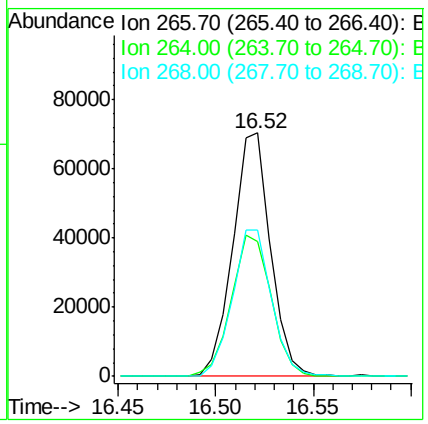


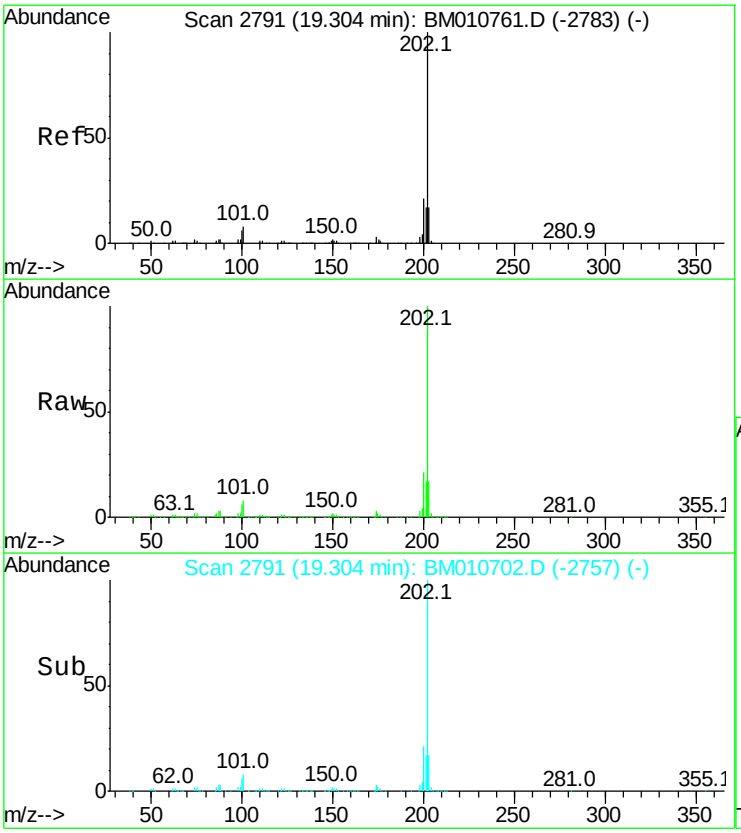
#68
Pentachlorophenol
Concen: 19.25 ng/ul
RT: 16.52 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Instrument :
BNA_M
ClientSampleId :
H2TR7MS

Tgt Ion:266 Resp: 94335

Ion	Ratio	Lower	Upper
266	100		
264	55.6	49.3	73.9
268	60.3	52.6	78.8





#77
Pyrene
Concen: 22.03 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010702.D
Acq: 23 Jun 2017 22:26

Tgt Ion:202 Resp: 768939

Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.1	7.7
100	5.9	4.9	7.3