Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004822.D
Acq On : 29 Mar 2016 15:47
Operator : UM/SJ
Sample : H1939-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SG2MSD

Quant Time: Mar 30 02:32:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 02:30:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	52609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	256305	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	156830	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.21	188	374788	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	468190	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	443418	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	1229	0.81	ng/uL	0.00
5) Phenol-d5	6.99	99	27184	6.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	88819	36.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	91612	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	57019	16.36	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	60051	33.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	62440	32.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	107306	28.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1347	0.30	ng/ul	0.02
44) Dimethylphthalate-d6	13.87	166	423687	34.56	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	511085	34.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	9223	3.89	ng/ul	0.00
58) Fluorene-d10	15.46	176	374215	35.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	60407	30.67	ng/ul	0.00
71) Anthracene-d10	17.30	188	602099	34.89	ng/ul	0.00
79) Pyrene-d10	19.60	212	713175	33.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	782207	39.49	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	29178	6.41	ng/ul	97
10) 2-Chlorophenol	7.39	128	90599	24.66	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.63	70	98644	35.70	ng/ul	95
33) 4-Chloro-3-methylphenol	11.89	107	110675	25.14	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	2762	1.25	ng/ul#	44
50) Acenaphthene	14.53	153	341498	31.41	ng/ul	98
53) 4-Nitrophenol	14.66	109	8271	4.30	ng/ul	89
55) 2,4-Dinitrotoluene	14.83	165	111225	33.28	ng/ul	94
69) Pentachlorophenol	16.86	266	77016	28.03	ng/ul	100
80) Pyrene	19.63	202	878022	30.94	ng/ul	99

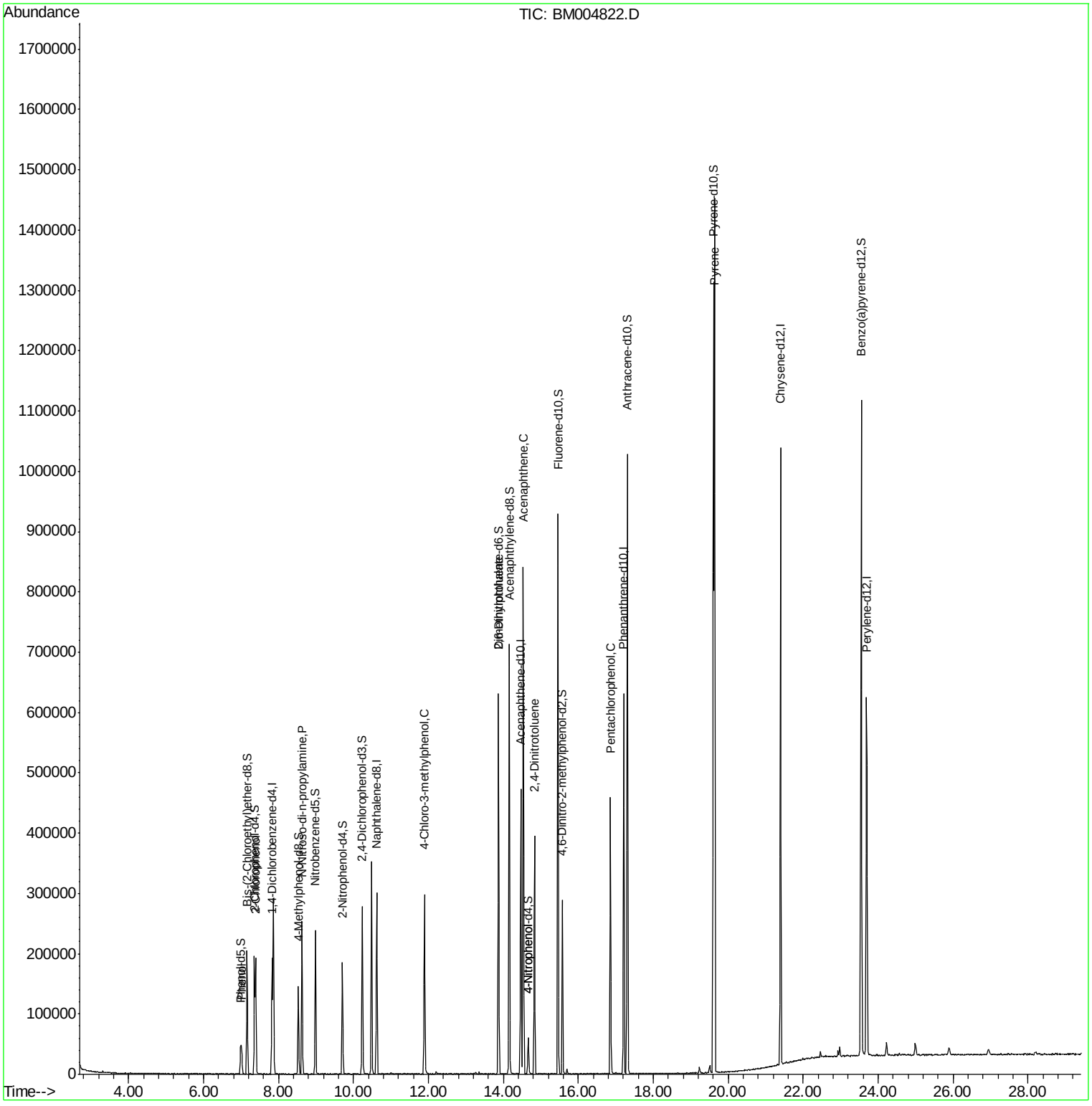
(#) = qualifier out of range (m) = manual integration (+) = signals summed

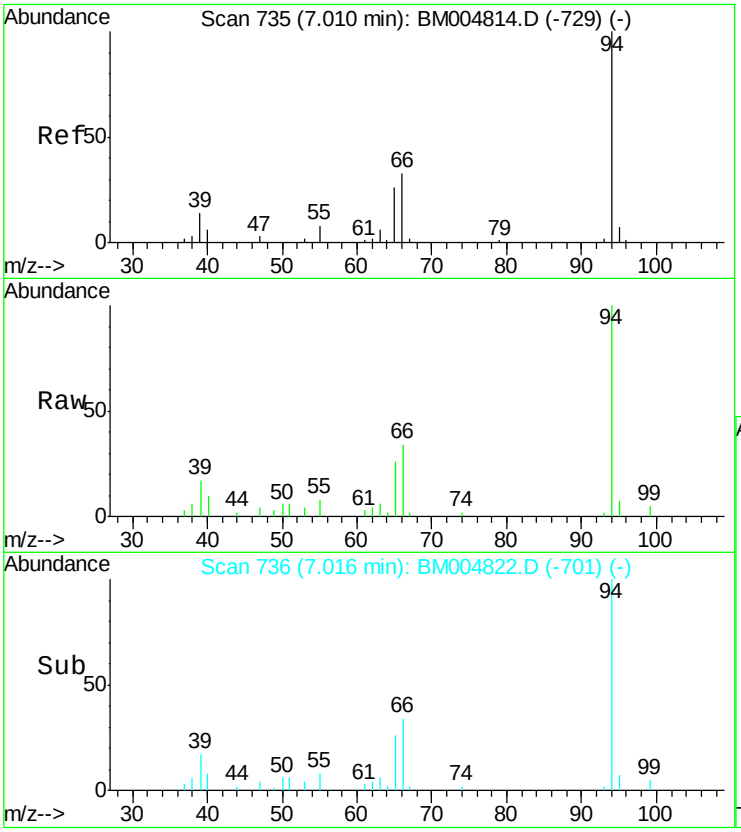
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004822.D
Acq On : 29 Mar 2016 15:47
Operator : UM/SJ
Sample : H1939-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SG2MSD

Quant Time: Mar 30 02:32:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 02:30:53 2016
Response via : Initial Calibration



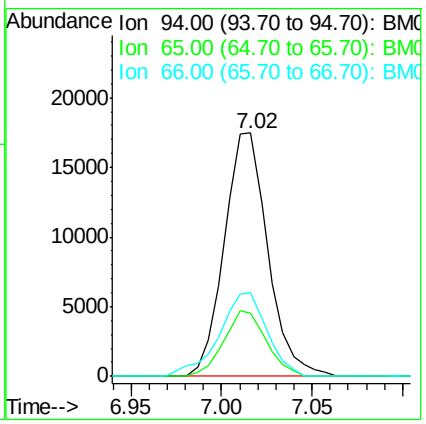


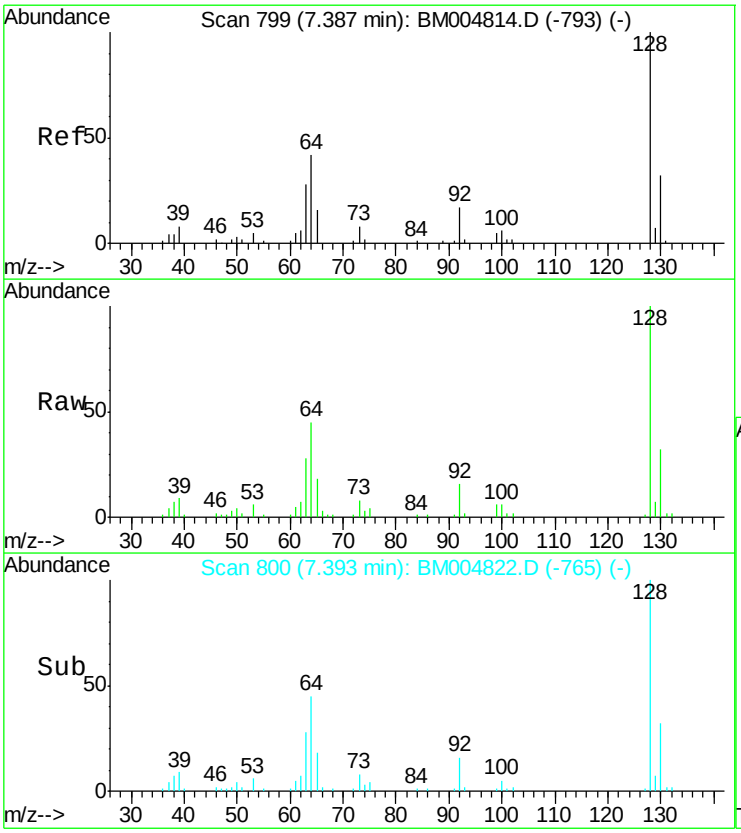
#6
Phenol
Concen: 6.41 ng/ul
RT: 7.02 min Scan# 736
Delta R.T. 0.01 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Instrument :
BNA_M
ClientSampleId :
D9SG2MSD

Tgt Ion: 94 Resp: 29178

Ion	Ratio	Lower	Upper
94	100		
65	26.1	21.0	31.6
66	34.1	29.3	43.9

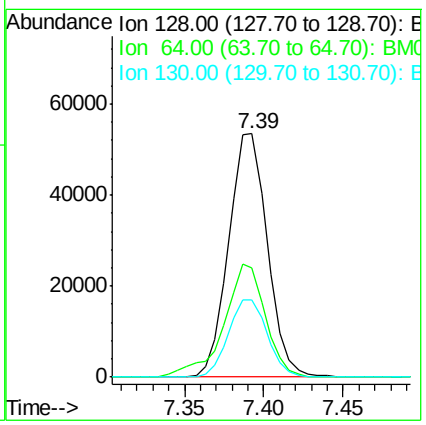


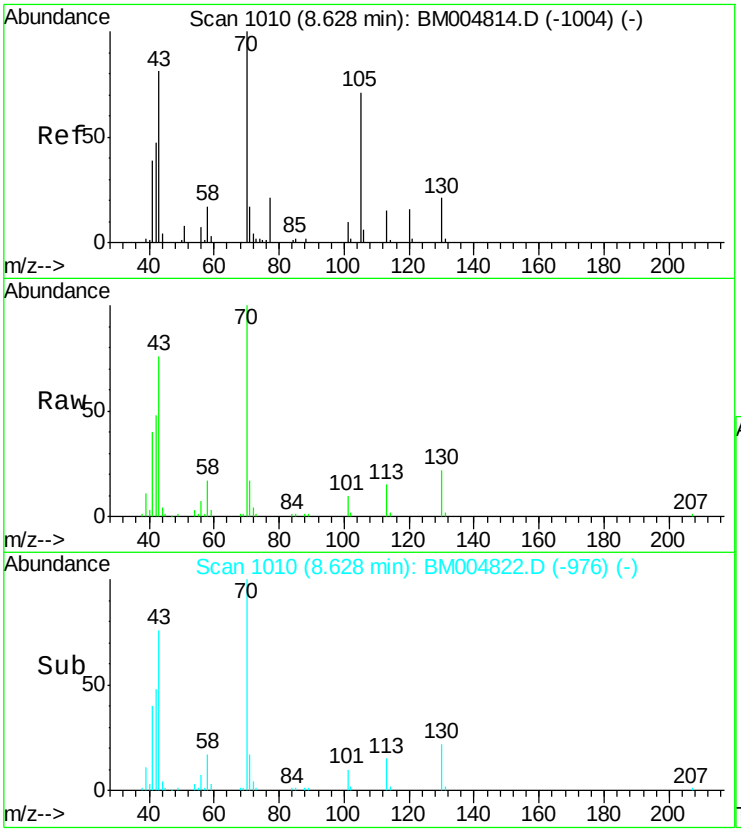


#10
2-Chlorophenol
Concen: 24.66 ng/ul
RT: 7.39 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Tgt Ion:128 Resp: 90599

Ion	Ratio	Lower	Upper
128	100		
64	45.0	31.9	47.9
130	32.0	25.6	38.4



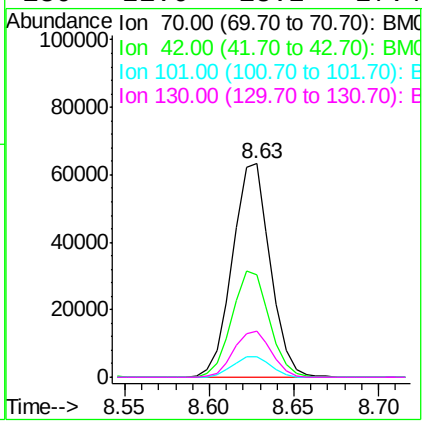


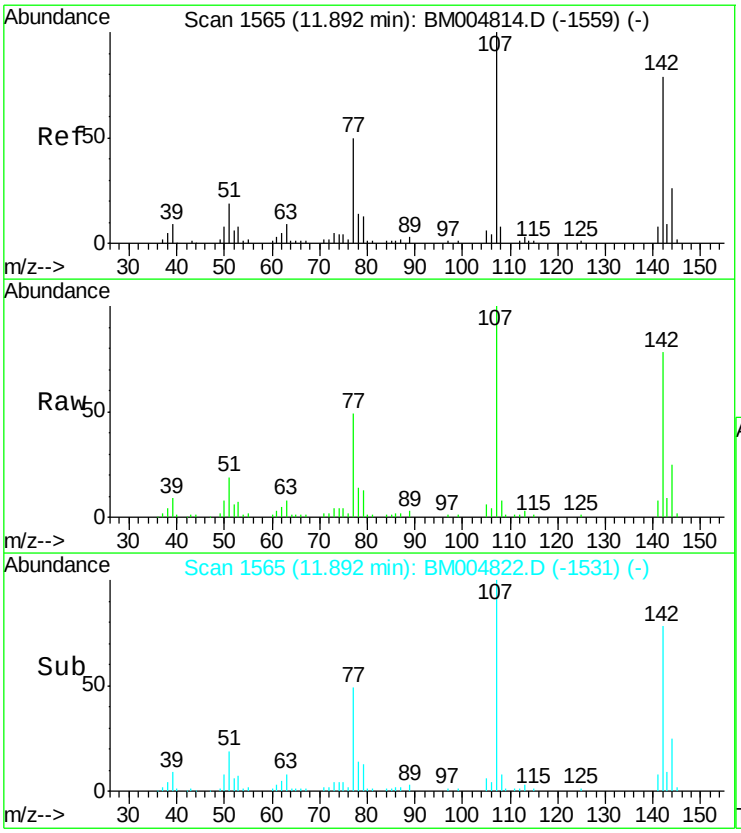
#15
N-Nitroso-di-n-propylamine
Concen: 35.70 ng/ul
RT: 8.63 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Instrument :
BNA_M
ClientSampleId :
D9SG2MSD

Tgt Ion: 70 Resp: 98644

Ion	Ratio	Lower	Upper
70	100		
42	48.2	35.4	53.0
101	9.6	8.4	12.6
130	21.6	18.2	27.4

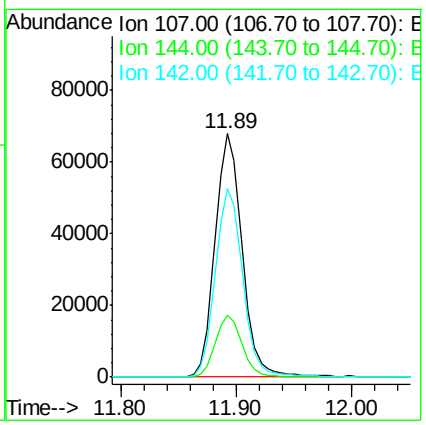


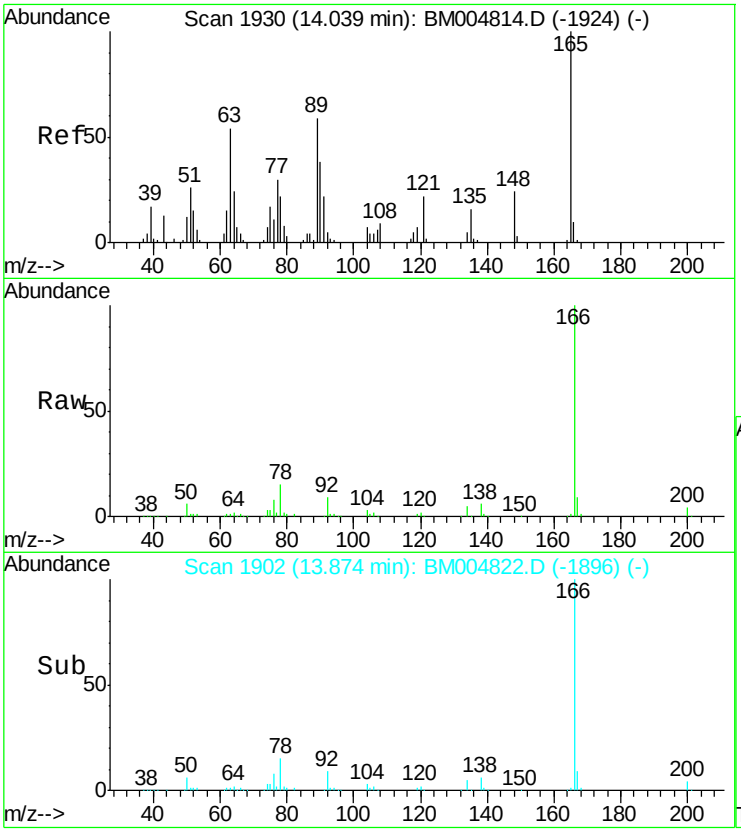


#33
4-Chloro-3-methylphenol
Concen: 25.14 ng/ul
RT: 11.89 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Tgt Ion:107 Resp: 110675

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.4	30.6
142	77.5	62.5	93.7



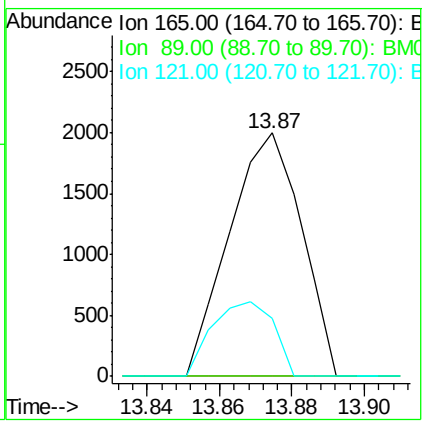


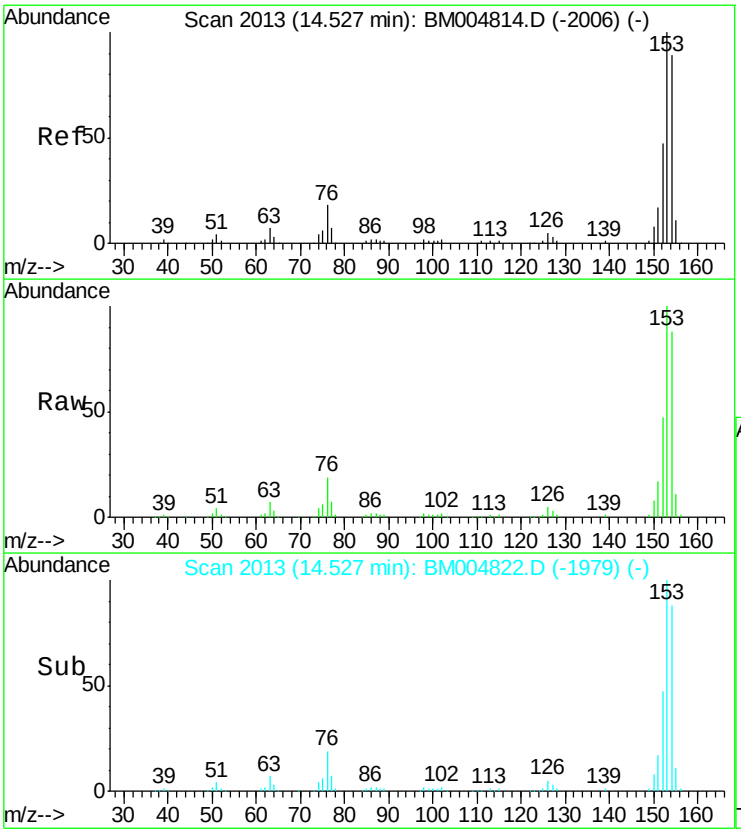
#46
2,6-Dinitrotoluene
Concen: 1.25 ng/ul
RT: 13.87 min Scan# 1902
Delta R.T. -0.16 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Instrument :
BNA_M
ClientSampleId :
D9SG2MSD

Tgt Ion:165 Resp: 2762

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.4	63.6#
121	23.7	16.6	24.8

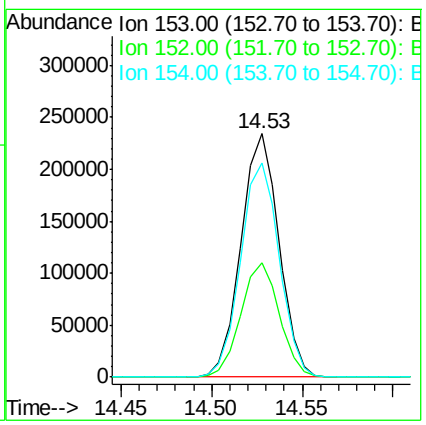


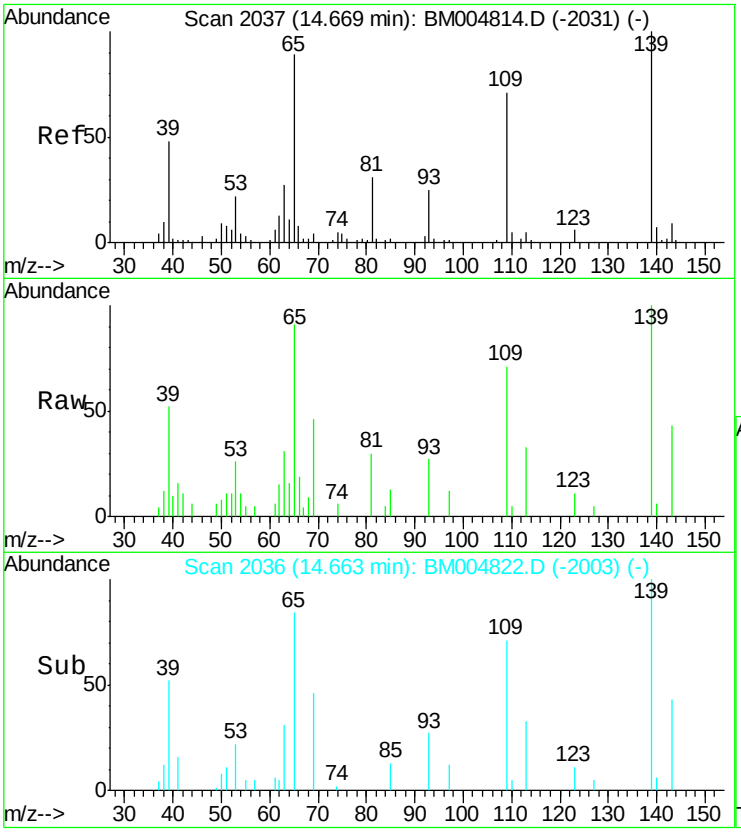


#50
Acenaphthene
Concen: 31.41 ng/ul
RT: 14.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Tgt Ion:153 Resp: 341498

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.3	57.5
154	88.0	71.8	107.8



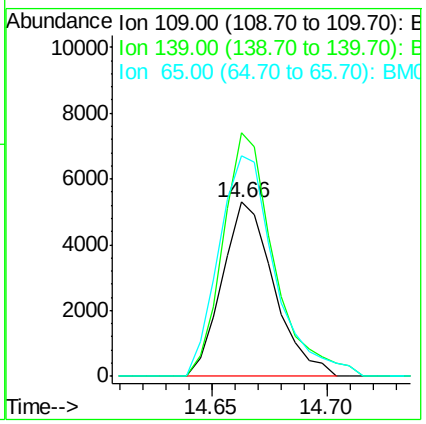


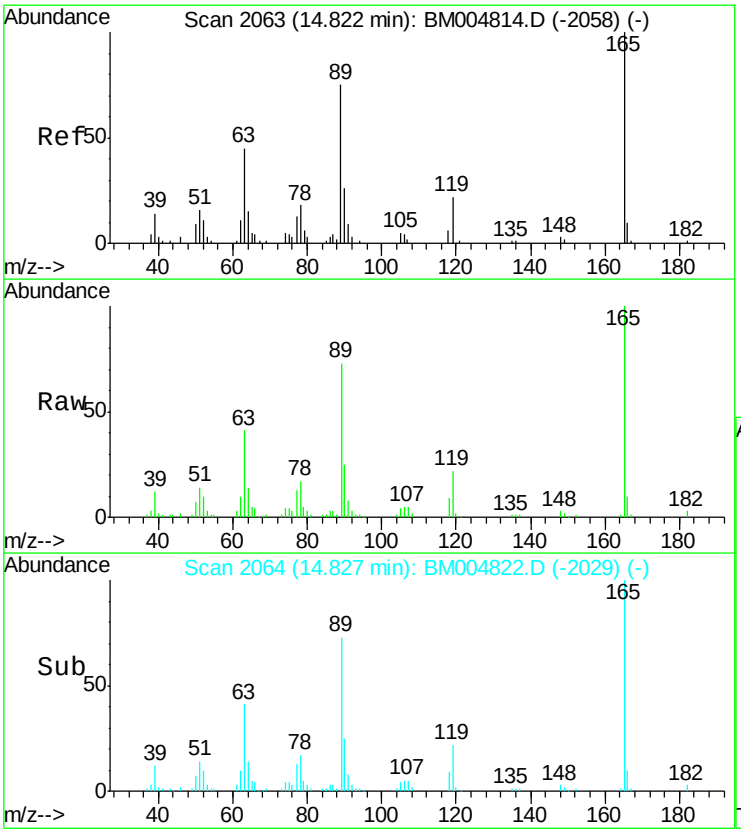
#53
4-Nitrophenol
Concen: 4.30 ng/ul
RT: 14.66 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Instrument :
BNA_M
ClientSampleId :
D9SG2MSD

Tgt Ion:109 Resp: 8271

Ion	Ratio	Lower	Upper
109	100		
139	139.9	103.7	155.5
65	126.9	89.4	134.2

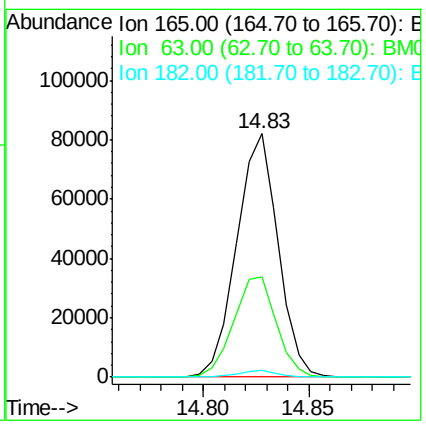


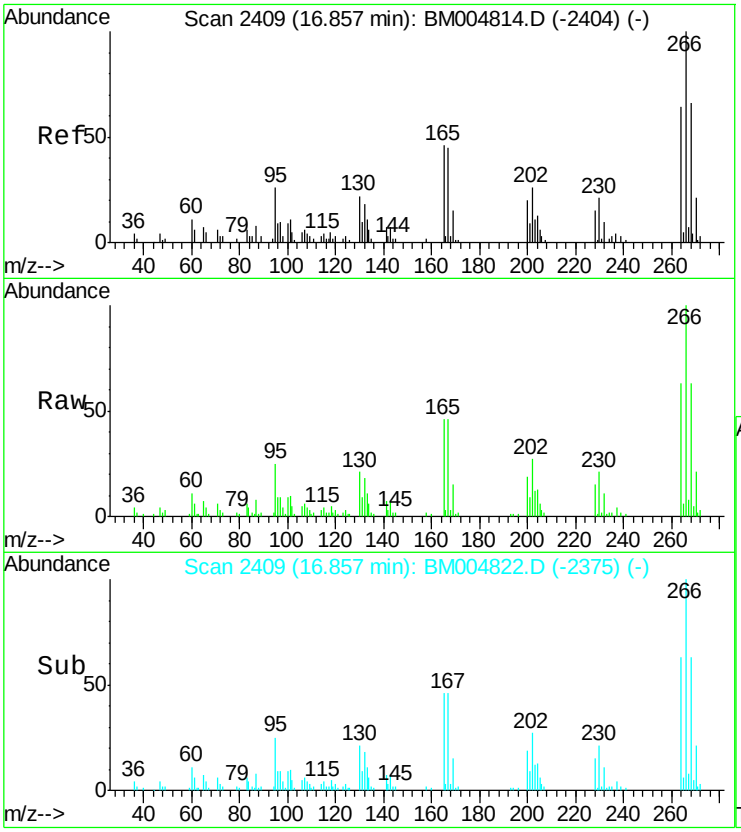


#55
2,4-Dinitrotoluene
Concen: 33.28 ng/ul
RT: 14.83 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Tgt Ion:165 Resp: 111225

Ion	Ratio	Lower	Upper
165	100		
63	41.3	29.8	44.6
182	2.8	2.2	3.4



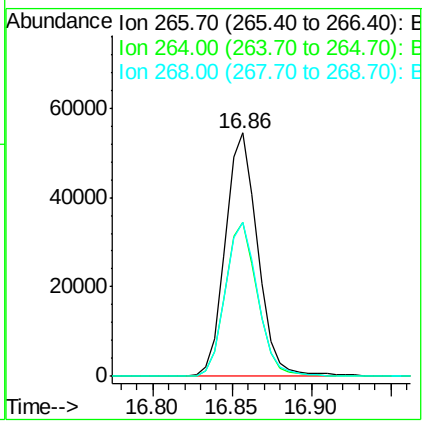


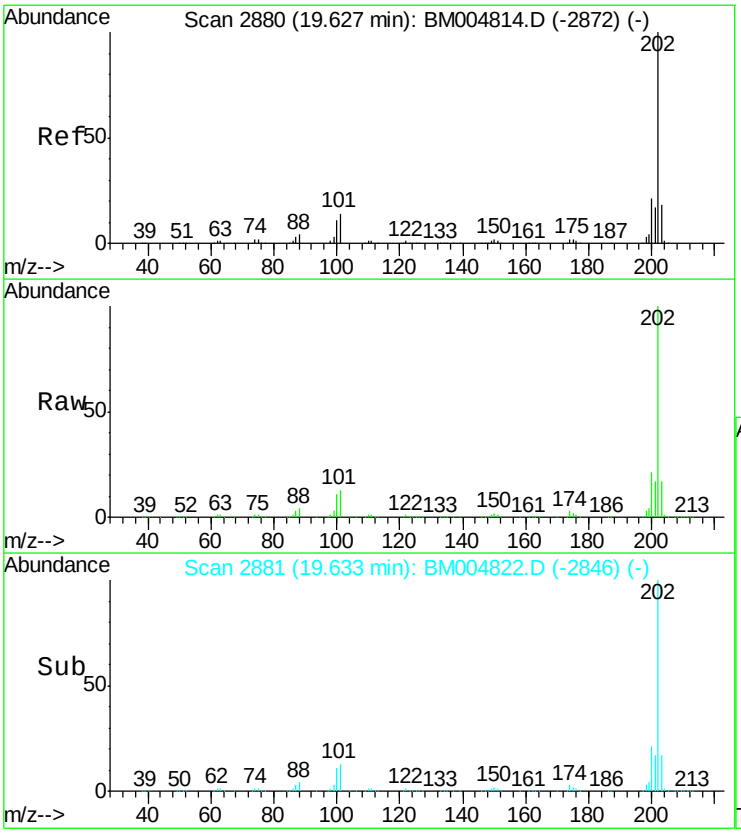
#69
Pentachlorophenol
Concen: 28.03 ng/ul
RT: 16.86 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Instrument :
BNA_M
ClientSampleId :
D9SG2MSD

Tgt Ion:266 Resp: 77016

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.5	75.7
268	63.2	50.9	76.3





#80
Pyrene
Concen: 30.94 ng/ul
RT: 19.63 min Scan# 2881
Delta R.T. 0.01 min
Lab File: BM004822.D
Acq: 29 Mar 2016 15:47

Tgt Ion:202 Resp: 878022

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.2	15.2
100	10.5	8.5	12.7