Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092616\
Data File : BM007568.D
Acq On : 26 Sep 2016 13:18
Operator : UM/SJ
Sample : H4855-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H9005MS

Quant Time: Sep 26 14:11:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 03:32:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	221736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1054826	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	851853	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1952688	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2573425	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2321205	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	5974	1.32	ng/uL	0.00
5) Phenol-d5	6.95	99	125359	6.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	315975	29.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	340883	23.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	246408	14.67	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	235188	31.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	273534	31.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	463019	27.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	69879	3.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1946585	31.42	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2206012	30.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	66756	6.10	ng/ul	0.00
57) Fluorene-d10	15.40	176	1678066	30.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	361349	30.33	ng/ul	0.00
70) Anthracene-d10	17.26	188	2801766	31.22	ng/ul	0.00
76) Pyrene-d10	19.55	212	3523061	34.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	3297767	32.11	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.98	94	128839	6.45	ng/ul	97
10) 2-Chlorophenol	7.35	128	343286	23.95	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.58	70	421854	32.47	ng/ul	93
33) 4-Chloro-3-methylphenol	11.85	107	531228	25.94	ng/ul	93
44) Dimethylphthalate	13.87	163	102921	1.71	ng/ul	99
49) Acenaphthene	14.47	153	1464129	29.83	ng/ul	99
52) 4-Nitrophenol	14.64	109	68945	6.06	ng/ul	91
54) 2,4-Dinitrotoluene	14.79	165	583738	31.75	ng/ul	99
68) Pentachlorophenol	16.81	266	487517	32.48	ng/ul	99
77) Pyrene	19.58	202	4232164	33.52	ng/ul	98

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

Quantitation Report (Not Reviewed)

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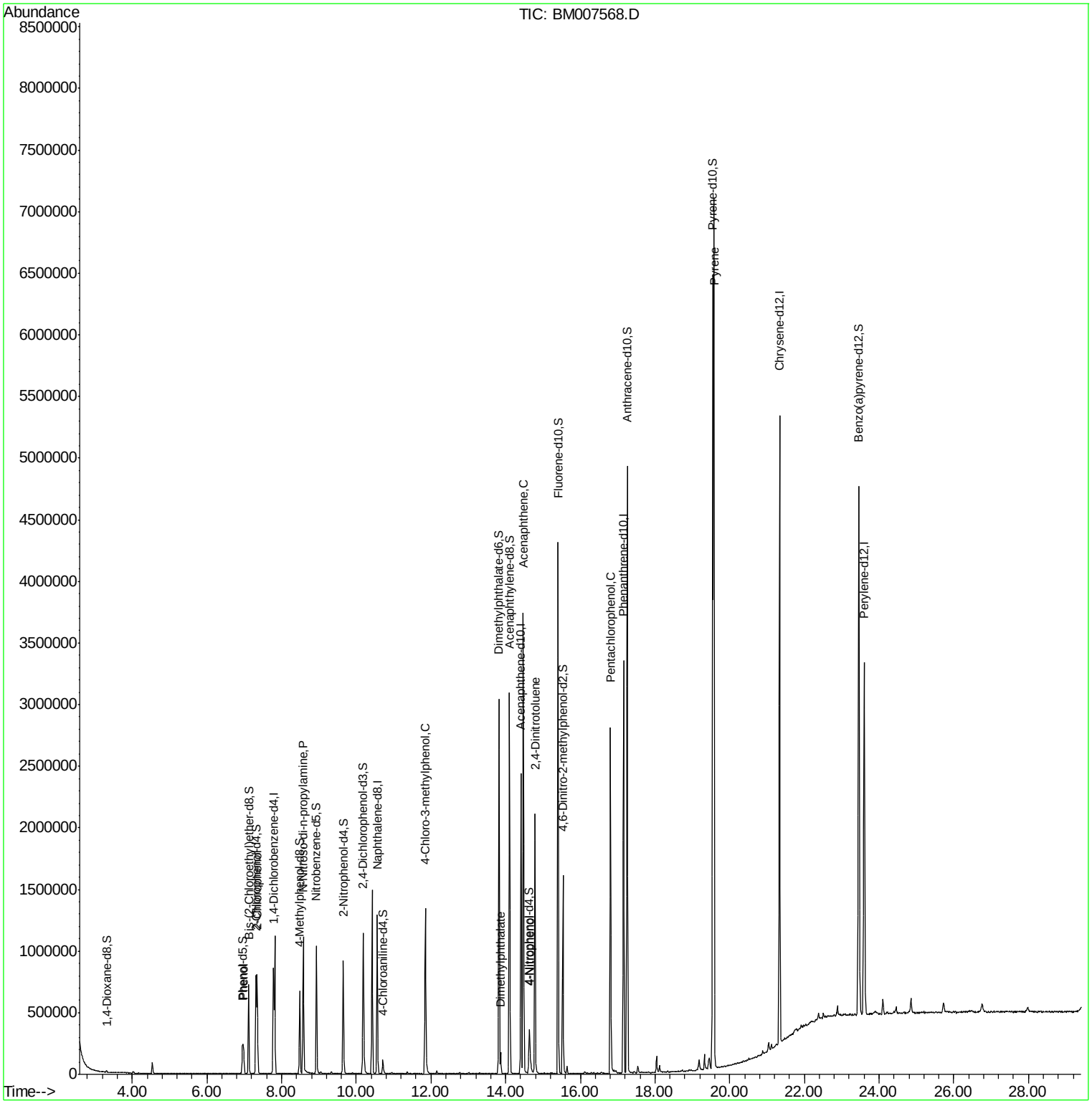
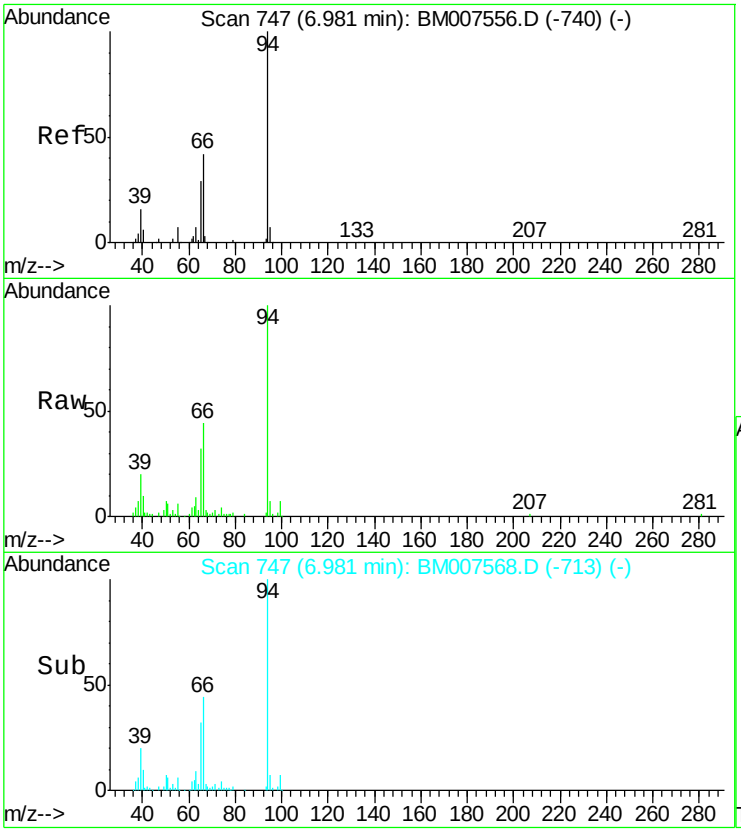
Data File : BM007568.D
Acq On : 26 Sep 2016 13:18
Operator : UM/SJ
Sample : H4855-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H9005MS

Quant Time: Sep 26 14:11:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 03:32:16 2016
Response via : Initial Calibration



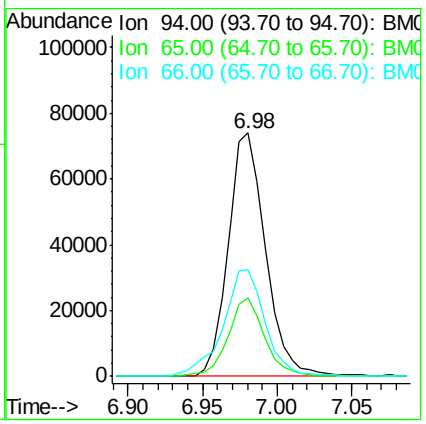


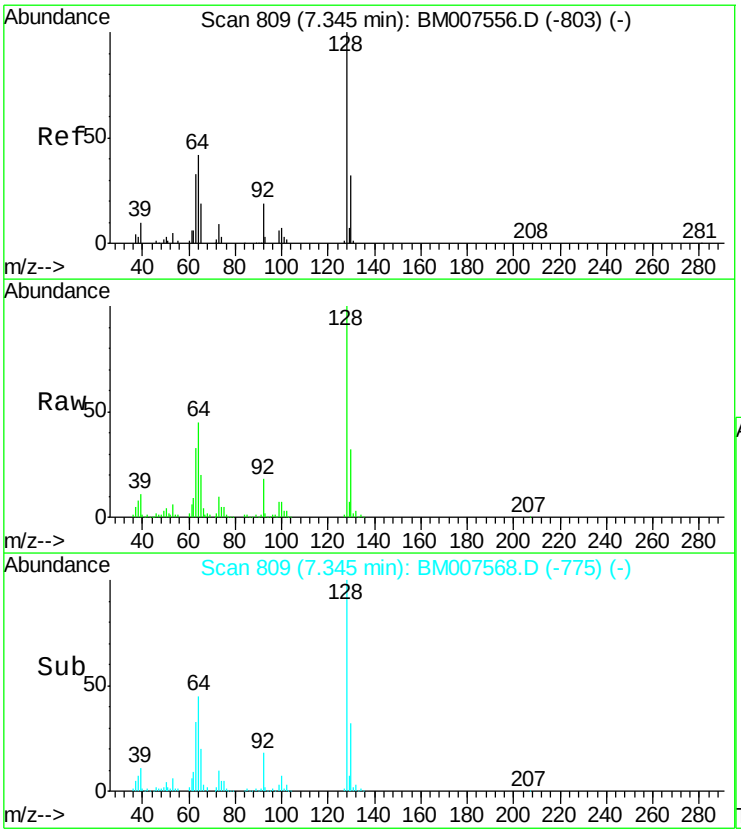
#6
Phenol
Concen: 6.45 ng/ul
RT: 6.98 min Scan# 747
Delta R.T. 0.00 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Instrument :
BNA_M
ClientSampleId :
H9005MS

Tgt Ion: 94 Resp: 128839

Ion	Ratio	Lower	Upper
94	100		
65	32.3	23.9	35.9
66	43.6	33.5	50.3

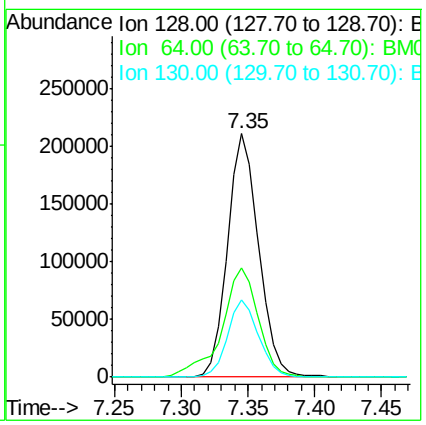


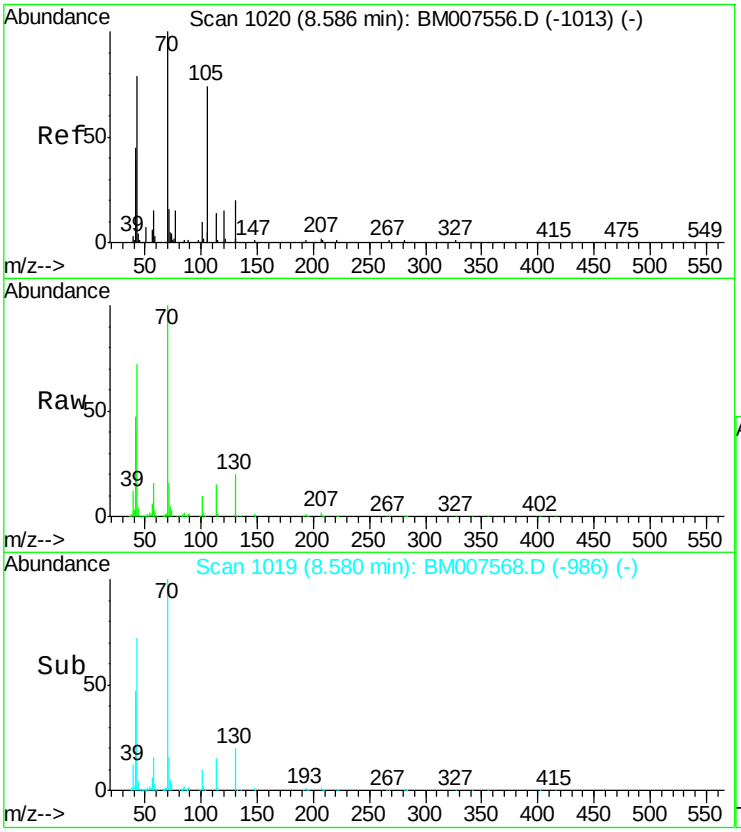


#10
2-Chlorophenol
Concen: 23.95 ng/ul
RT: 7.35 min Scan# 809
Delta R.T. 0.00 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Tgt Ion:128 Resp: 343286

Ion	Ratio	Lower	Upper
128	100		
64	45.0	37.5	56.3
130	31.8	25.0	37.4



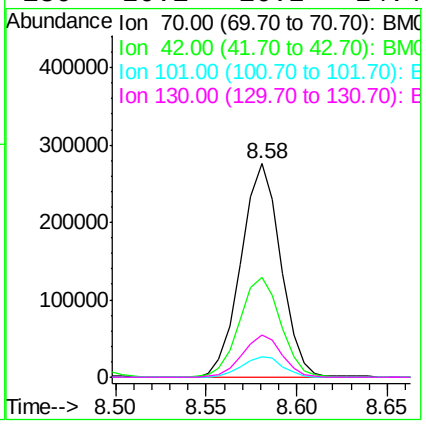


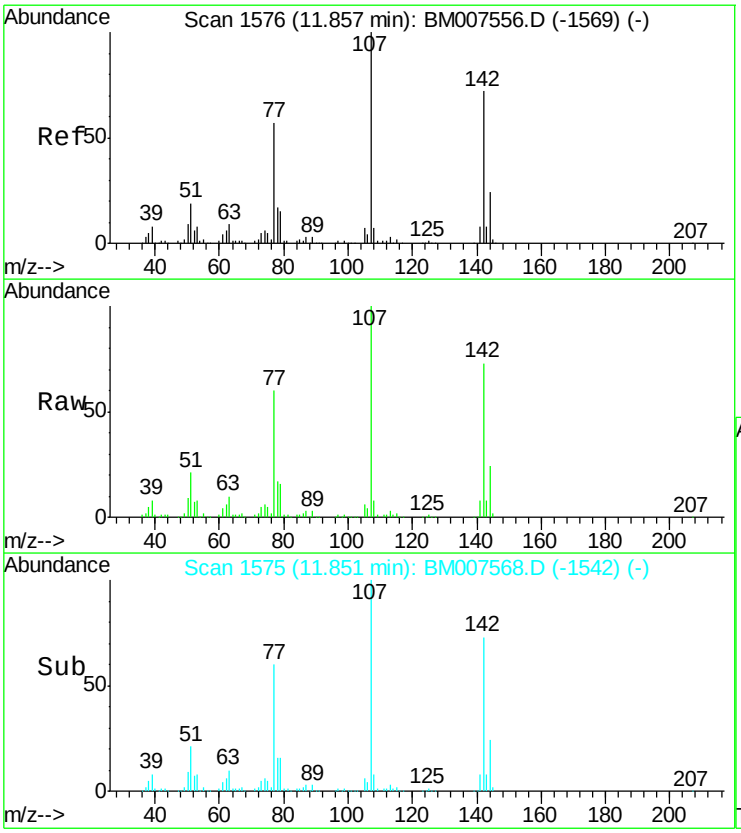
#15
N-Nitroso-di-n-propylamine
Concen: 32.47 ng/ul
RT: 8.58 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Instrument :
BNA_M
ClientSampleId :
H9005MS

Tgt Ion: 70 Resp: 421854

Ion	Ratio	Lower	Upper
70	100		
42	46.6	43.4	65.2
101	9.8	7.8	11.6
130	20.1	16.2	24.4

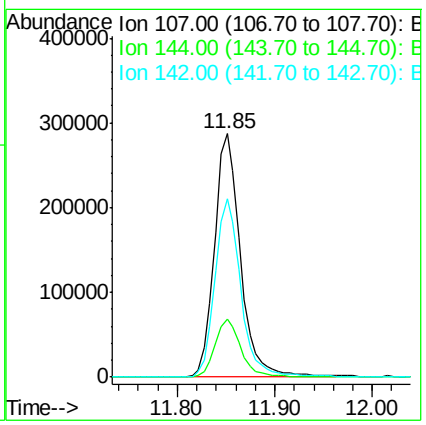


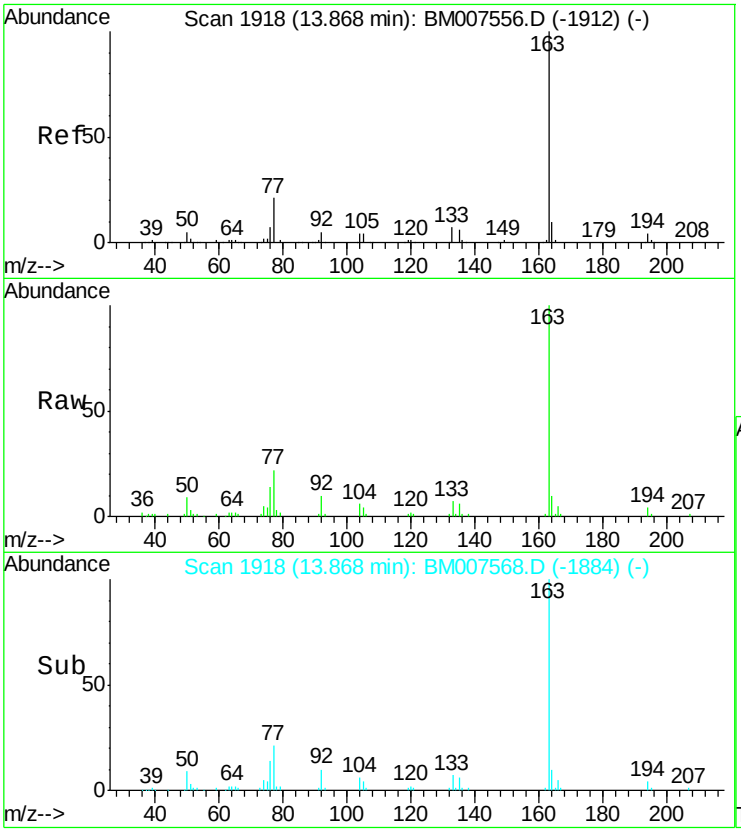


#33
4-Chloro-3-methylphenol
Concen: 25.94 ng/ul
RT: 11.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Tgt Ion:107 Resp: 531228

Ion	Ratio	Lower	Upper
107	100		
144	24.1	21.1	31.7
142	73.1	64.1	96.1



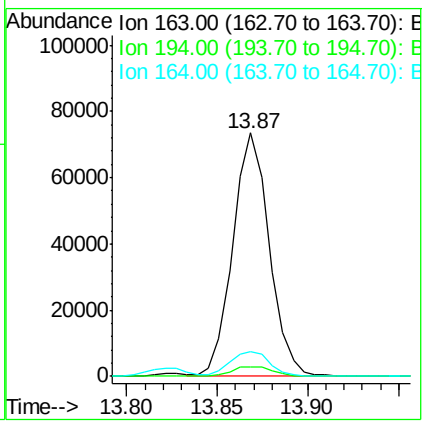


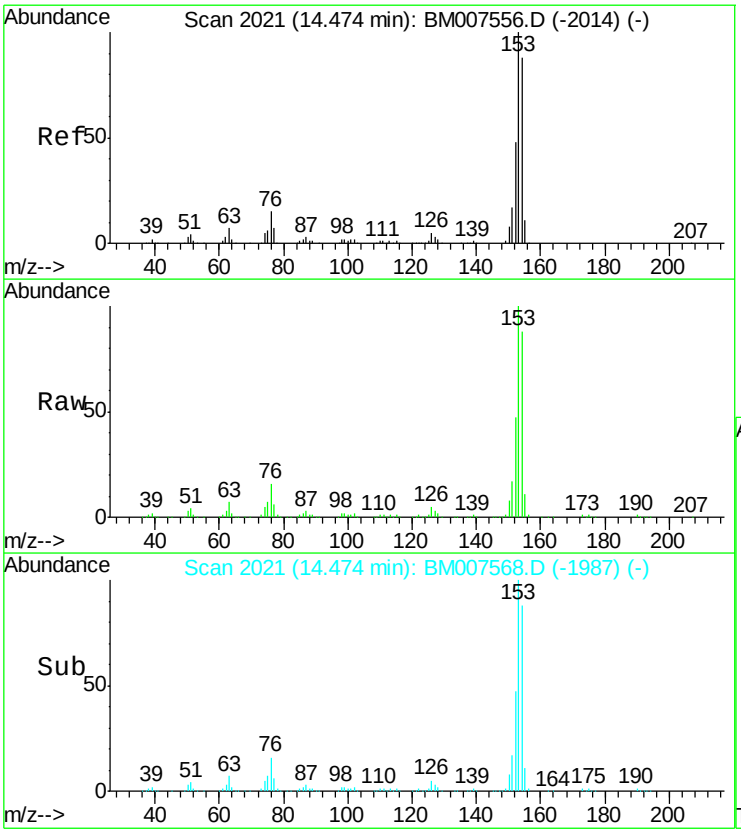
#44
Dimethylphthalate
Concen: 1.71 ng/ul
RT: 13.87 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Instrument :
BNA_M
ClientSampleId :
H9005MS

Tgt Ion:163 Resp: 102921

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.1	7.8	11.8

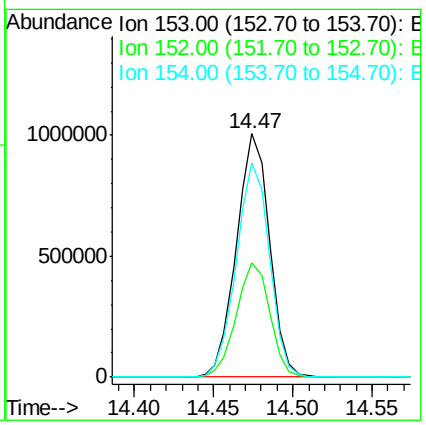


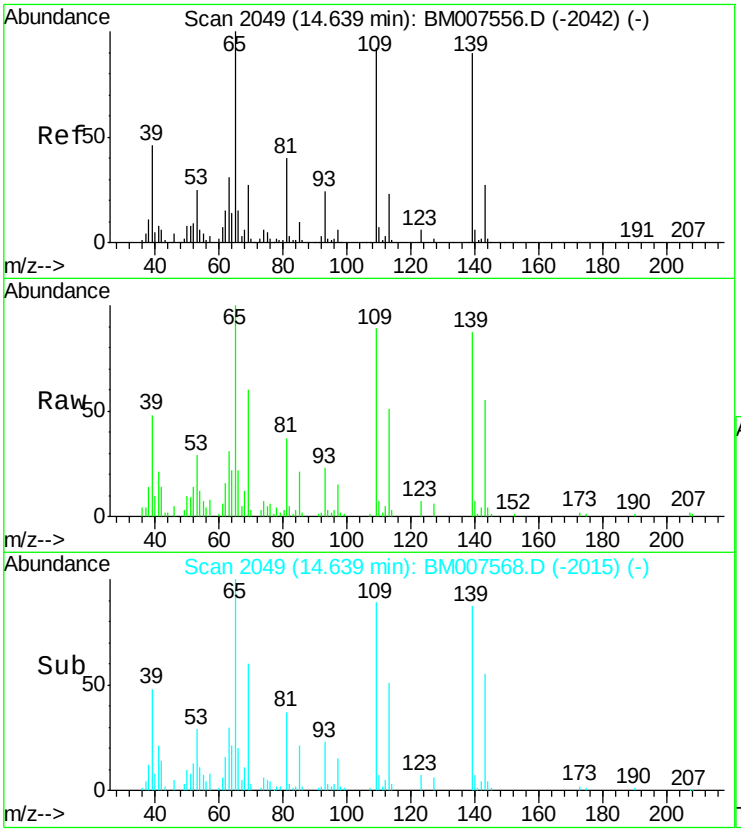


#49
Acenaphthene
Concen: 29.83 ng/ul
RT: 14.47 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Tgt Ion:153 Resp: 1464129

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.8	56.6
154	88.1	71.4	107.0



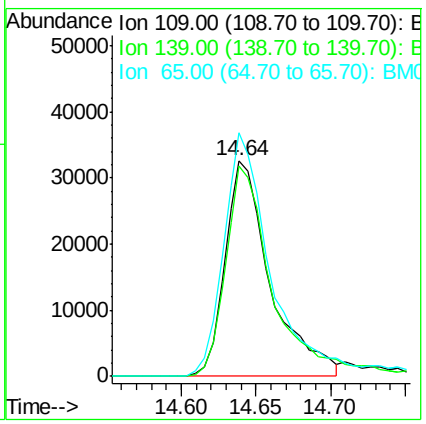


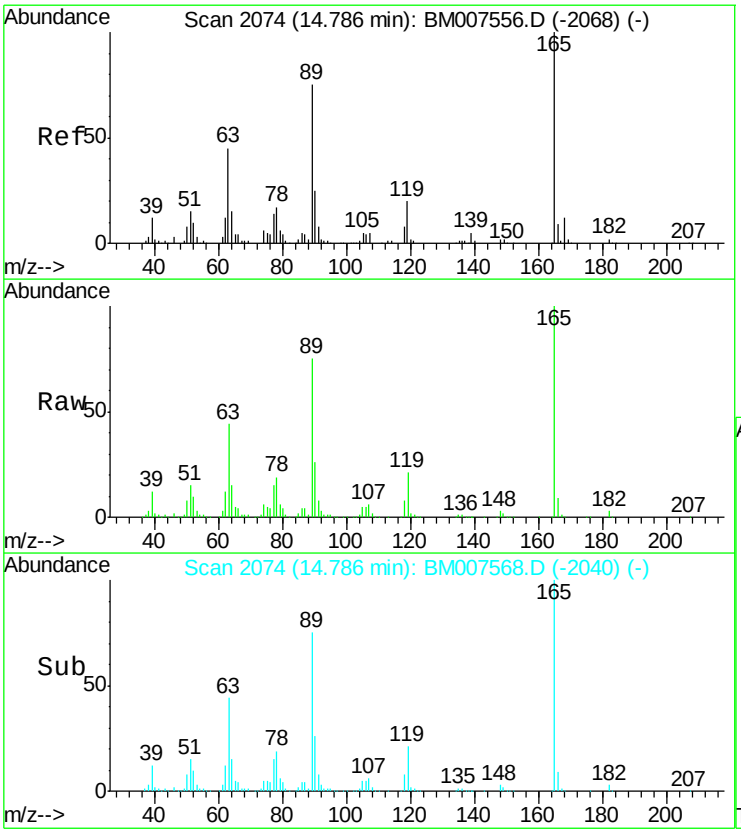
#52
4-Nitrophenol
Concen: 6.06 ng/ul
RT: 14.64 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Instrument :
BNA_M
ClientSampleId :
H9005MS

Tgt Ion:109 Resp: 68945

Ion	Ratio	Lower	Upper
109	100		
139	97.7	88.7	133.1
65	113.0	96.4	144.6

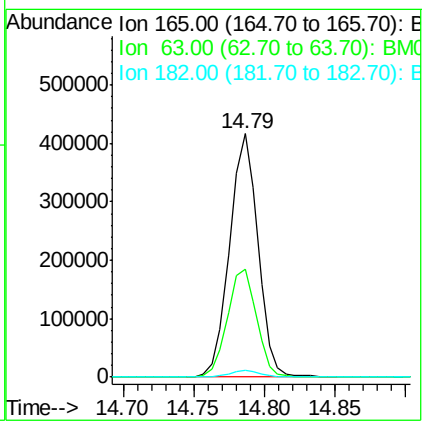


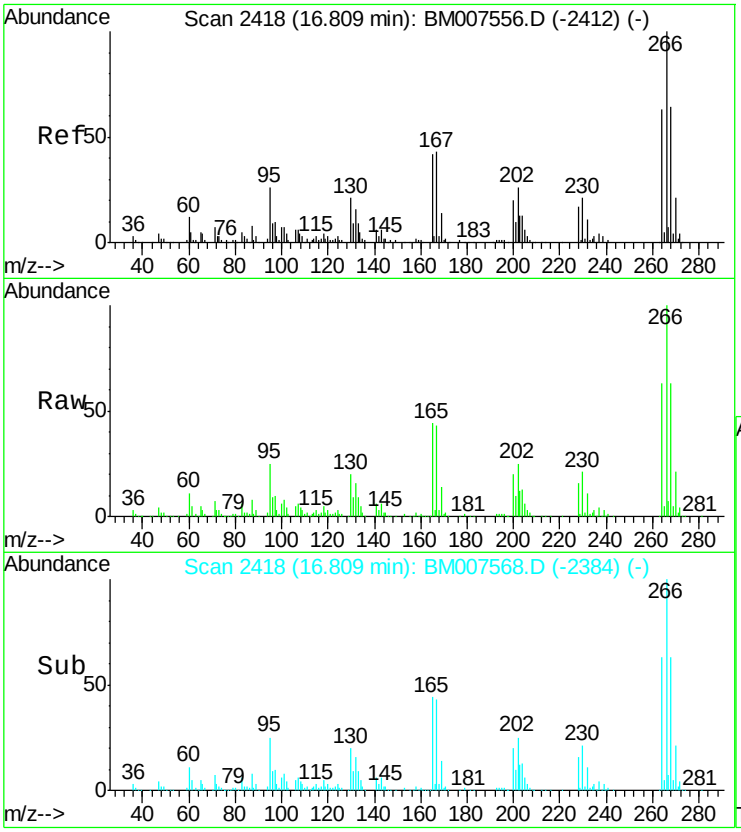


#54
2,4-Dinitrotoluene
Concen: 31.75 ng/ul
RT: 14.79 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Tgt Ion:165 Resp: 583738

Ion	Ratio	Lower	Upper
165	100		
63	44.4	36.2	54.2
182	2.8	2.2	3.4



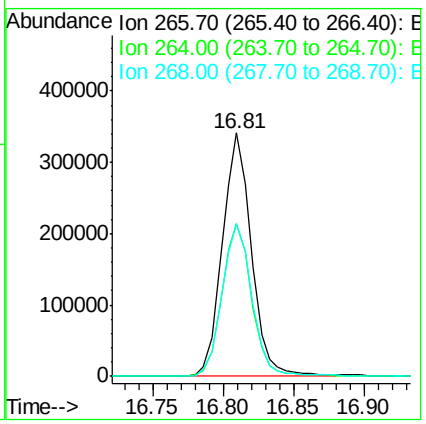


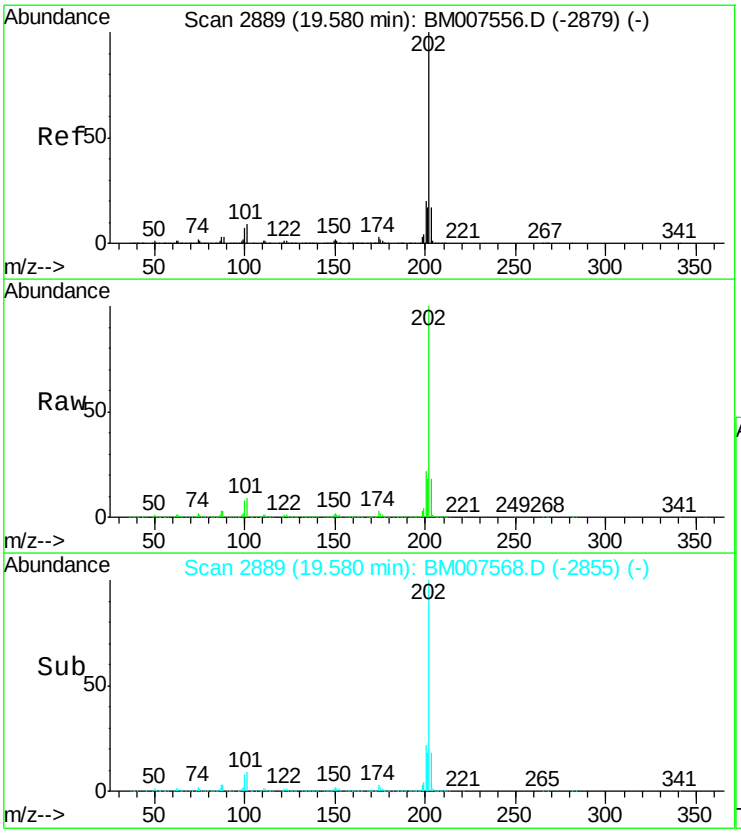
#68
Pentachlorophenol
Concen: 32.48 ng/ul
RT: 16.81 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Instrument :
BNA_M
ClientSampleId :
H9005MS

Tgt Ion:266 Resp: 487517

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.6	75.8
268	62.9	51.0	76.6





#77
Pyrene
Concen: 33.52 ng/ul
RT: 19.58 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BM007568.D
Acq: 26 Sep 2016 13:18

Tgt Ion:202 Resp: 4232164

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.4	12.6
100	7.9	6.9	10.3