Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004434.D
Acq On : 26 Feb 2016 19:28
Operator : SJ/UM
Sample : H1564-14MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9R26MSD

Quant Time: Feb 26 23:26:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 23:20:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	22602	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	99822	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	55273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	115407	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	119417	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	117798	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1594	3.72	ng/uL	0.00
5) Phenol-d5	6.80	99	32824	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	17884	18.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	31190	19.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	26478	15.63	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	14278	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	15922	18.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	27466	17.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	38821	19.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	92217	19.45	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	113638	20.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	9927	13.03	ng/ul	0.00
58) Fluorene-d10	15.27	176	80527	19.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	8627	12.17	ng/ul	0.00
71) Anthracene-d10	17.13	188	117767	20.83	ng/ul	0.00
79) Pyrene-d10	19.44	212	128000	22.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	131566	21.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.83	94	33862	16.75	ng/ul	98
10) 2-Chlorophenol	7.18	128	29620	17.43	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	20768	16.29	ng/ul	96
33) 4-Chloro-3-methylphenol	11.72	107	29141	15.10	ng/ul	99
45) Dimethylphthalate	13.74	163	26469	5.35	ng/ul	99
50) Acenaphthene	14.34	153	80176	19.45	ng/ul	98
53) 4-Nitrophenol	14.54	109	6960	12.22	ng/ul	88
55) 2,4-Dinitrotoluene	14.67	165	24646	16.64	ng/ul	95
69) Pentachlorophenol	16.70	266	8071	14.63	ng/ul	94
80) Pyrene	19.47	202	164636	21.09	ng/ul	99

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

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
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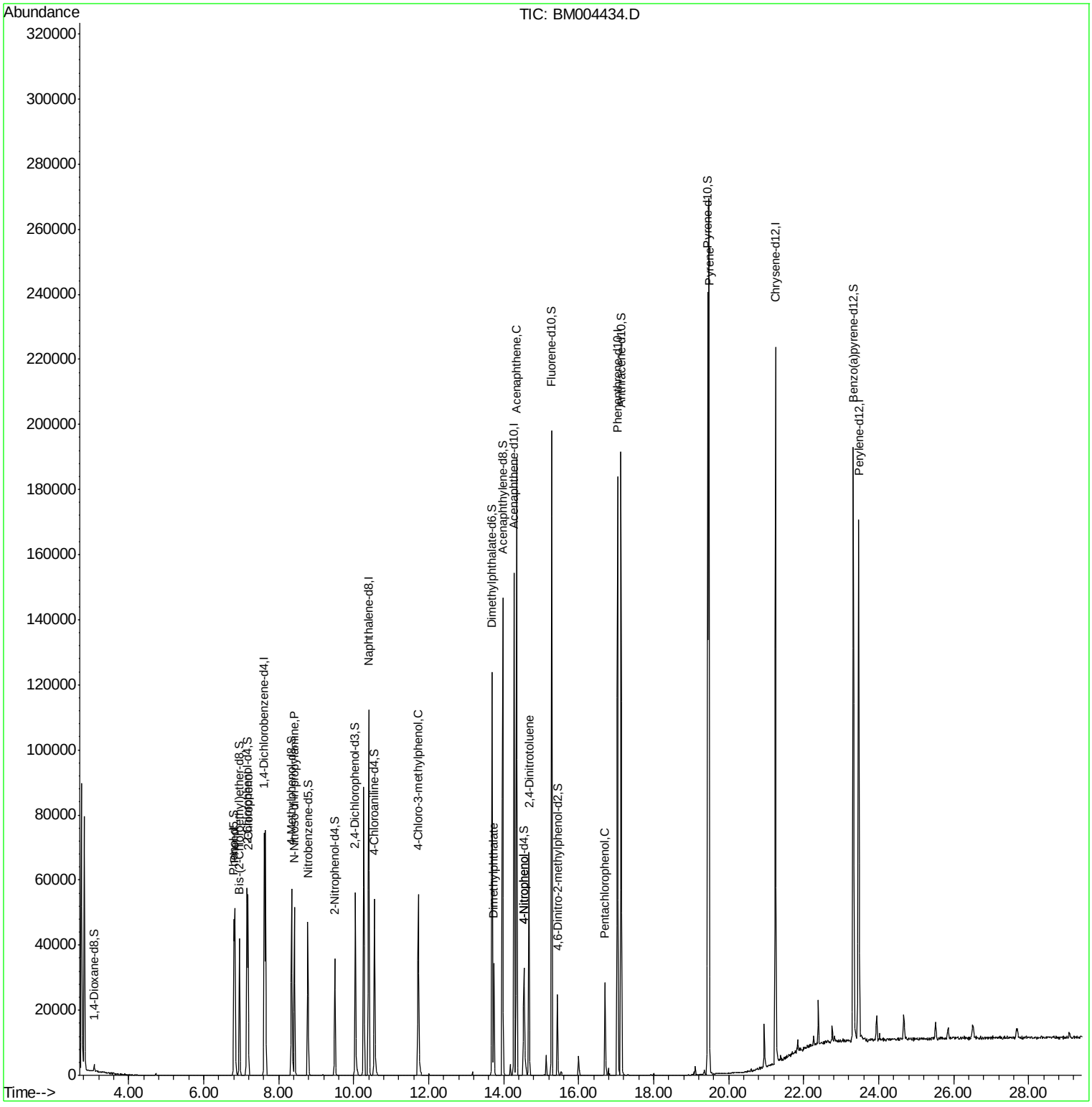
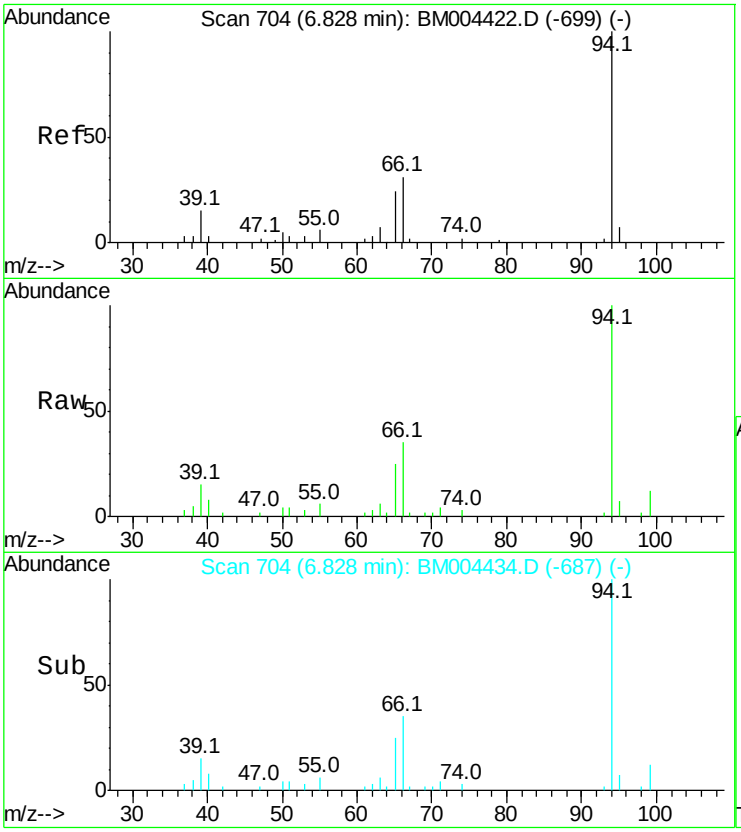


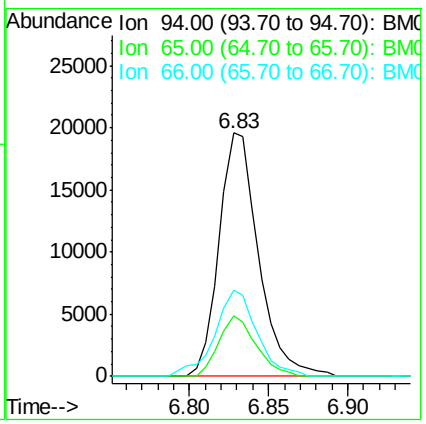


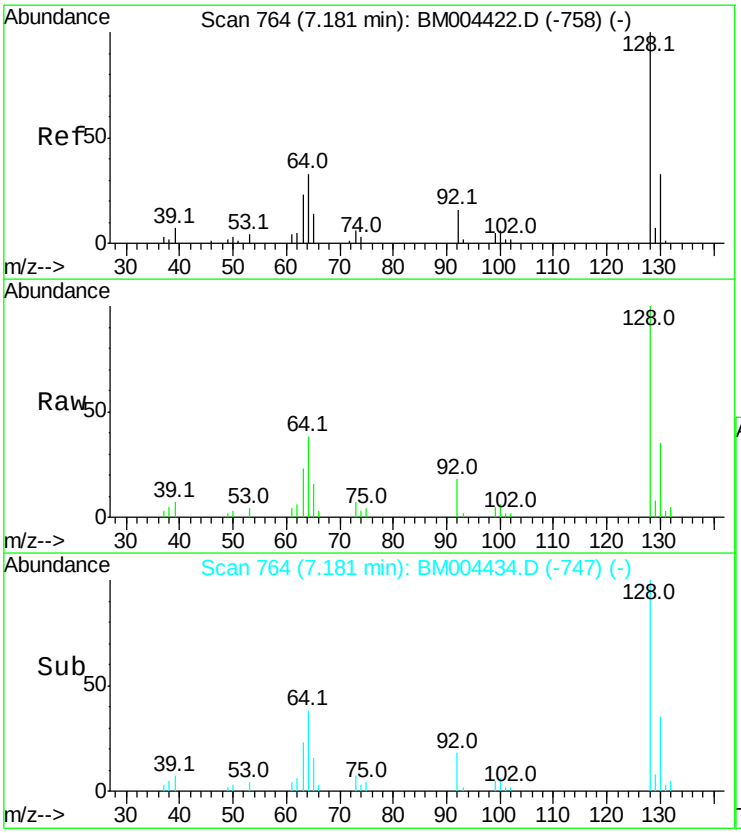
#6
Phenol
Concen: 16.75 ng/ul
RT: 6.83 min Scan# 704
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Instrument :
BNA_M
ClientSampleId :
D9R26MSD

Tgt Ion: 94 Resp: 33862

Ion	Ratio	Lower	Upper
94	100		
65	25.1	21.0	31.6
66	35.3	29.3	43.9

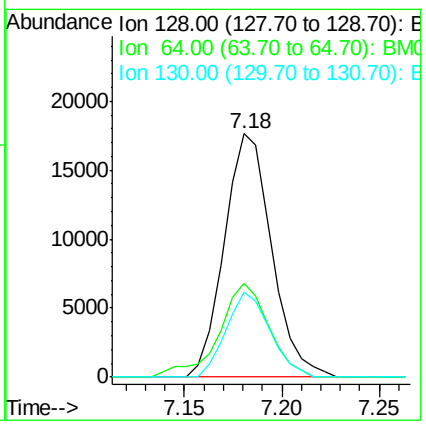


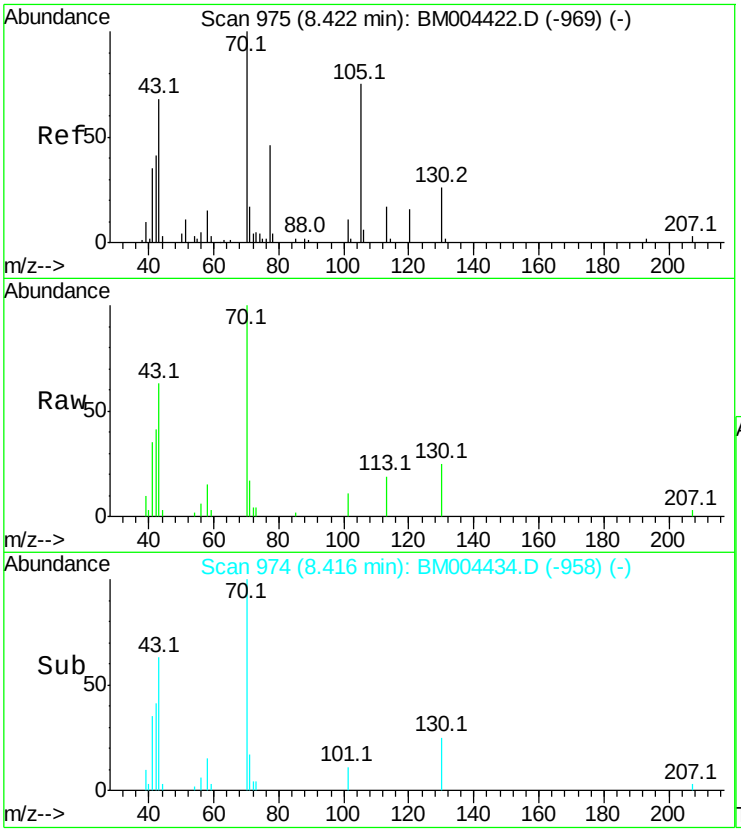


#10
2-Chlorophenol
Concen: 17.43 ng/ul
RT: 7.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Tgt Ion:128 Resp: 29620

Ion	Ratio	Lower	Upper
128	100		
64	38.4	31.9	47.9
130	34.7	25.6	38.4



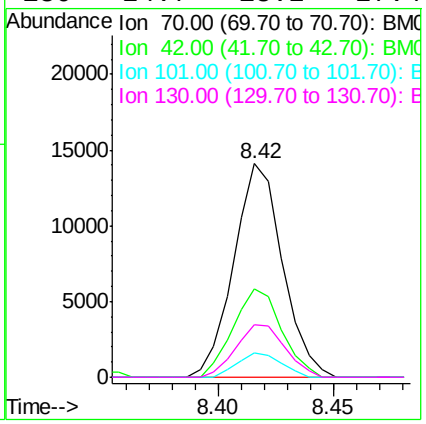


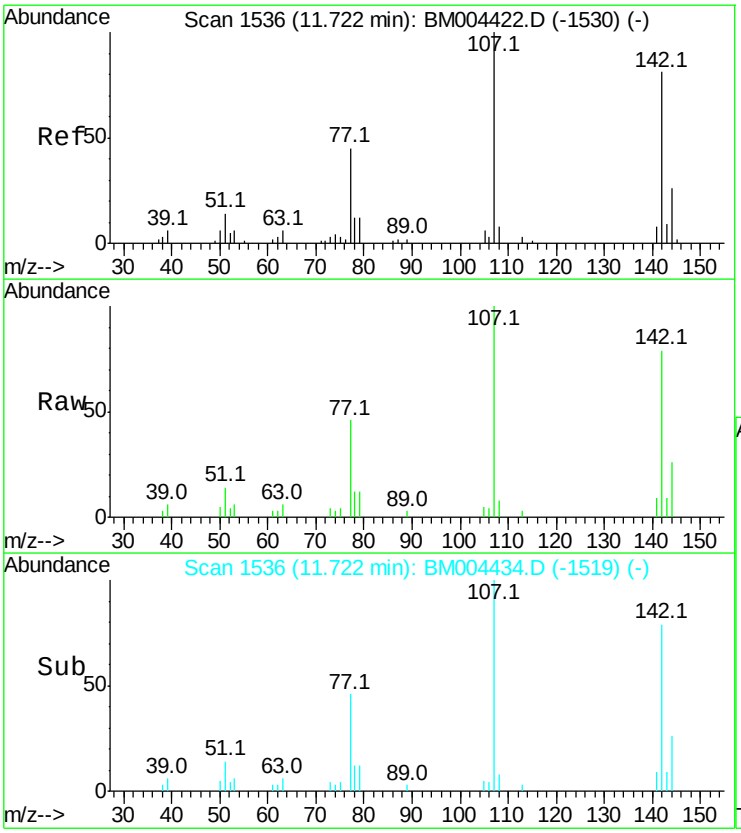
#15
N-Nitroso-di-n-propylamine
Concen: 16.29 ng/ul
RT: 8.42 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Instrument :
BNA_M
ClientSampleId :
D9R26MSD

Tgt Ion: 70 Resp: 20768

Ion	Ratio	Lower	Upper
70	100		
42	41.3	35.4	53.0
101	11.4	8.4	12.6
130	24.7	18.2	27.4

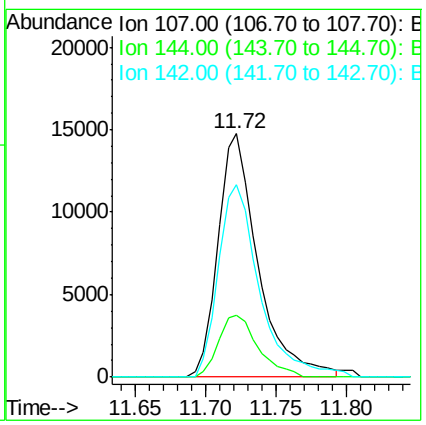


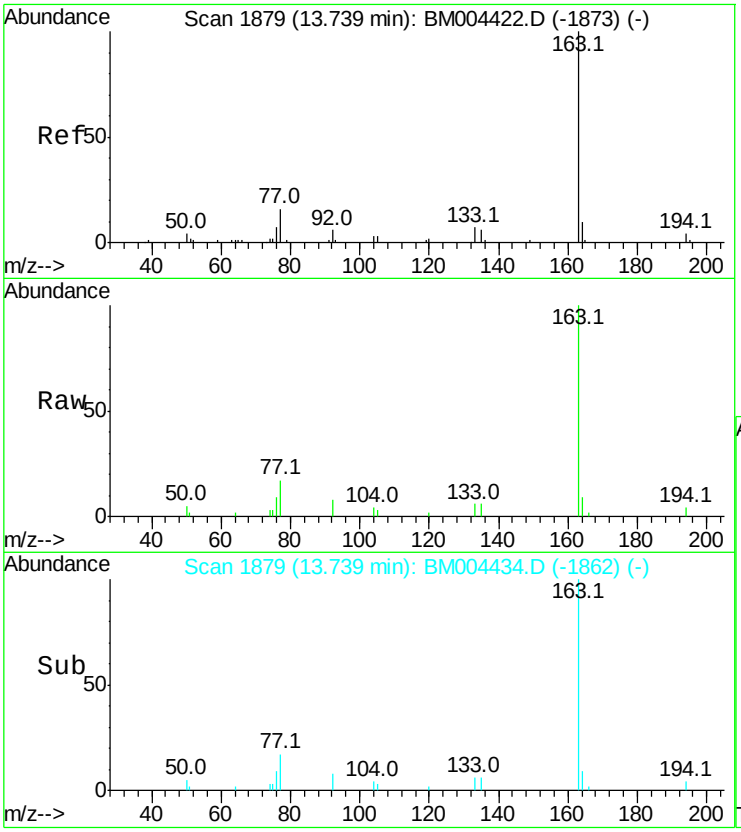


#33
4-Chloro-3-methylphenol
Concen: 15.10 ng/ul
RT: 11.72 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Tgt Ion:107 Resp: 29141

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.4	30.6
142	79.2	62.5	93.7



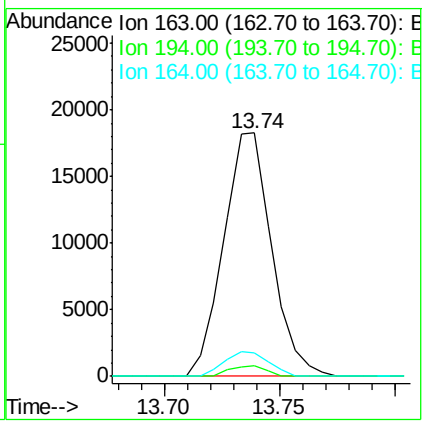


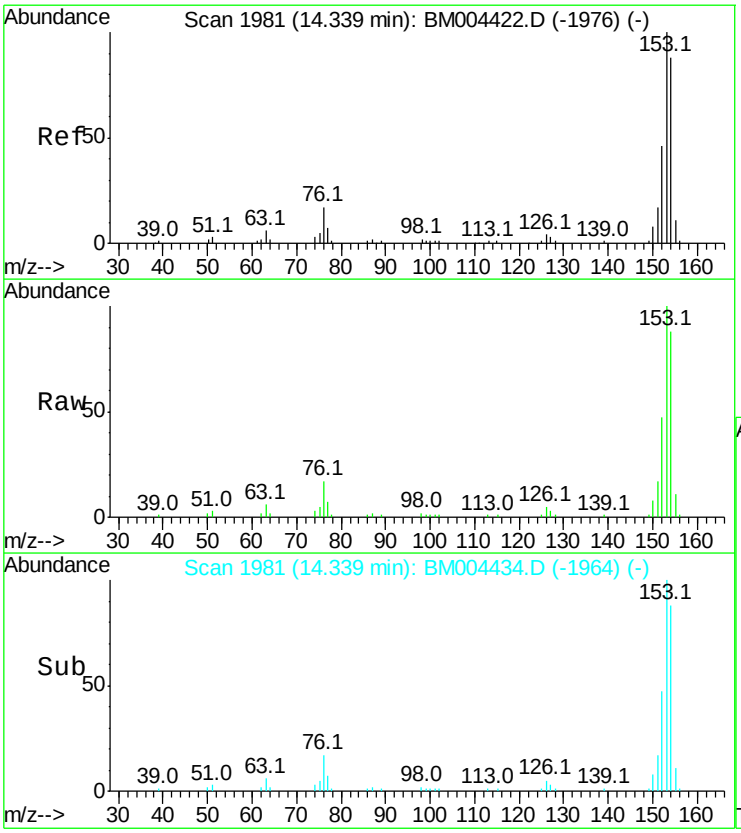
#45
Dimethylphthalate
Concen: 5.35 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Instrument :
BNA_M
ClientSampleId :
D9R26MSD

Tgt Ion:163 Resp: 26469

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	9.5	7.8	11.8

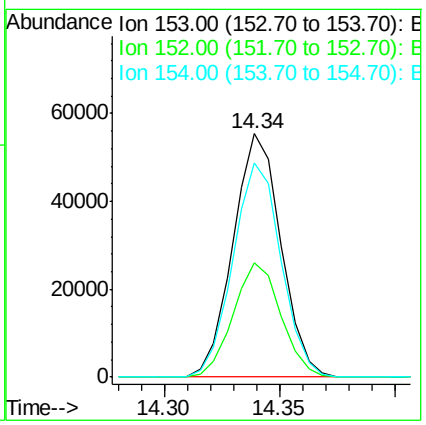


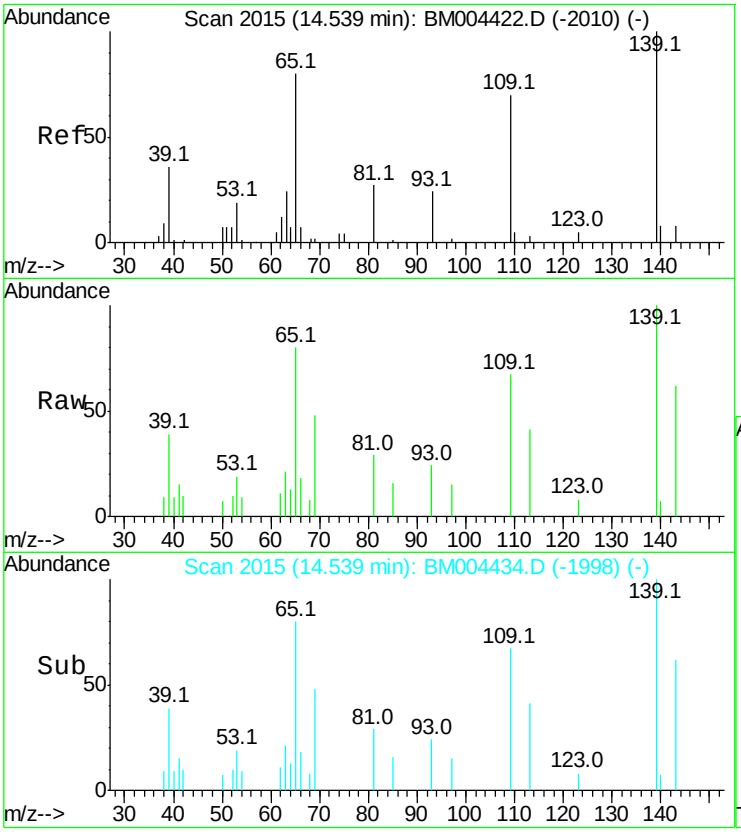


#50
Acenaphthene
Concen: 19.45 ng/ul
RT: 14.34 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Tgt Ion:153 Resp: 80176

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.3	57.5
154	88.1	71.8	107.8



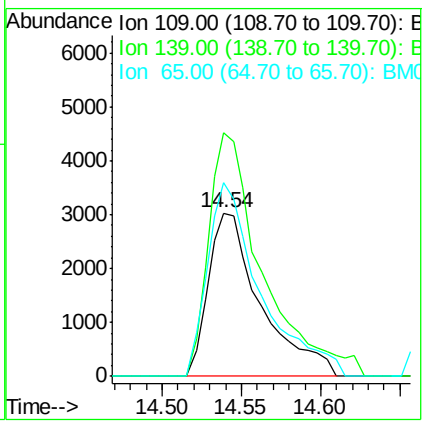


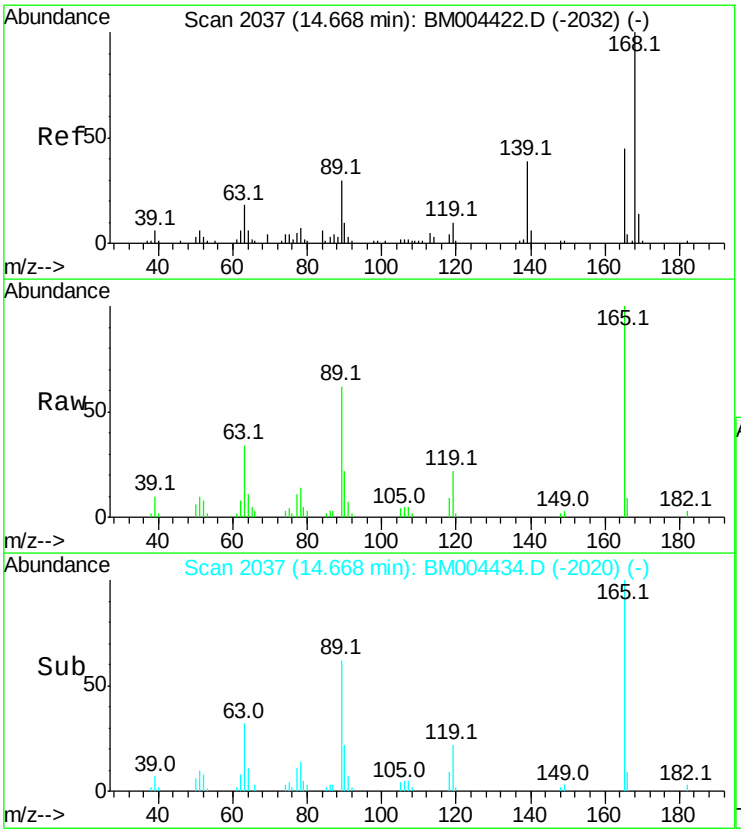
#53
4-Nitrophenol
Concen: 12.22 ng/ul
RT: 14.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Instrument :
BNA_M
ClientSampleId :
D9R26MSD

Tgt Ion:109 Resp: 6960

Ion	Ratio	Lower	Upper
109	100		
139	149.0	103.7	155.5
65	118.7	89.4	134.2

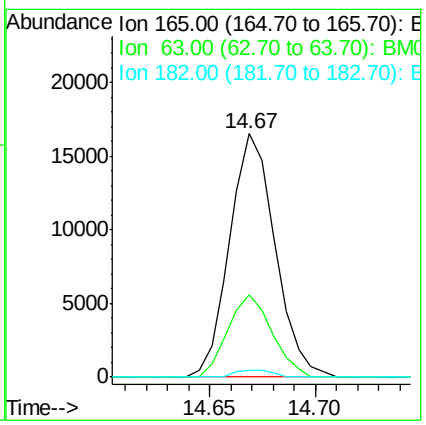


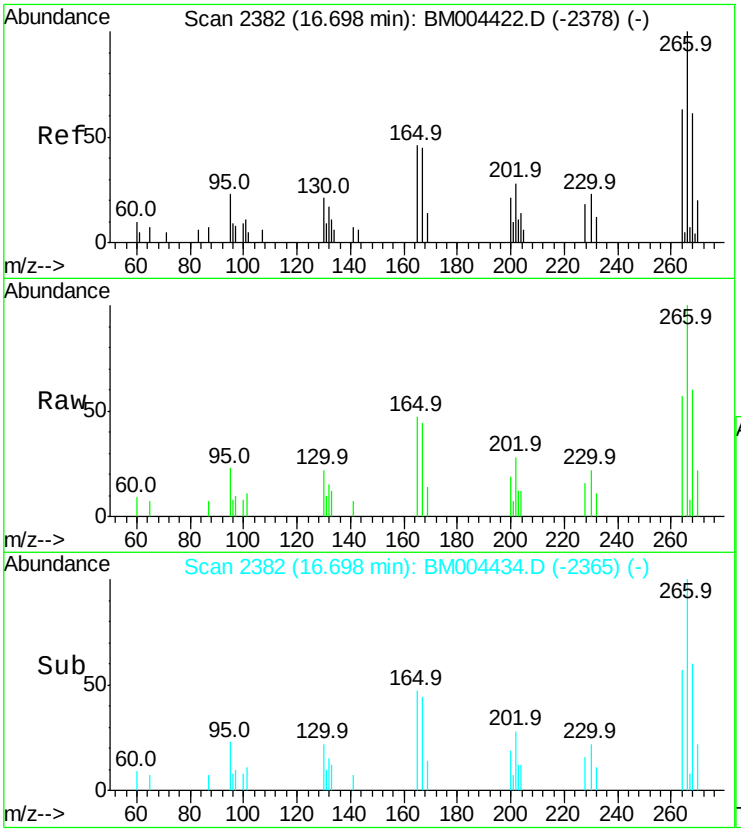


#55
2,4-Dinitrotoluene
Concen: 16.64 ng/ul
RT: 14.67 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Tgt Ion:165 Resp: 24646

Ion	Ratio	Lower	Upper
165	100		
63	33.9	29.8	44.6
182	3.0	2.2	3.4



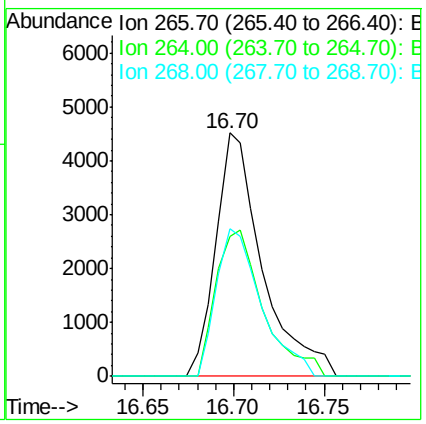


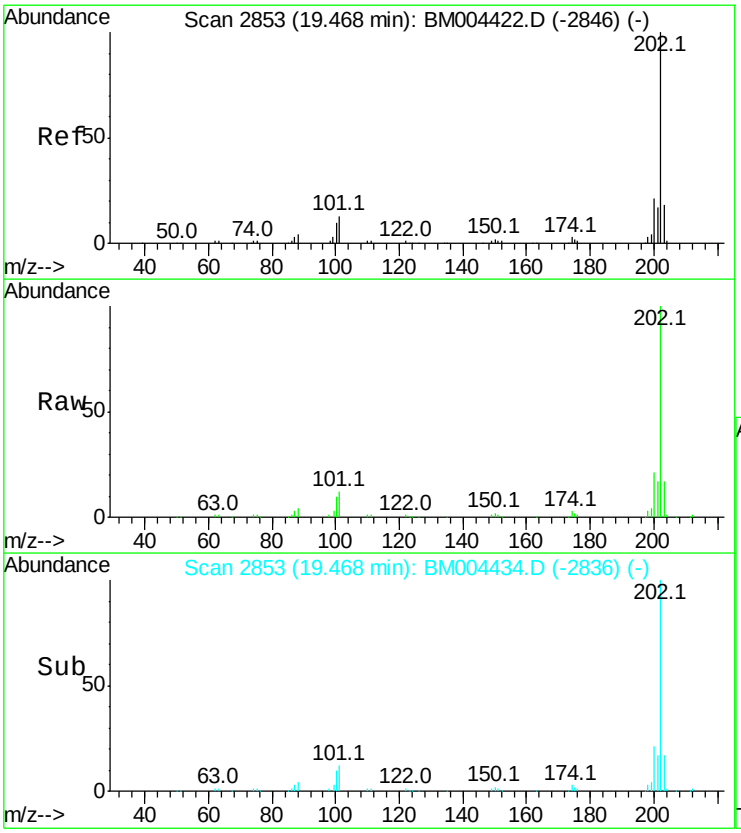
#69
Pentachlorophenol
Concen: 14.63 ng/ul
RT: 16.70 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Instrument :
BNA_M
ClientSampleId :
D9R26MSD

Tgt Ion:266 Resp: 8071

Ion	Ratio	Lower	Upper
266	100		
264	57.4	50.5	75.7
268	60.4	50.9	76.3





#80
Pyrene
Concen: 21.09 ng/ul
RT: 19.47 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Tgt Ion:202 Resp: 164636

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.2	15.2
100	10.2	8.5	12.7