Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
Data File : BM008382.D
Acq On : 16 Dec 2016 20:26
Operator : UM/SJ
Sample : H6039-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S8

Quant Time: Dec 17 02:18:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 02:12:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	101065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	411101	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	285191	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	560178	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	698803	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	686255	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	57584	26.81	ng/uL	-0.02
5) Phenol-d5	6.89	99	80208	10.23	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.01	67	176121	39.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	211613	35.87	ng/ul	0.01
13) 4-Methylphenol-d8	8.40	113	145079	23.89	ng/ul	0.02
19) Nitrobenzene-d5	8.83	128	125656	42.29	ng/ul	0.01
22) 2-Nitrophenol-d4	9.54	143	144955	44.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	255977	42.43	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	32907	4.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	818284	43.16	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	987851	44.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	28697	10.27	ng/ul	0.03
57) Fluorene-d10	15.30	176	736040	44.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	130081	39.01	ng/ul	0.00
70) Anthracene-d10	17.16	188	1118042	45.81	ng/ul	0.00
76) Pyrene-d10	19.46	212	1311308	48.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1307972	45.39	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.15	108	29385	4.93	ng/ul	90
21) Isophorone	9.43	82	104292	7.57	ng/ul#	1
24) 2,4-Dimethylphenol	9.65	107	1402410	186.46	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	12918	2.12	ng/ul#	84
28) Naphthalene	10.49	128	216455	11.12	ng/ul	100
34) 2-Methylnaphthalene	12.10	142	56163	3.99	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	2444	1.16	ng/ul#	41
52) 4-Nitrophenol	14.62	109	5822	2.17	ng/ul#	43

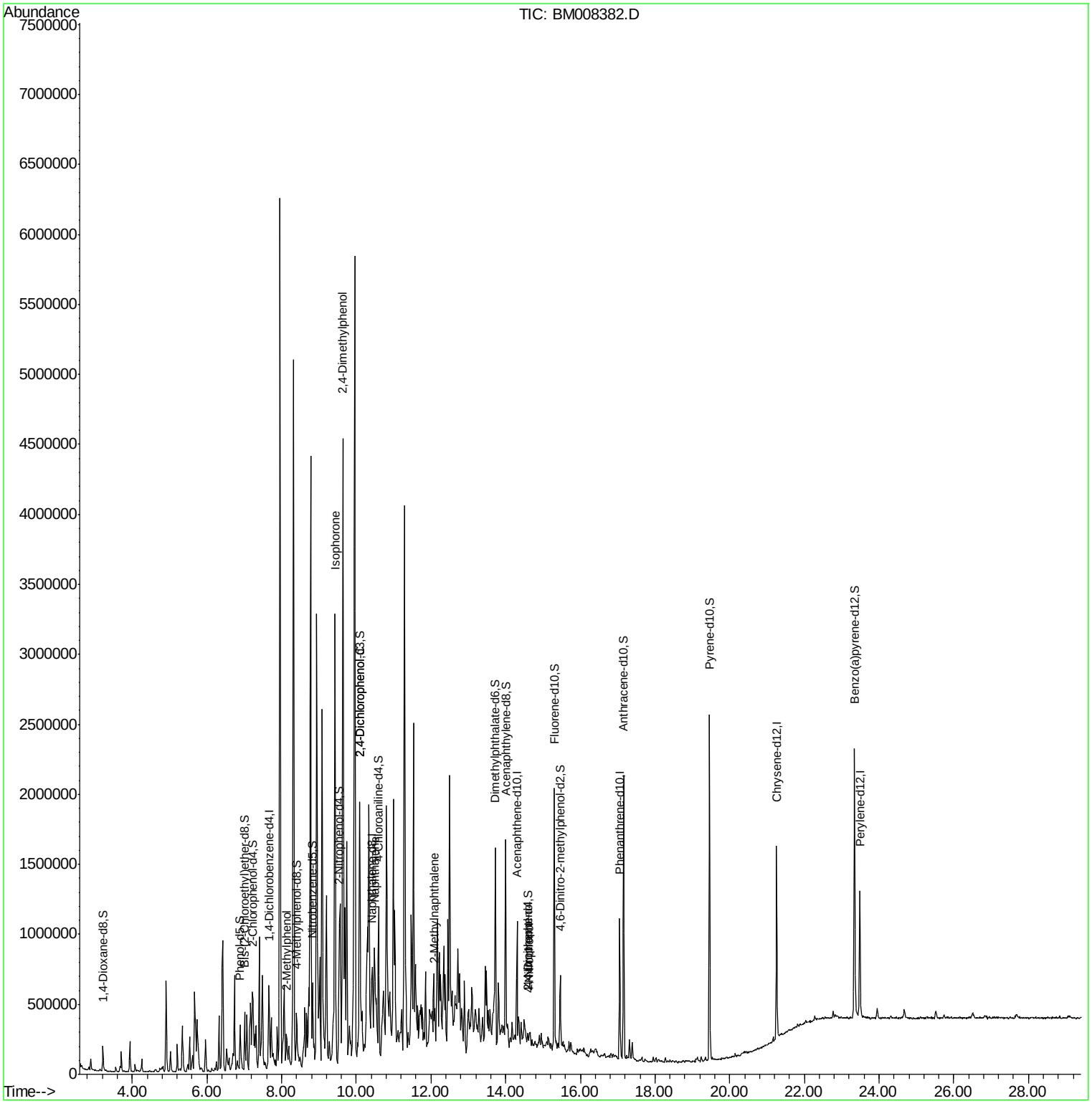
(#) = qualifier out of range (m) = manual integration (+) = signals summed

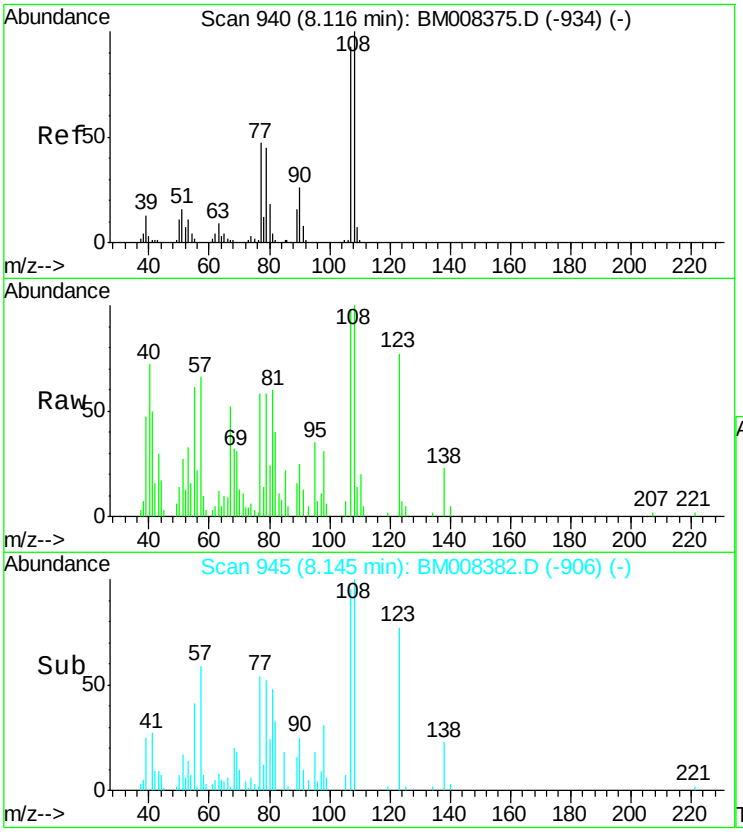
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
Data File : BM008382.D
Acq On : 16 Dec 2016 20:26
Operator : UM/SJ
Sample : H6039-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8S8

Quant Time: Dec 17 02:18:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 02:12:55 2016
Response via : Initial Calibration



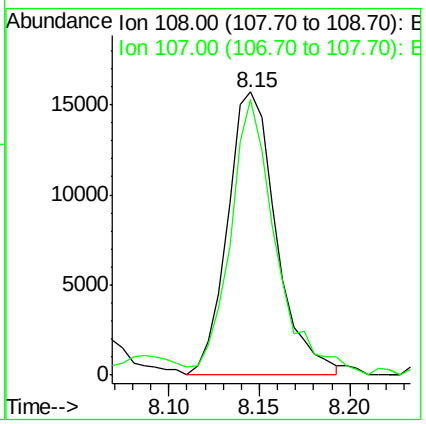


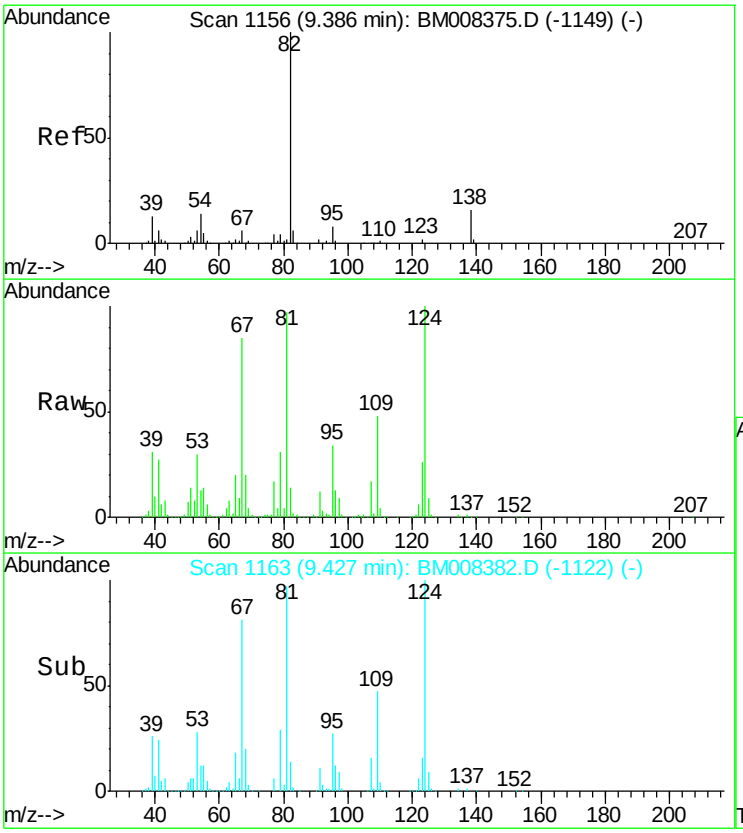
#11
2-Methylphenol
Concen: 4.93 ng/ul
RT: 8.15 min Scan# 945
Delta R.T. 0.03 min
Lab File: BM008382.D
Acq: 16 Dec 2016 20:26

Instrument :
BNA_M
ClientSampleId :
DA8S8

Tgt Ion:108 Resp: 29385

Ion	Ratio	Lower	Upper
108	100		
107	97.6	70.8	106.2

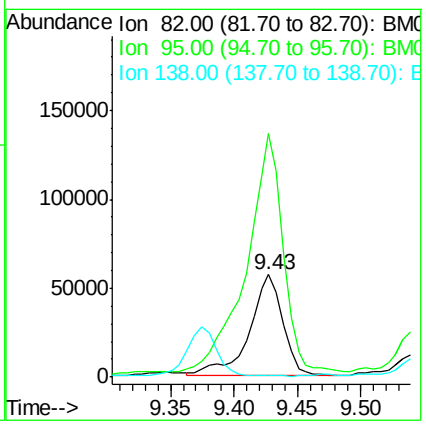


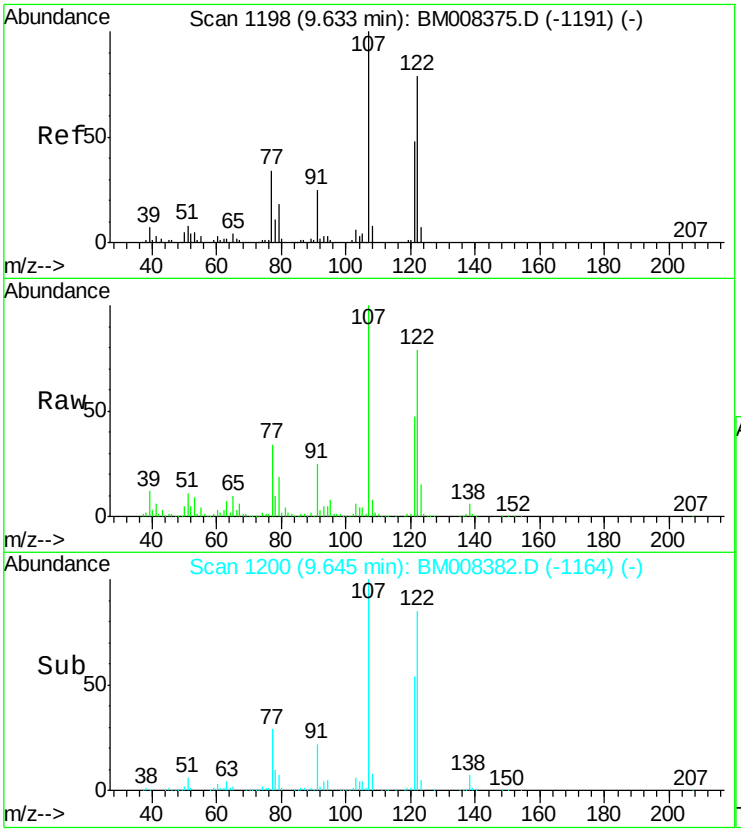


#21
Isophorone
Concen: 7.57 ng/ul
RT: 9.43 min Scan# 1163
Delta R.T. 0.04 min
Lab File: BM008382.D
Acq: 16 Dec 2016 20:26

Tgt Ion: 82 Resp: 104292

Ion	Ratio	Lower	Upper
82	100		
95	237.6	6.6	9.8#
138	1.6	13.2	19.8#



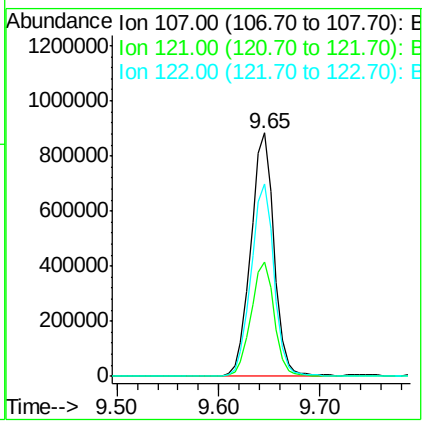


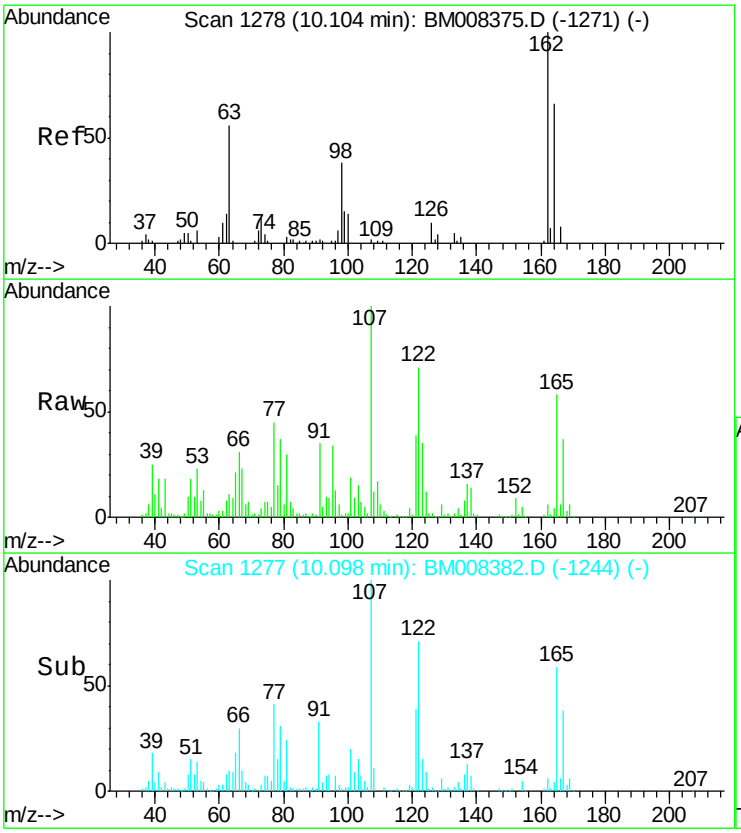
#24
2,4-Dimethylphenol
Concen: 186.46 ng/ul
RT: 9.65 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BM008382.D
Acq: 16 Dec 2016 20:26

Instrument :
BNA_M
ClientSampleId :
DA8S8

Tgt Ion:107 Resp: 1402410

Ion	Ratio	Lower	Upper
107	100		
121	47.1	37.3	55.9
122	78.9	58.2	87.4

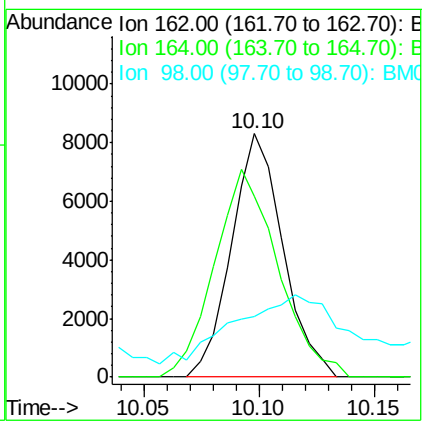


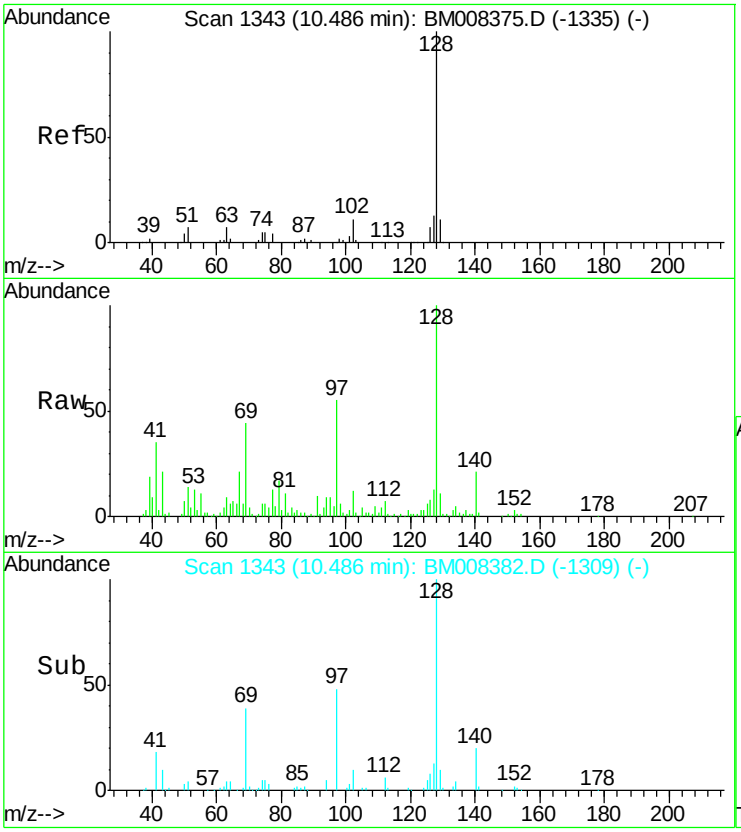


#27
2,4-Dichlorophenol
Concen: 2.12 ng/ul
RT: 10.10 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM008382.D
Acq: 16 Dec 2016 20:26

Tgt Ion:162 Resp: 12918

Ion	Ratio	Lower	Upper
162	100		
164	74.2	50.4	75.6
98	24.7	29.1	43.7#



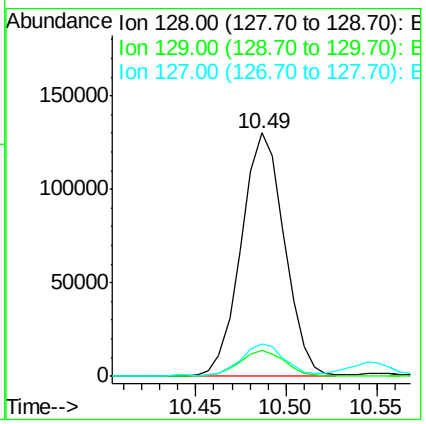


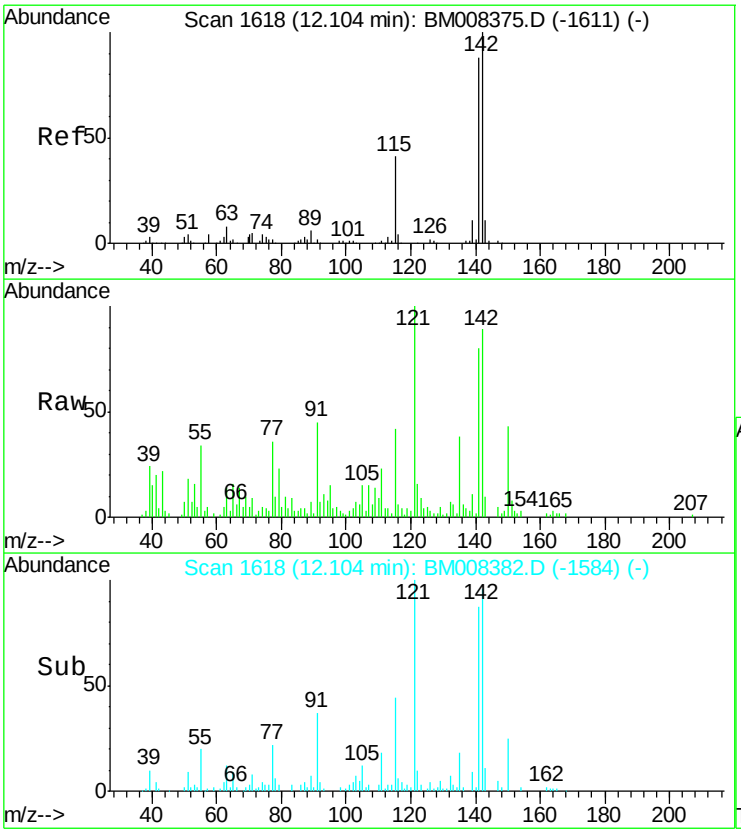
#28
Naphthalene
Concen: 11.12 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM008382.D
Acq: 16 Dec 2016 20:26

Instrument :
BNA_M
ClientSampleId :
DA8S8

Tgt Ion:128 Resp: 216455

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.4	12.6
127	13.1	10.4	15.6

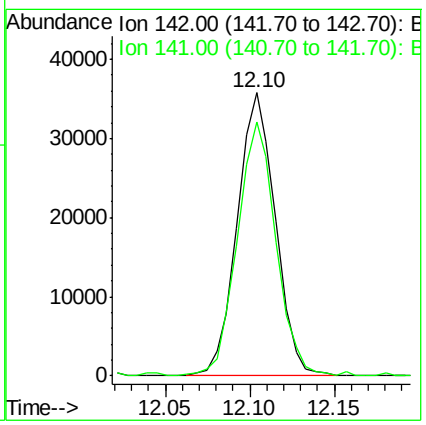


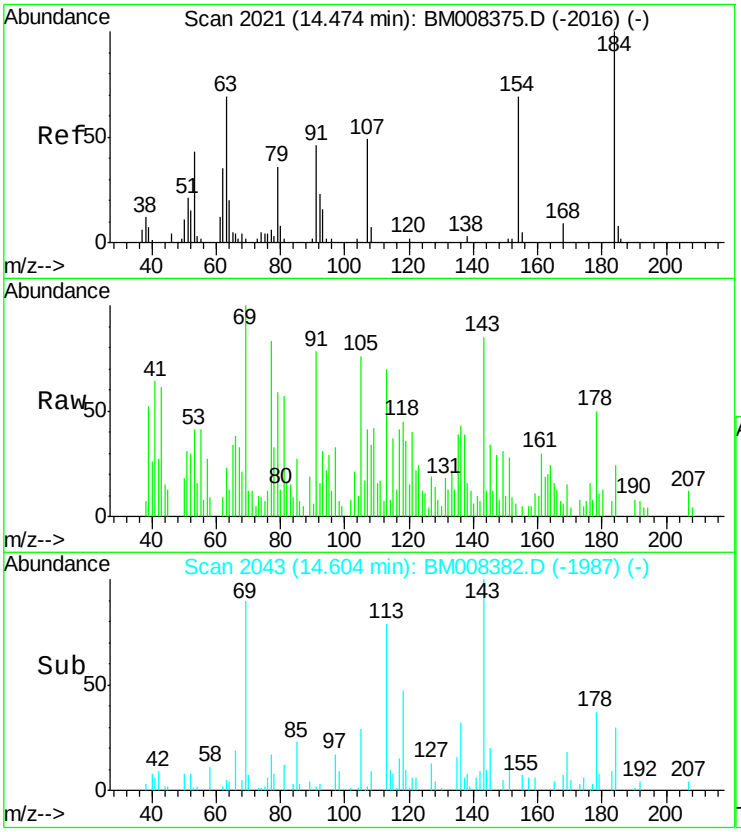


#34
2-Methylnaphthalene
Concen: 3.99 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BM008382.D
Acq: 16 Dec 2016 20:26

Tgt Ion:142 Resp: 56163

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.1	106.7



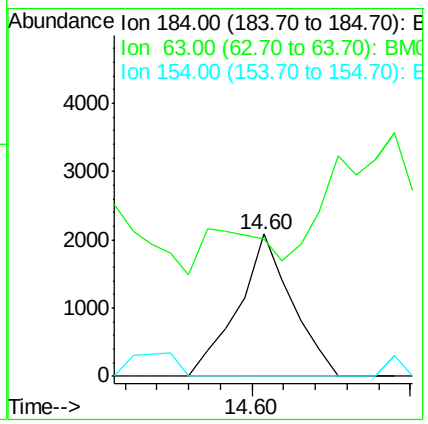


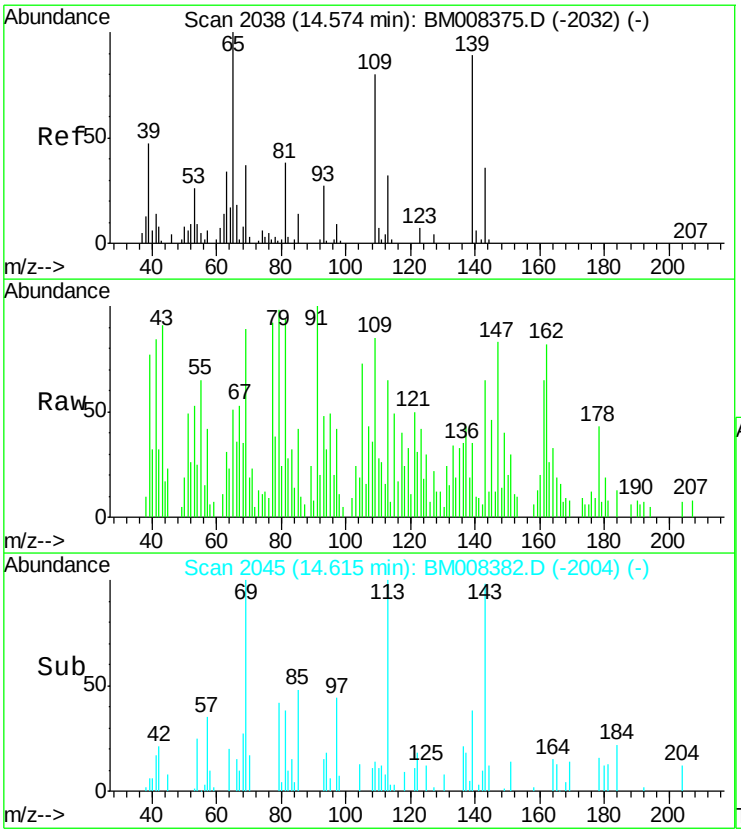
#50
2,4-Dinitrophenol
Concen: 1.16 ng/ul
RT: 14.60 min Scan# 2043
Delta R.T. 0.13 min
Lab File: BM008382.D
Acq: 16 Dec 2016 20:26

Instrument :
BNA_M
ClientSampleId :
DA8S8

Tgt Ion:184 Resp: 2444

Ion	Ratio	Lower	Upper
184	100		
63	96.2	51.9	77.9#
154	0.0	48.5	72.7#





#52
4-Nitrophenol
Concen: 2.17 ng/ul
RT: 14.62 min Scan# 2045
Delta R.T. 0.04 min
Lab File: BM008382.D
Acq: 16 Dec 2016 20:26

Tgt Ion:109 Resp: 5822

Ion	Ratio	Lower	Upper
109	100		
139	40.7	83.3	124.9#
65	59.6	93.0	139.4#