Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
Data File : BM008381.D
Acq On : 16 Dec 2016 19:49
Operator : UM/SJ
Sample : H6039-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8S7

Quant Time: Dec 17 02:18:42 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	107937	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	425899	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	294569	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	586740	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	740462	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	736839	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	63842	27.83	ng/uL	-0.02
5) Phenol-d5	6.89	99	77118	9.21	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.01	67	168430	35.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	202333	32.11	ng/ul	0.01
13) 4-Methylphenol-d8	8.40	113	140601	21.68	ng/ul	0.02
19) Nitrobenzene-d5	8.83	128	119581	38.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	137305	40.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	242289	38.76	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	18146	2.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	794693	40.58	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	935182	40.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	28915	10.02	ng/ul	0.03
57) Fluorene-d10	15.30	176	674764	39.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	123537	35.37	ng/ul	0.00
70) Anthracene-d10	17.16	188	1082649	42.35	ng/ul	0.00
76) Pyrene-d10	19.46	212	1279959	44.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1291468	41.74	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.15	108	31997	5.03	ng/ul	100
21) Isophorone	9.43	82	101893	7.14	ng/ul#	1
24) 2,4-Dimethylphenol	9.65	107	1316257	168.93	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	11524	1.83	ng/ul#	85
28) Naphthalene	10.49	128	204144	10.13	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	49710	3.41	ng/ul	98
45) 2,6-Dinitrotoluene	13.91	165	3830	1.02	ng/ul#	23

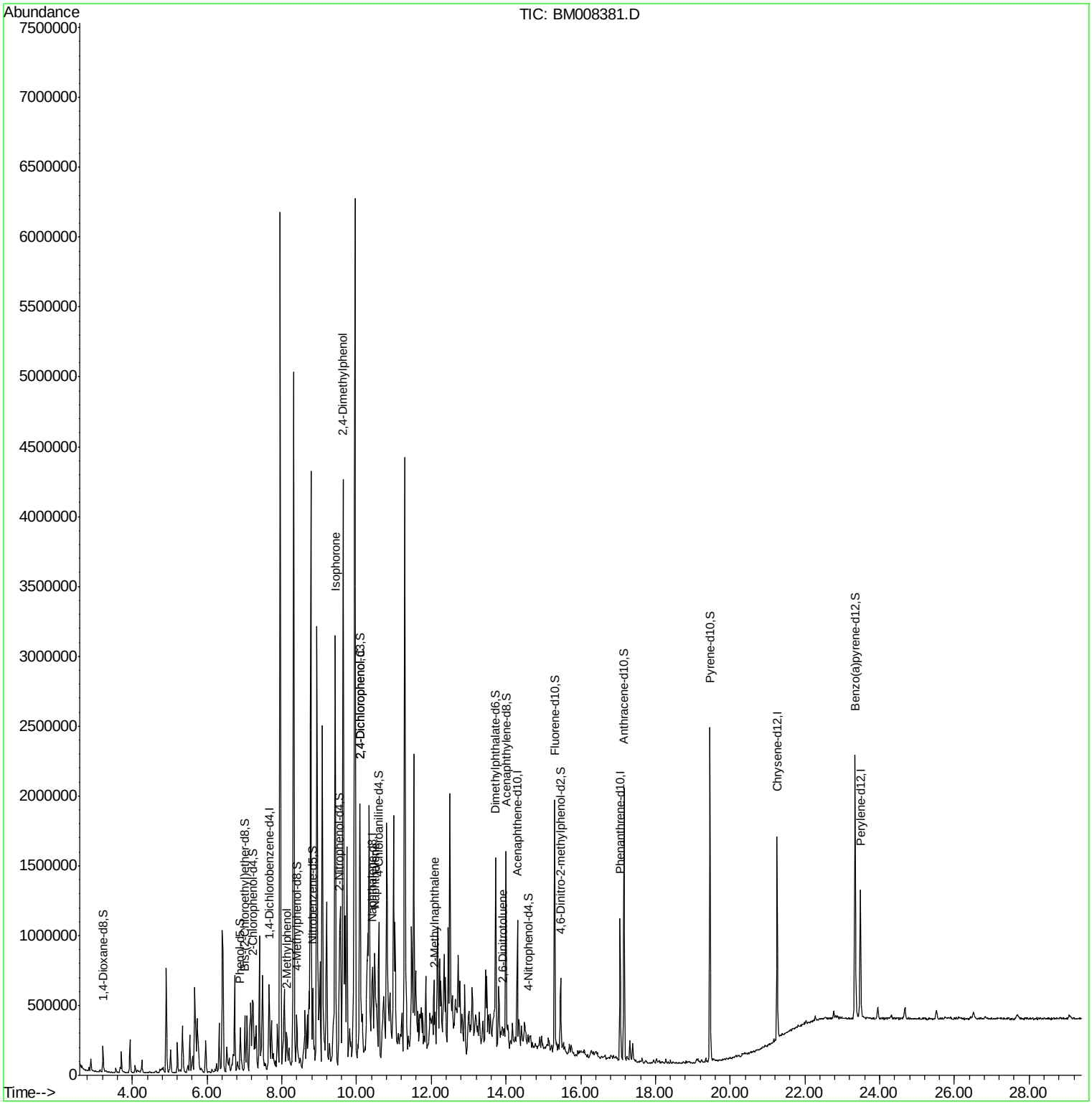
(#) = qualifier out of range (m) = manual integration (+) = signals summed

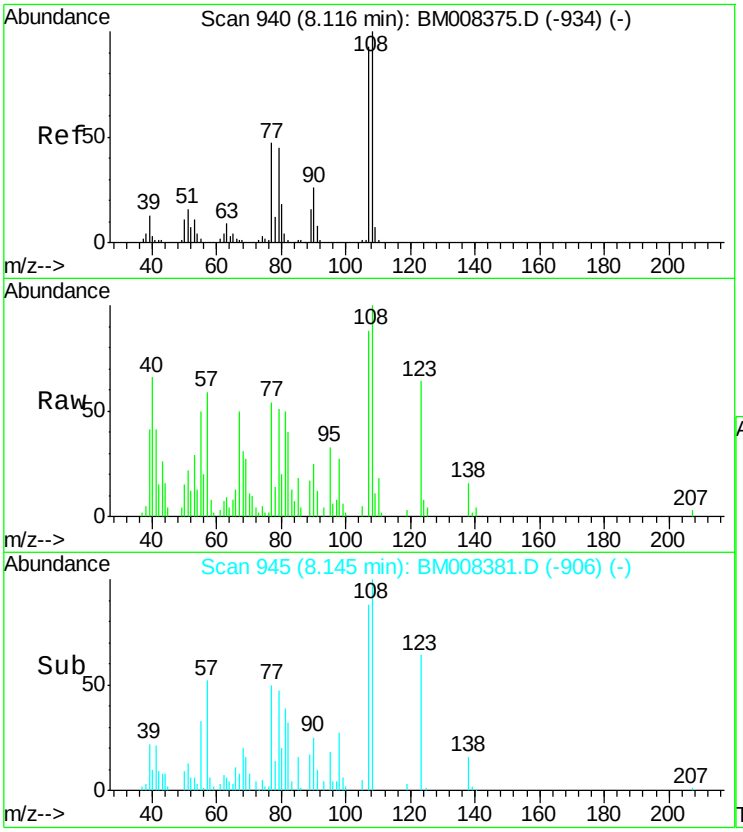
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
Data File : BM008381.D
Acq On : 16 Dec 2016 19:49
Operator : UM/SJ
Sample : H6039-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8S7

Quant Time: Dec 17 02:18:42 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



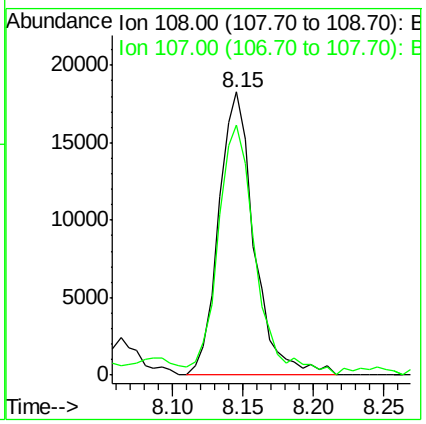


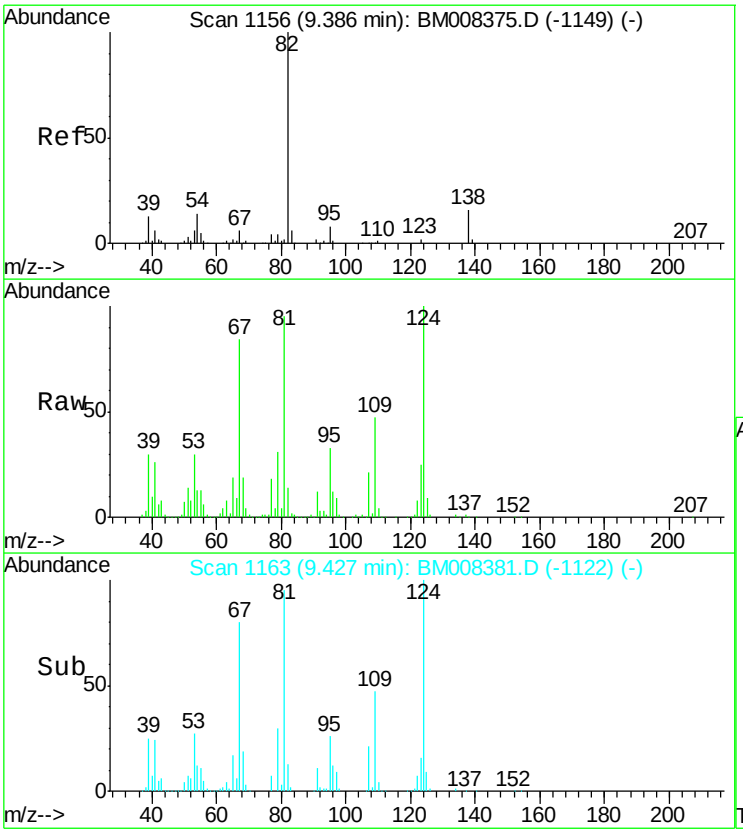
#11
2-Methylphenol
Concen: 5.03 ng/ul
RT: 8.15 min Scan# 945
Delta R.T. 0.03 min
Lab File: BM008381.D
Acq: 16 Dec 2016 19:49

Instrument :
BNA_M
ClientSampleId :
DA8S7

Tgt Ion:108 Resp: 31997

Ion	Ratio	Lower	Upper
108	100		
107	88.4	70.8	106.2

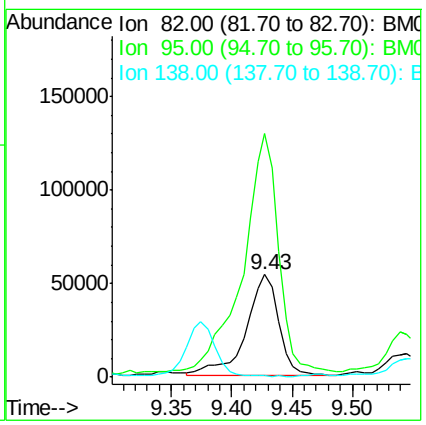


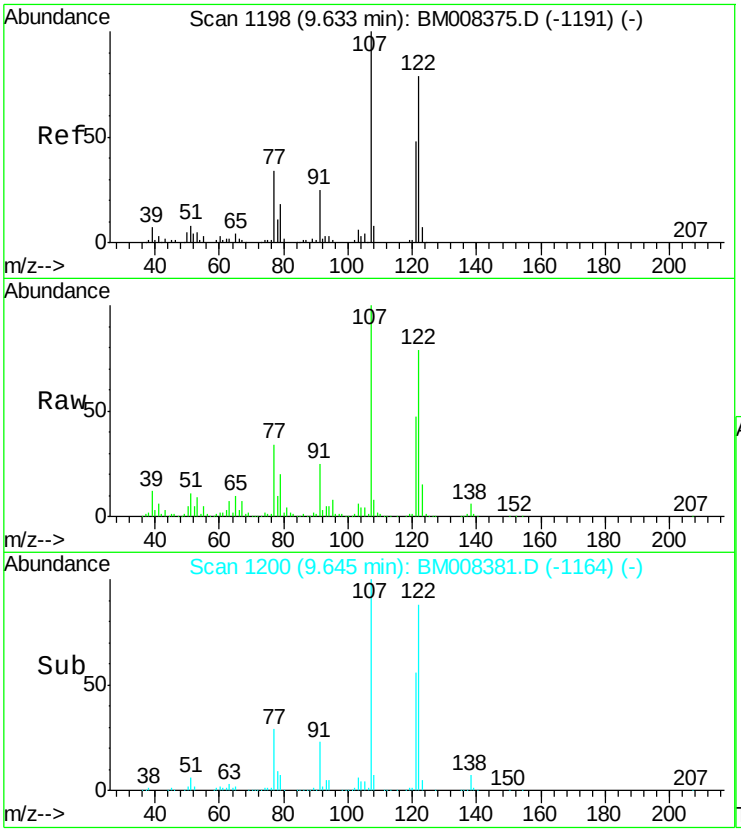


#21
Isophorone
Concen: 7.14 ng/ul
RT: 9.43 min Scan# 1163
Delta R.T. 0.04 min
Lab File: BM008381.D
Acq: 16 Dec 2016 19:49

Tgt Ion: 82 Resp: 101893

Ion	Ratio	Lower	Upper
82	100		
95	237.9	6.6	9.8#
138	1.4	13.2	19.8#



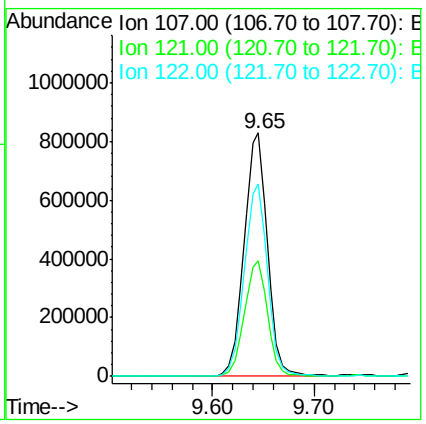


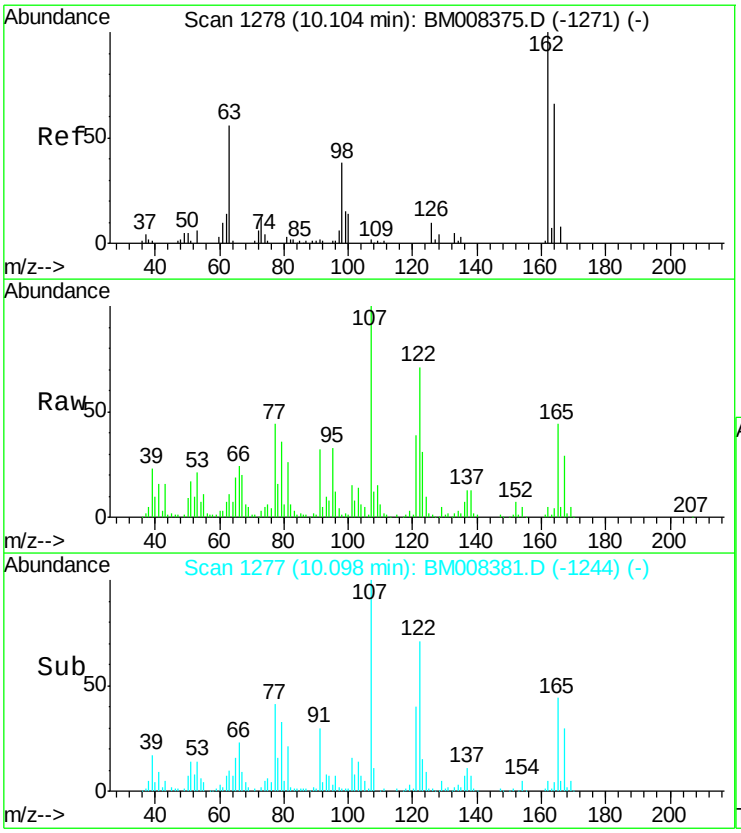
#24
2,4-Dimethylphenol
Concen: 168.93 ng/ul
RT: 9.65 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BM008381.D
Acq: 16 Dec 2016 19:49

Instrument :
BNA_M
ClientSampleId :
DA8S7

Tgt Ion:107 Resp: 1316257

Ion	Ratio	Lower	Upper
107	100		
121	47.4	37.3	55.9
122	78.9	58.2	87.4

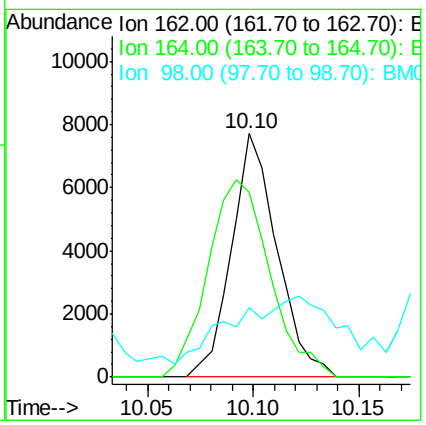


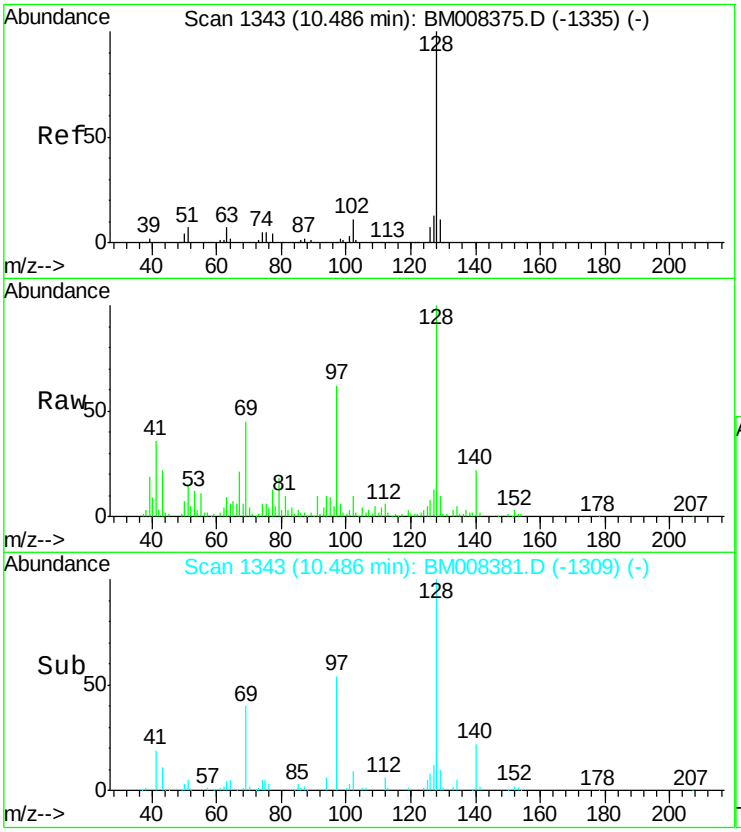


#27
2,4-Dichlorophenol
Concen: 1.83 ng/ul
RT: 10.10 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM008381.D
Acq: 16 Dec 2016 19:49

Tgt Ion:162 Resp: 11524

Ion	Ratio	Lower	Upper
162	100		
164	75.6	50.4	75.6#
98	28.8	29.1	43.7#



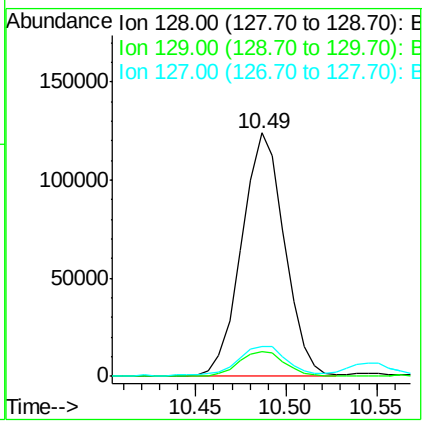


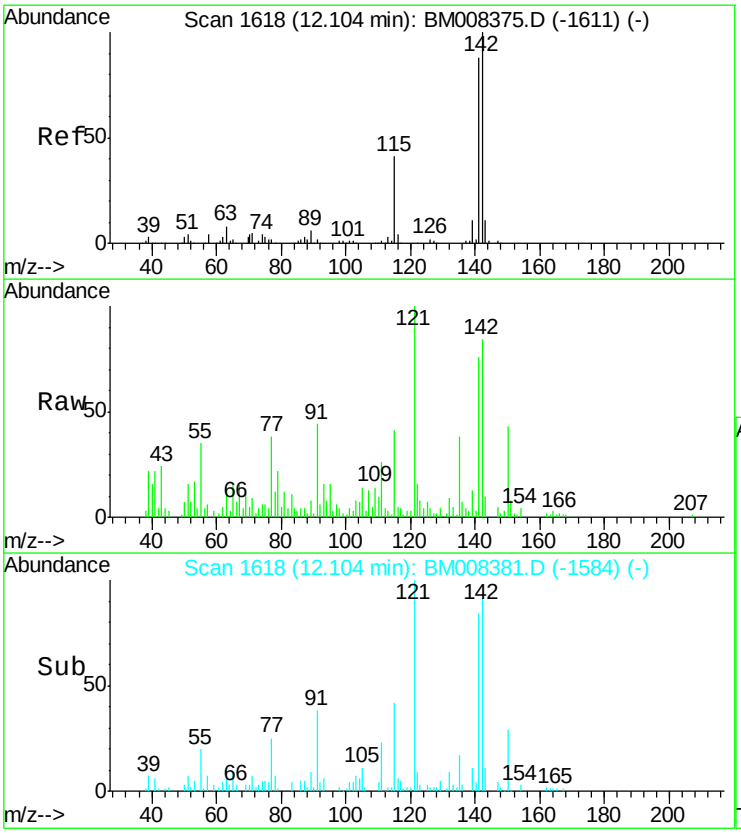
#28
Naphthalene
Concen: 10.13 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM008381.D
Acq: 16 Dec 2016 19:49

Instrument :
BNA_M
ClientSampleId :
DA8S7

Tgt Ion:128 Resp: 204144

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.4	12.6
127	12.5	10.4	15.6

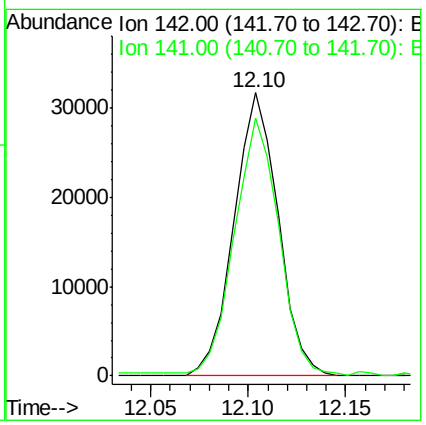


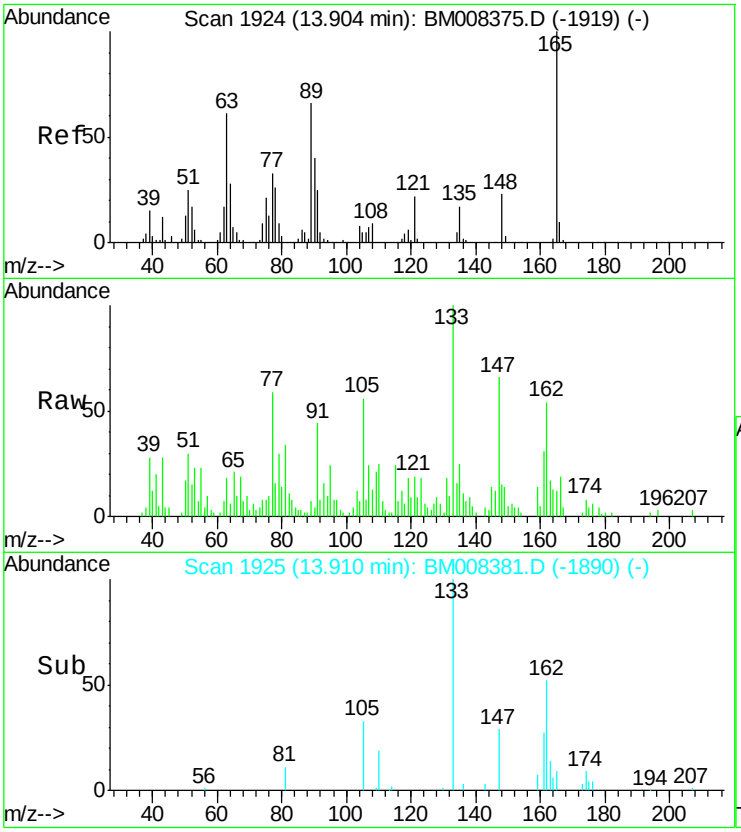


#34
2-Methylnaphthalene
Concen: 3.41 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BM008381.D
Acq: 16 Dec 2016 19:49

Tgt Ion:142 Resp: 49710

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.1	106.7





#45
2,6-Dinitrotoluene
Concen: 1.02 ng/ul
RT: 13.91 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BM008381.D
Acq: 16 Dec 2016 19:49

Instrument :
BNA_M
ClientSampleId :
DA8S7

Tgt Ion:165 Resp: 3830

Ion	Ratio	Lower	Upper
165	100		
89	62.3	52.0	78.0
121	161.0	18.6	27.8#