Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008385.D
Acq On : 16 Dec 2016 22:14
Operator : UM/SJ
Sample : H6039-15MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8S9MSD

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Quant Time: Dec 17 03:18:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
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	100242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	392094	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	259396	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	527296	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	664976	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	687277	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3588	1.68	ng/uL	0.00
5) Phenol-d5	6.86	99	60767	7.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	161529	36.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	178603	30.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	110684	18.38	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	107222	37.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	120976	38.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	201804	35.07	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	9929m	1.51	ng/ul	0.06
43) Dimethylphthalate-d6	13.72	166	724293	42.00	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	855905	42.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	15706m	6.18	ng/ul	0.04
57) Fluorene-d10	15.30	176	611456	40.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	99596	31.73	ng/ul	0.00
70) Anthracene-d10	17.16	188	1007622	43.86	ng/ul	0.00
76) Pyrene-d10	19.46	212	1205320	46.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1240499	42.98	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	68063	8.43	ng/ul	97
10) 2-Chlorophenol	7.23	128	187810	31.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	199481	39.42	ng/ul	99
33) 4-Chloro-3-methylphenol	11.76	107	208879	33.29	ng/ul	97
49) Acenaphthene	14.37	153	600928	42.16	ng/ul	98
52) 4-Nitrophenol	14.62	109	19259m	7.90	ng/ul	
54) 2,4-Dinitrotoluene	14.71	165	207992	42.19	ng/ul#	75
68) Pentachlorophenol	16.72	266	155177	43.73	ng/ul	95
77) Pyrene	19.49	202	1569576	48.07	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Operator : UM/SJ
Sample : H6039-15MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 17 03:18:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 02:12:55 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA8S9MSD

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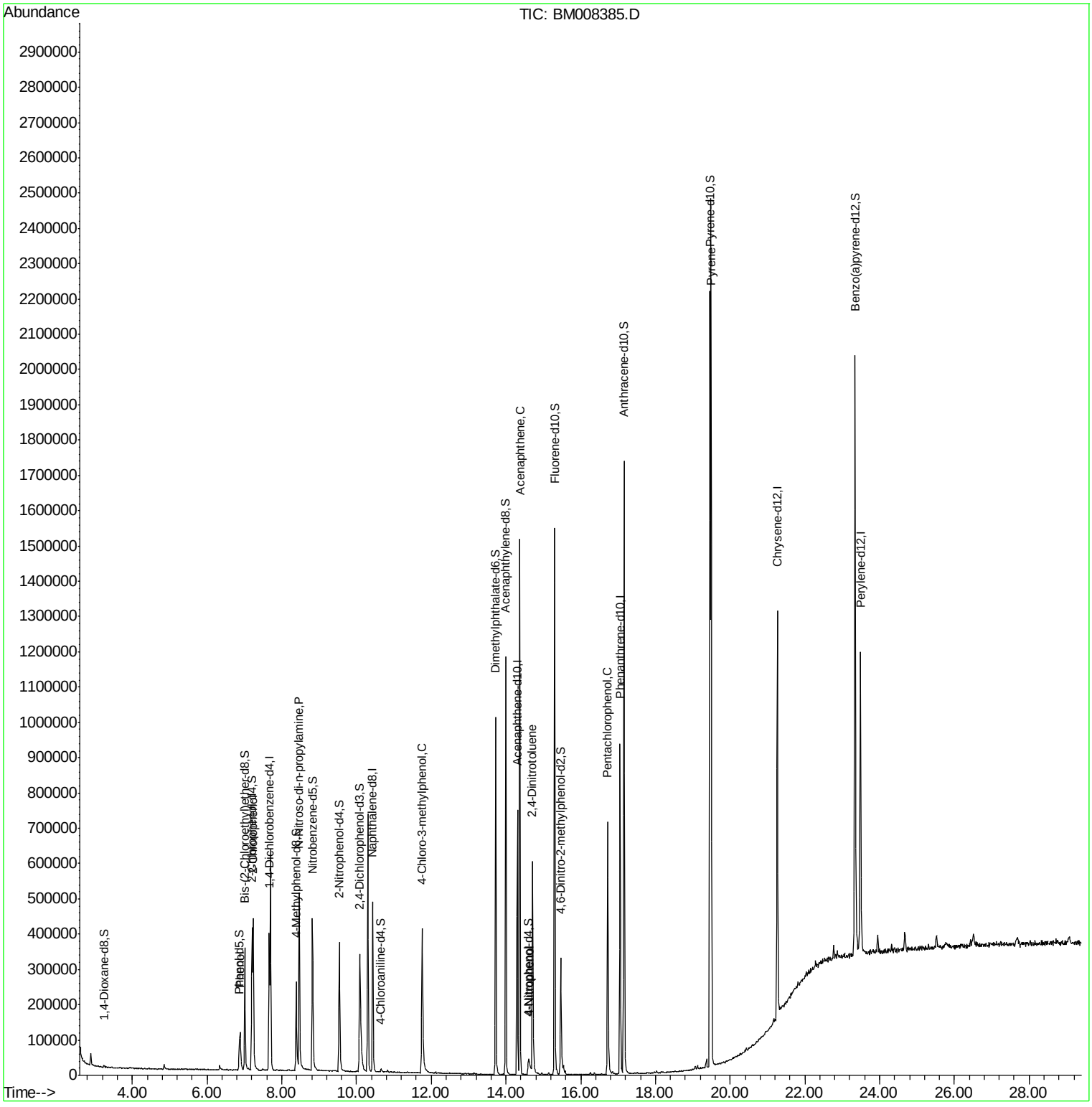
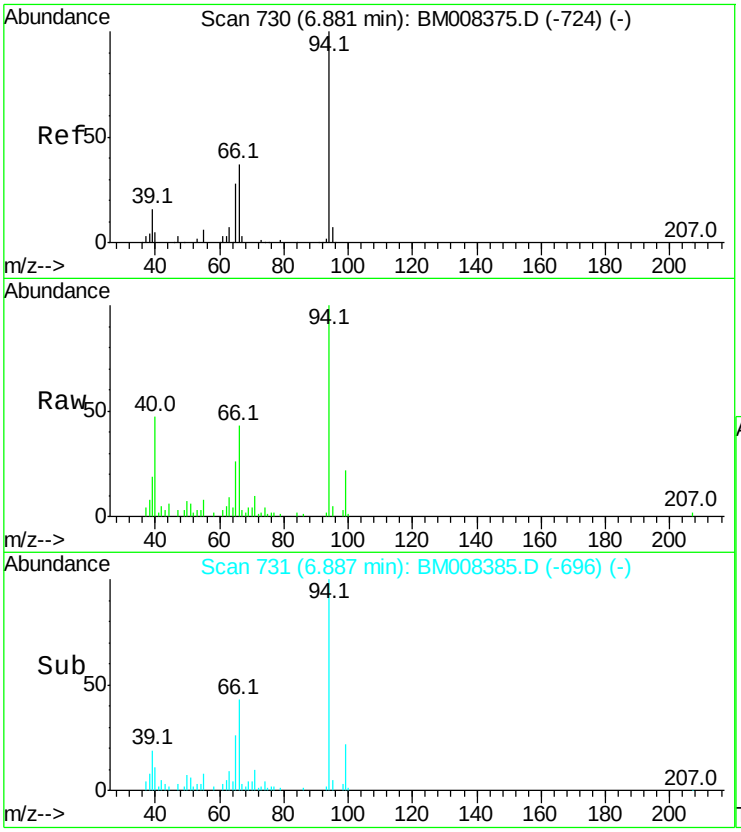
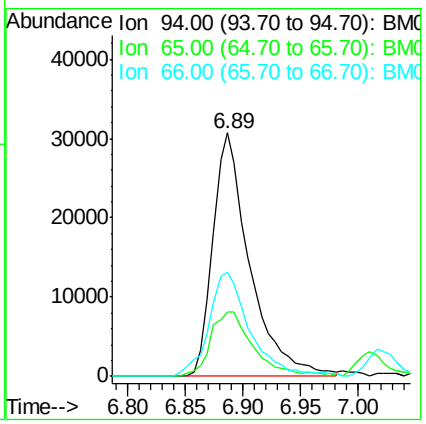




#6
Phenol
Concen: 8.43 ng/ul
RT: 6.89 min Scan# 731
Delta R.T. 0.01 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion: 94 Resp: 68063

Ion	Ratio	Lower	Upper
94	100		
65	26.5	22.6	34.0
66	42.7	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
DA8S9MSD

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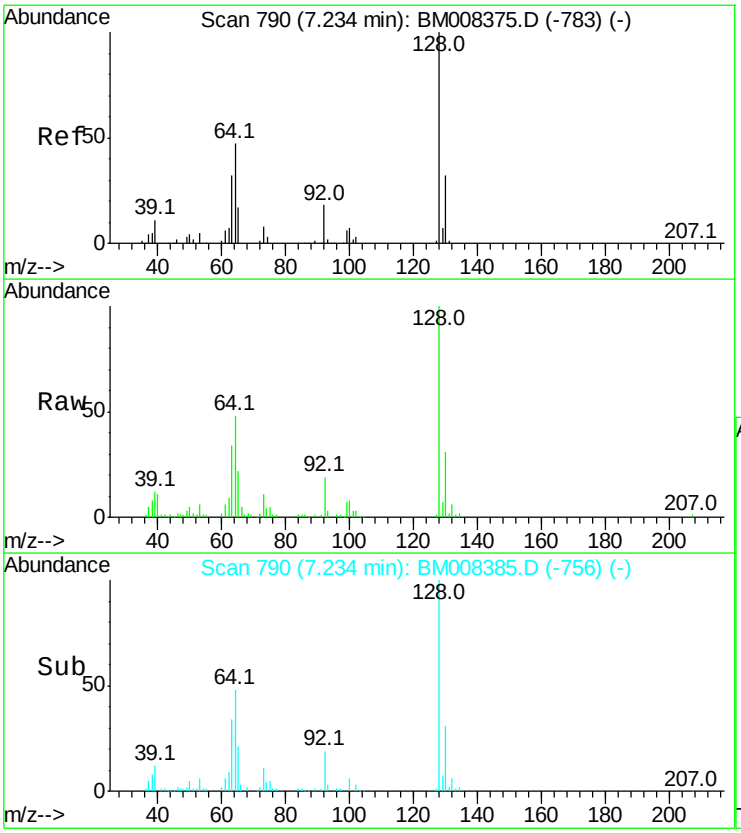
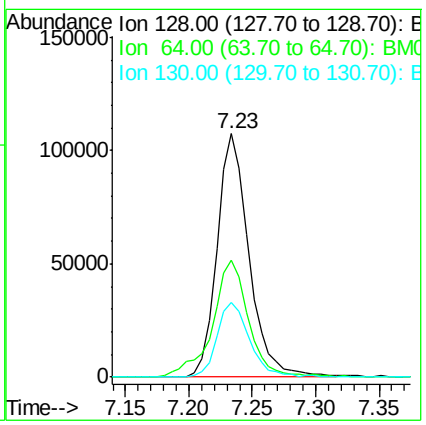
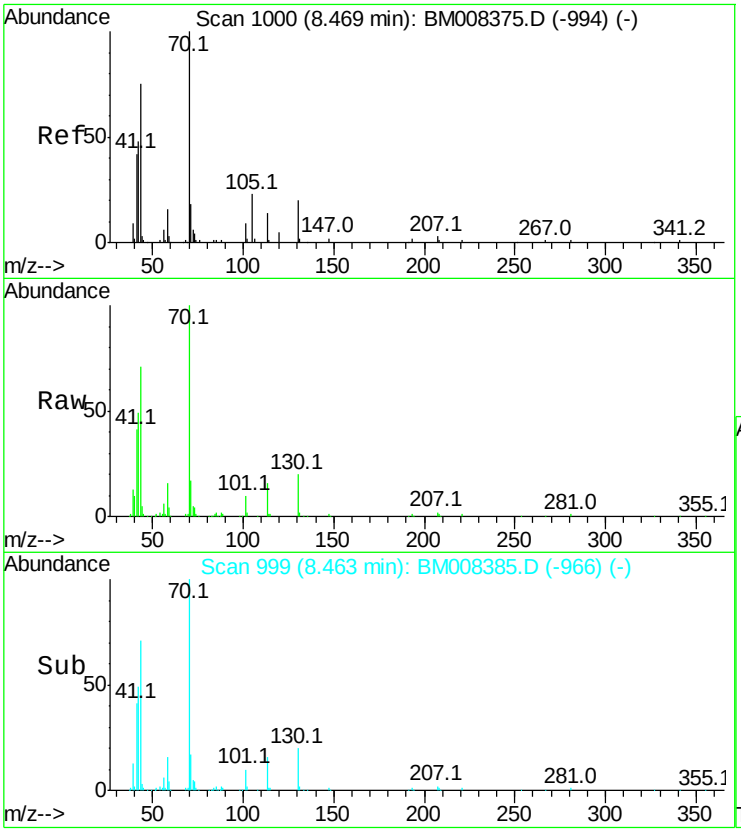


#10
2-Chlorophenol
Concen: 31.78 ng/ul
RT: 7.23 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion:128 Resp: 187810

Ion	Ratio	Lower	Upper
128	100		
64	48.0	40.0	60.0
130	30.9	25.6	38.4

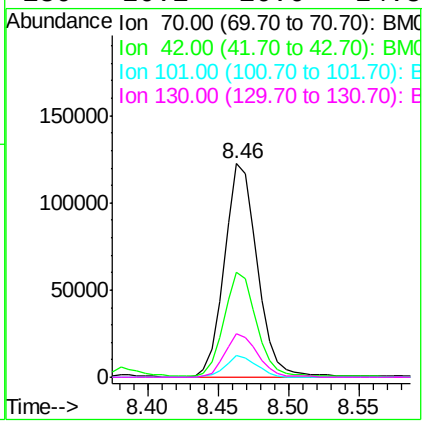




#15
N-Nitroso-di-n-propylamine
Concen: 39.42 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion: 70 Resp: 199481

Ion	Ratio	Lower	Upper
70	100		
42	49.0	38.6	57.8
101	10.1	8.2	12.4
130	20.1	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DA8S9MSD

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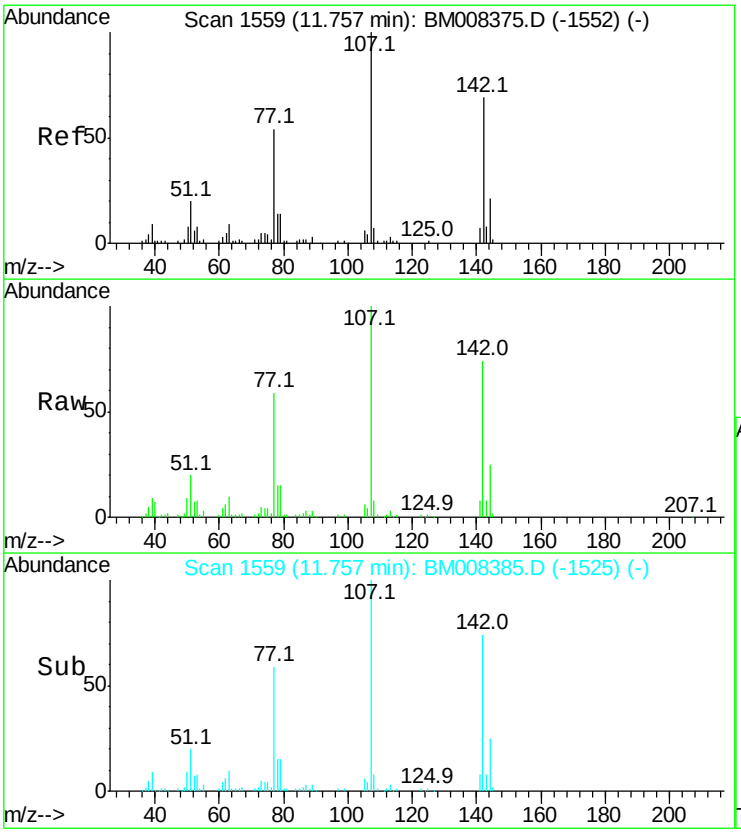
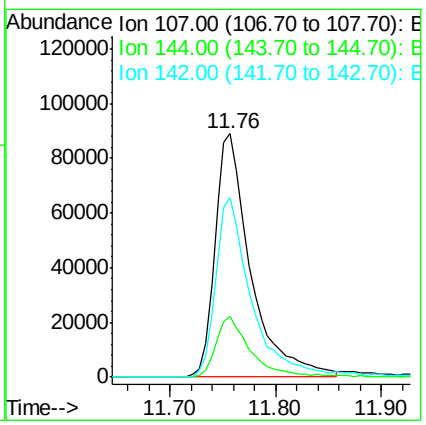
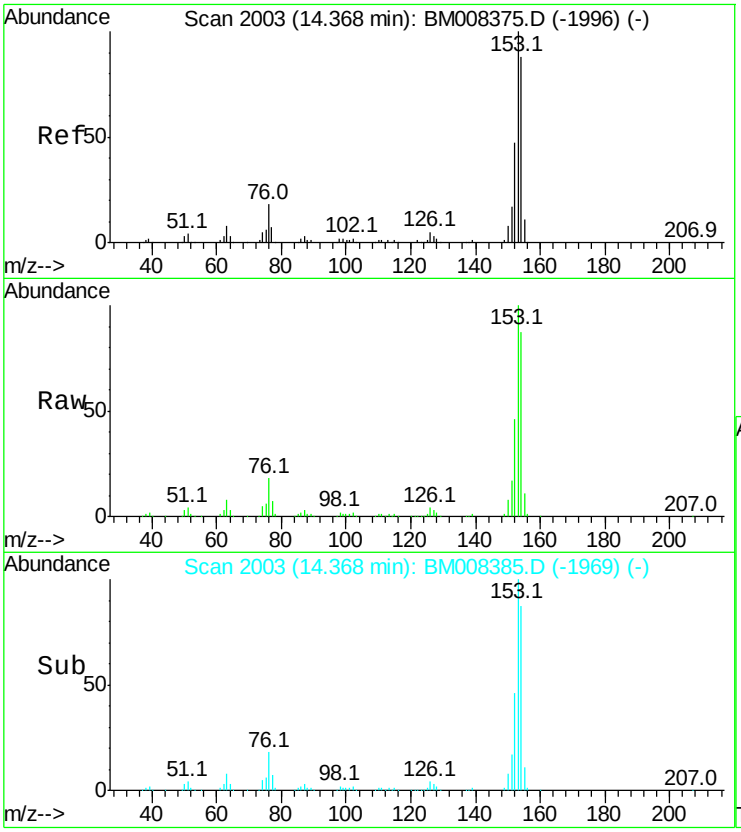


#33
4-Chloro-3-methylphenol
Concen: 33.29 ng/ul
RT: 11.76 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion:107 Resp: 208879

Ion	Ratio	Lower	Upper
107	100		
144	24.8	17.9	26.9
142	73.8	57.0	85.6

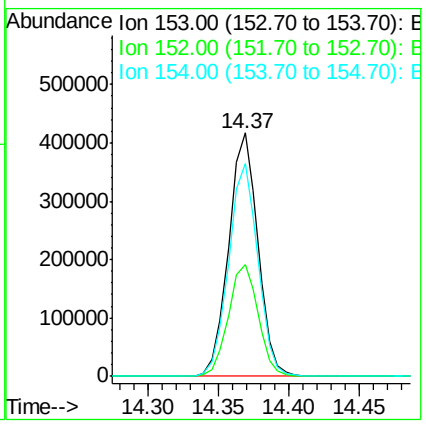




#49
Acenaphthene
Concen: 42.16 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion:153 Resp: 600928

Ion	Ratio	Lower	Upper
153	100		
152	46.2	36.6	54.8
154	87.4	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA8S9MSD

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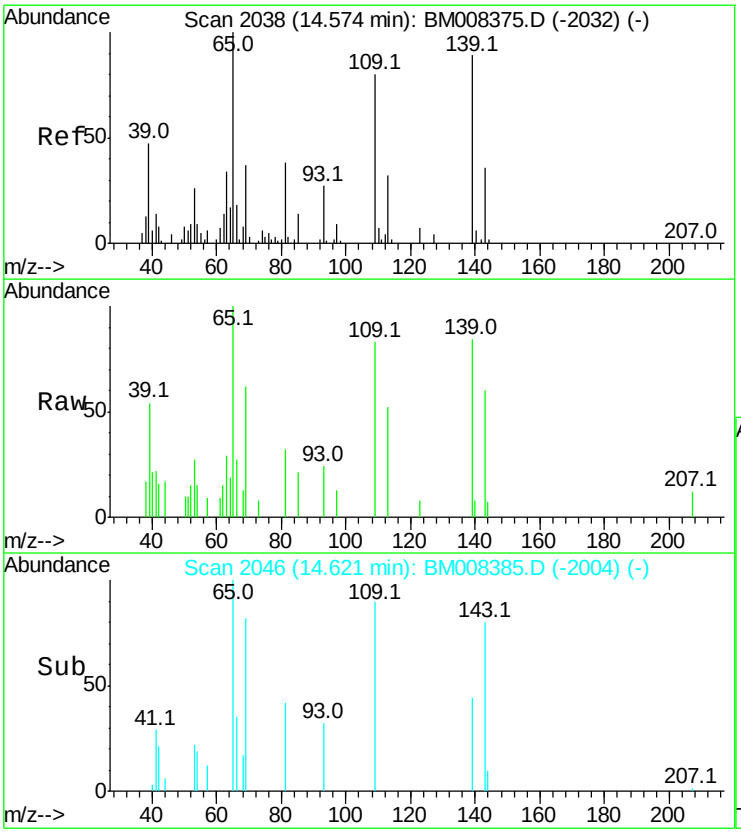
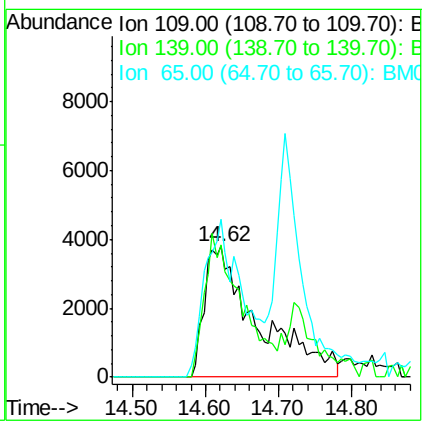
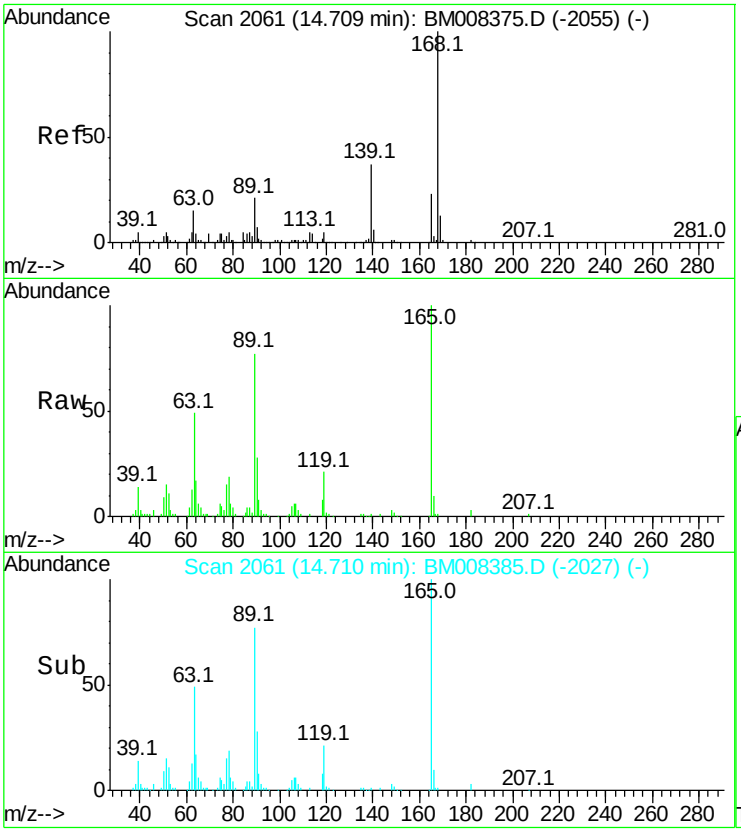


#52
4-Nitrophenol
Concen: 7.90 ng/ul m
RT: 14.62 min Scan# 2046
Delta R.T. 0.05 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion:109 Resp: 19259

Ion	Ratio	Lower	Upper
109	100		
139	101.1	83.3	124.9
65	121.0	93.0	139.4

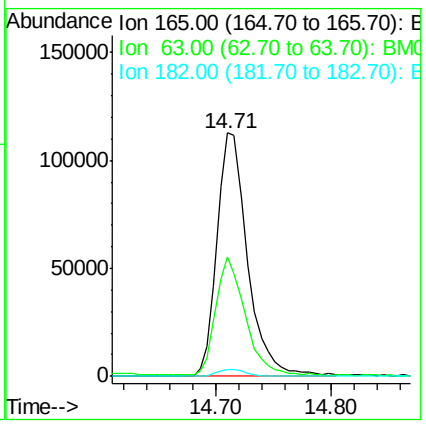




#54
2,4-Dinitrotoluene
Concen: 42.19 ng/ul
RT: 14.71 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion:165 Resp: 207992

Ion	Ratio	Lower	Upper
165	100		
63	49.3	56.8	85.2#
182	3.0	2.3	3.5



Instrument :
BNA_M
ClientSampleId :
DA8S9MSD

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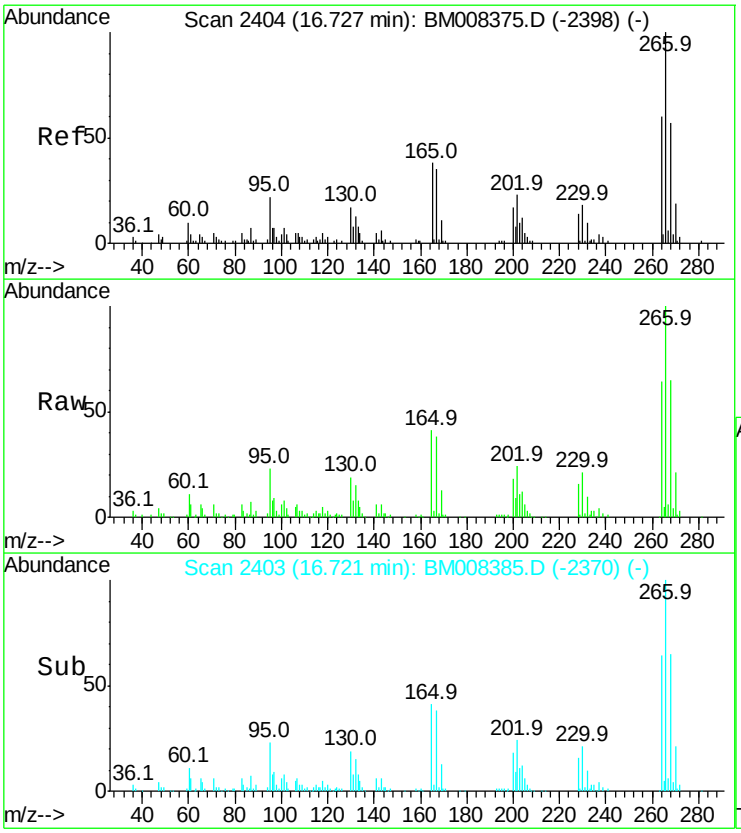
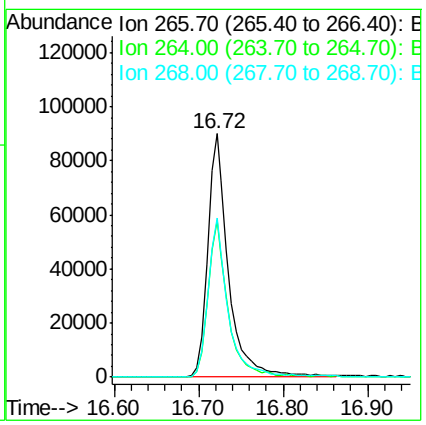
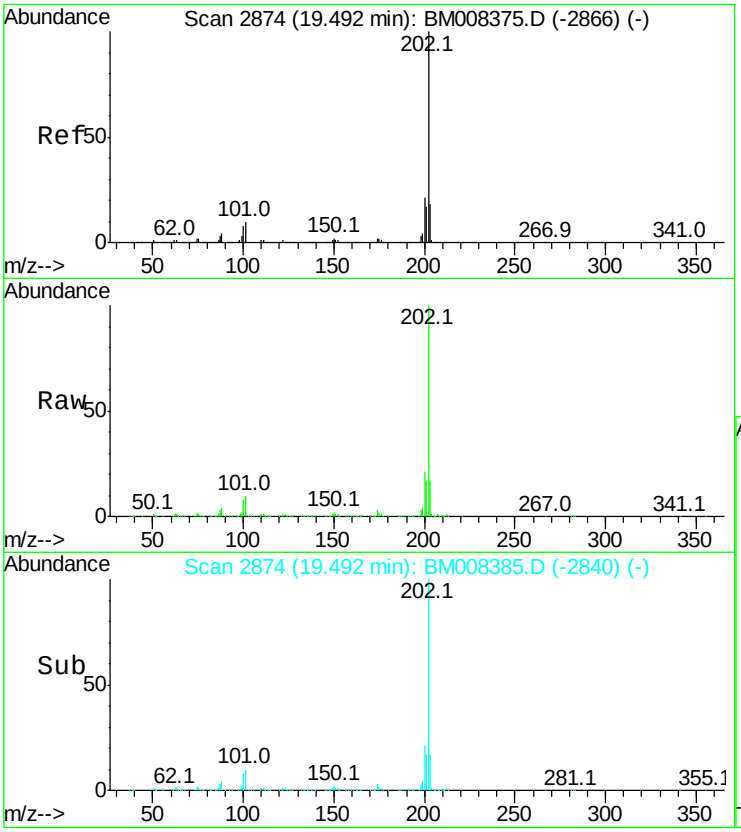


#68
Pentachlorophenol
Concen: 43.73 ng/ul
RT: 16.72 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion:266 Resp: 155177

Ion	Ratio	Lower	Upper
266	100		
264	64.3	47.9	71.9
268	65.2	49.0	73.6

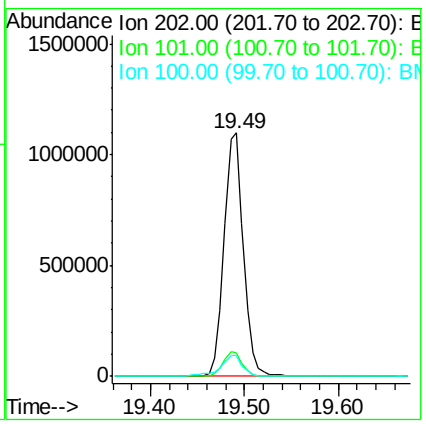




#77
Pyrene
Concen: 48.07 ng/ul
RT: 19.49 min Scan# 2874
Delta R.T. 0.00 min
Lab File: BM008385.D
Acq: 16 Dec 2016 22:14

Tgt Ion:202 Resp: 1569576

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.2	12.4
100	8.4	7.0	10.6



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