Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003628.D
Acq On : 19 Dec 2015 20:08
Operator : UM/SJ
Sample : G4801-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C69

Quant Time: Dec 20 01:40:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	42693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	197770	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	124798	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	284931	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	345122	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	340611	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	4493	5.67	ng/uL	0.00
5) Phenol-d5	6.87	99	97233	27.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	68076	35.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	87637	29.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	84843	27.22	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	46694	32.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	49982	30.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	86608	29.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	165589	42.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	290609	28.18	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	356884	30.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	56083	27.91	ng/ul	0.00
58) Fluorene-d10	15.35	176	255490	29.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	32563	20.28	ng/ul	0.00
71) Anthracene-d10	17.20	188	405272	31.26	ng/ul	0.00
79) Pyrene-d10	19.50	212	467573	31.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	531722	31.43	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.84	77	7169	3.45	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.46	70	14061	5.96	ng/ul#	64
17) Hexachloroethane	8.80	117	37710	32.48	ng/ul#	7
20) Nitrobenzene	8.89	77	8108	2.45	ng/ul#	36
21) Isophorone	9.41	82	33525	5.07	ng/ul#	1
23) 2-Nitrophenol	9.62	139	4949	2.76	ng/ul#	1
24) 2,4-Dimethylphenol	9.70	107	6420	1.75	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	9.90	93	5136	1.29	ng/ul#	1
28) Naphthalene	10.54	128	159151	15.62	ng/ul	96
32) Caprolactam	11.42	113	2859	2.50	ng/ul#	1
34) 2-Methylnaphthalene	12.16	142	217858	28.63	ng/ul	100
35) 1-Methylnaphthalene	12.38	142	135701	18.77	ng/ul	99
45) Dimethylphthalate	13.81	163	128239	12.15	ng/ul	99
50) Acenaphthene	14.42	153	8601	1.00	ng/ul	90
59) Fluorene	15.40	166	12897	1.31	ng/ul#	89
65) N-Nitrosodiphenylamine	15.62	169	15368	1.84	ng/ul#	46
70) Phenanthrene	17.14	178	48281	3.06	ng/ul	98
72) Anthracene	17.14	178	48413	3.01	ng/ul	97

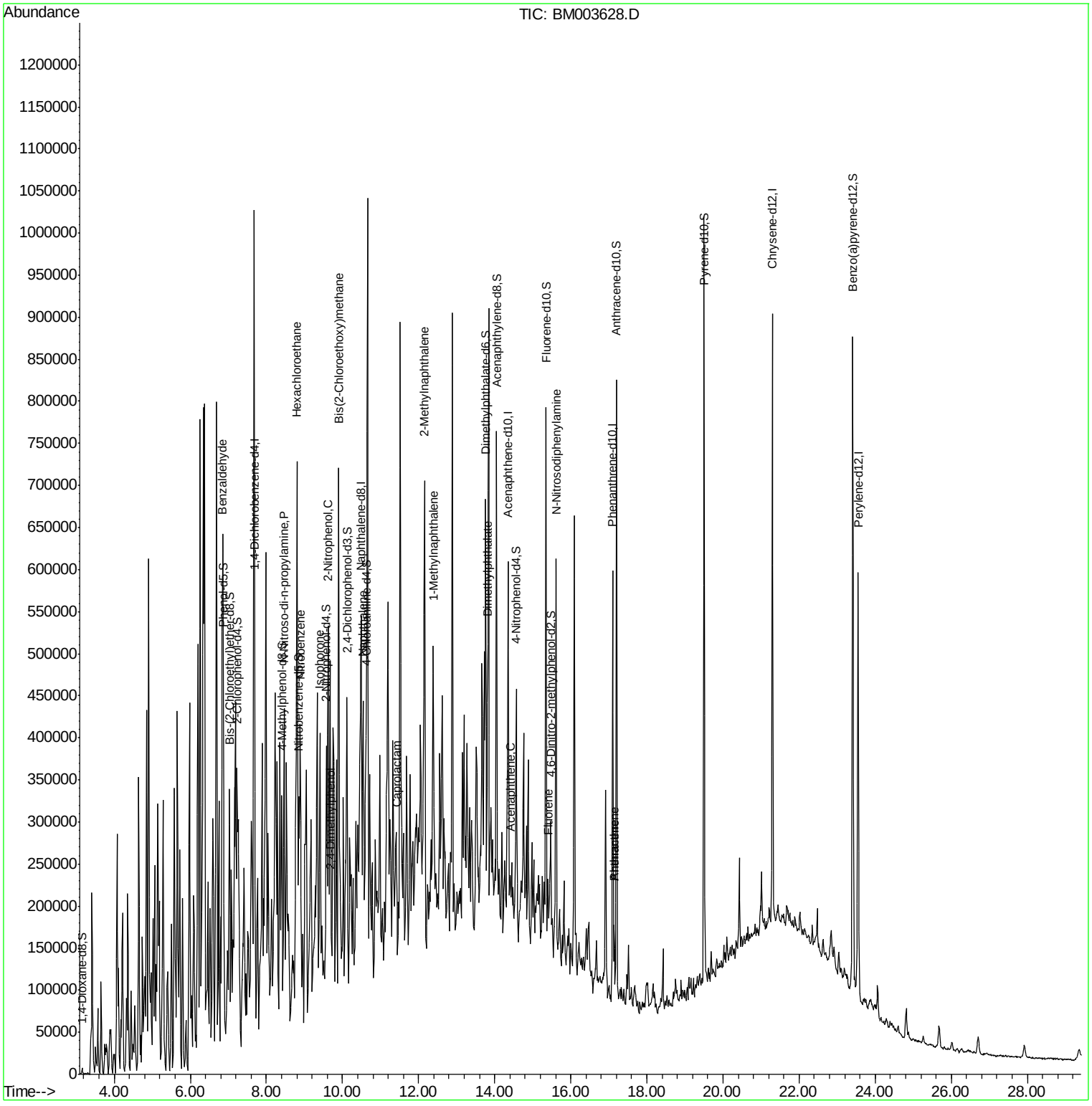
(#) = qualifier out of range (m) = manual integration (+) = signals summed

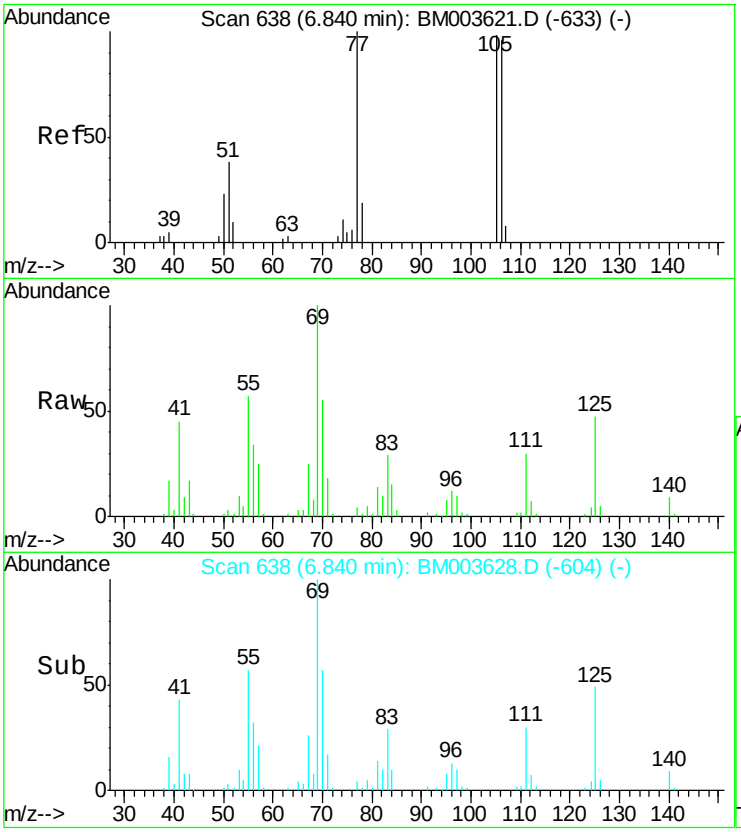
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003628.D
Acq On : 19 Dec 2015 20:08
Operator : UM/SJ
Sample : G4801-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9C69

Quant Time: Dec 20 01:40:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration



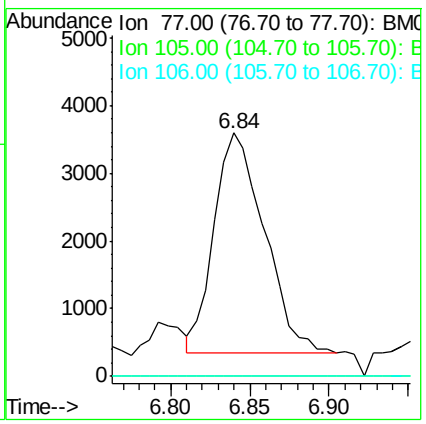


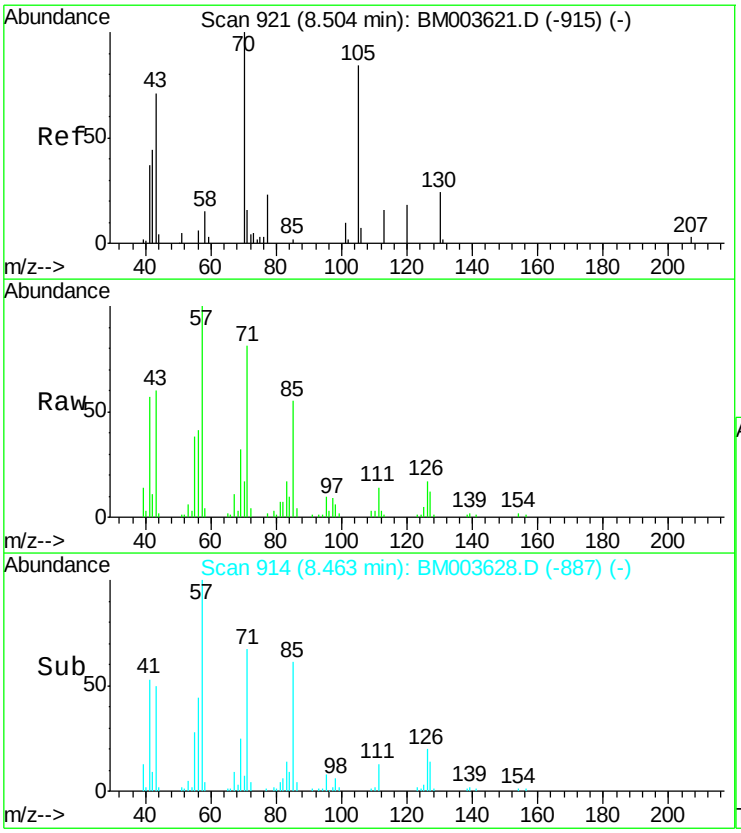
#4
Benzaldehyde
Concen: 3.45 ng/ul
RT: 6.84 min Scan# 638
Delta R.T. -0.00 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Instrument :
BNA_M
ClientSampleId :
G9C69

Tgt Ion: 77 Resp: 7169

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.6	120.8#
106	0.0	77.7	116.5#

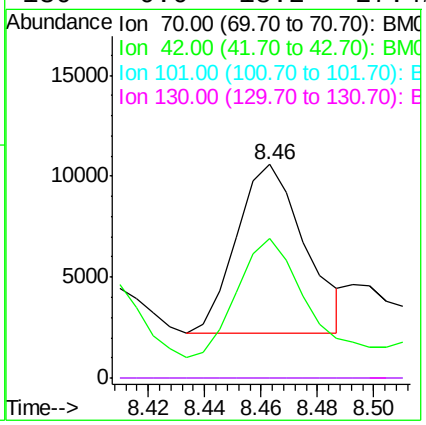


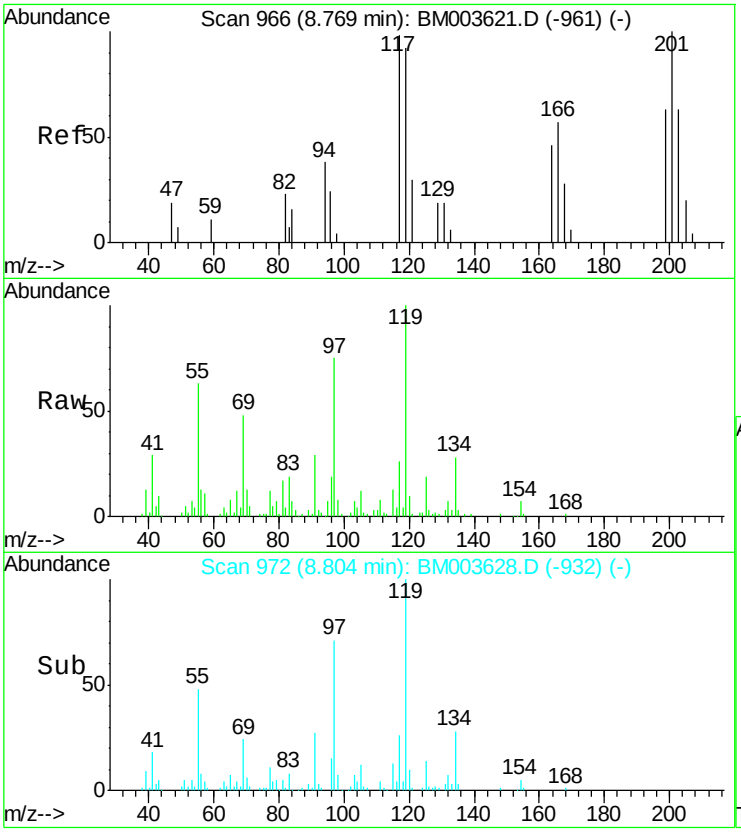


#15
N-Nitroso-di-n-propylamine
Concen: 5.96 ng/ul
RT: 8.46 min Scan# 914
Delta R.T. -0.04 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Tgt Ion: 70 Resp: 14061

Ion	Ratio	Lower	Upper
70	100		
42	65.0	35.4	53.0#
101	0.0	8.4	12.6#
130	0.0	18.2	27.4#



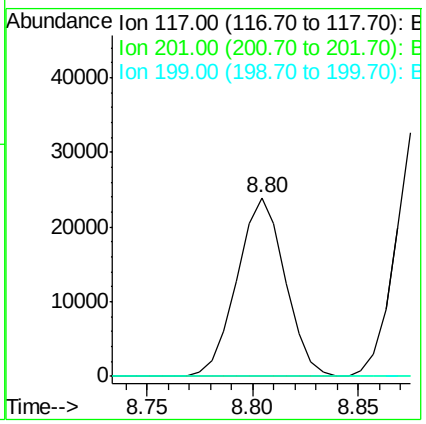


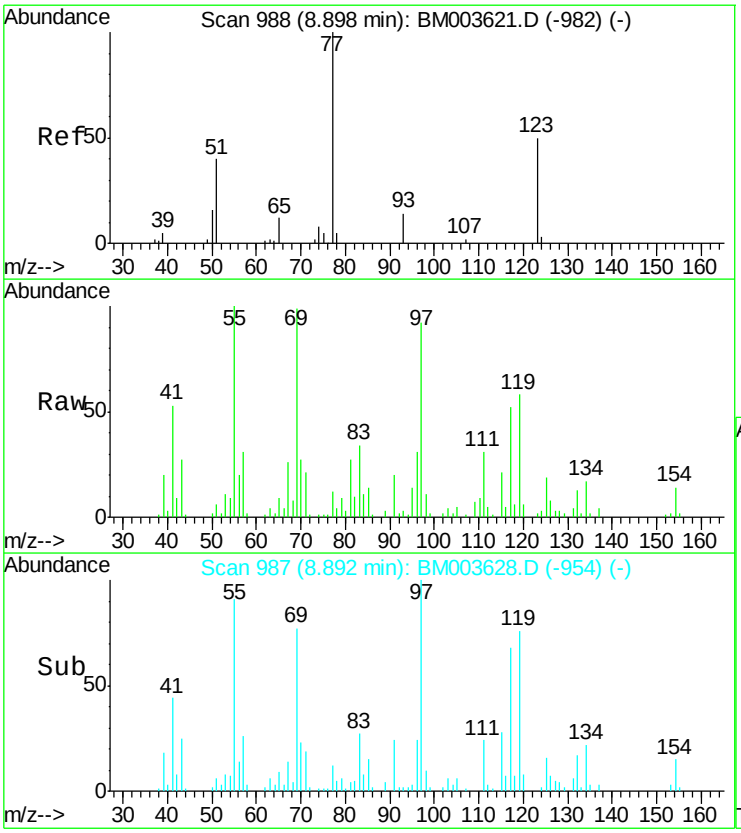
#17
Hexachloroethane
Concen: 32.48 ng/ul
RT: 8.80 min Scan# 972
Delta R.T. 0.04 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Instrument :
BNA_M
ClientSampleId :
G9C69

Tgt Ion:117 Resp: 37710

Ion	Ratio	Lower	Upper
117	100		
201	0.0	81.5	122.3#
199	0.0	50.6	76.0#

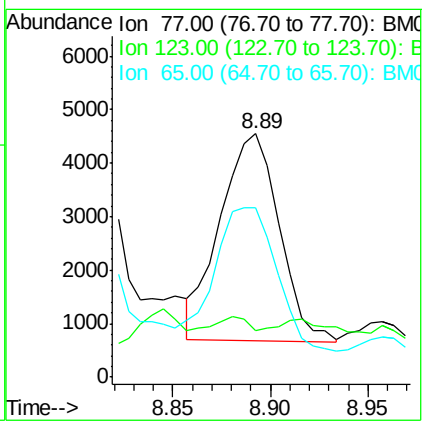


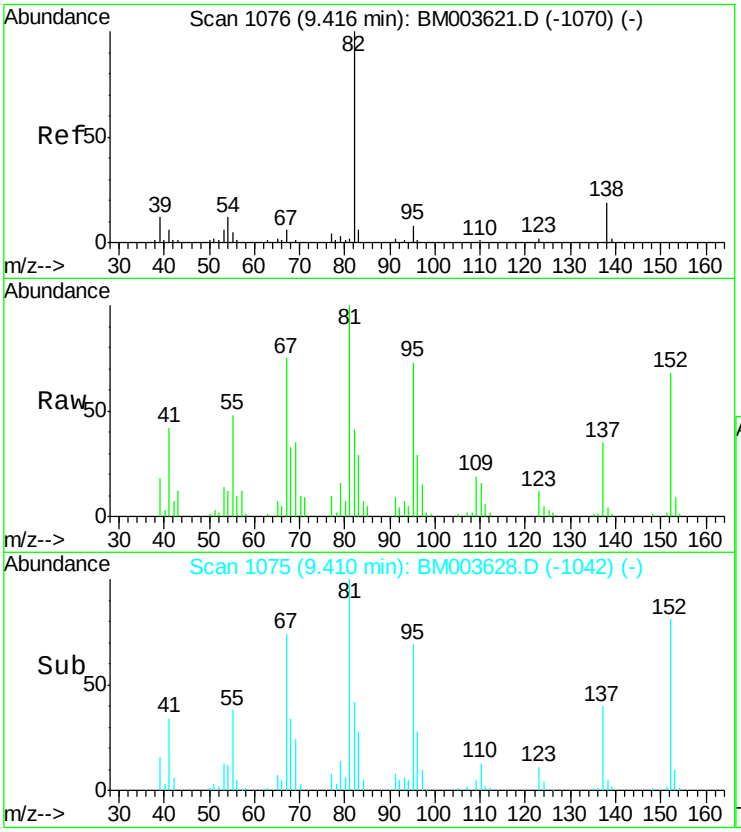


#20
Nitrobenzene
Concen: 2.45 ng/ul
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Tgt Ion: 77 Resp: 8108

Ion	Ratio	Lower	Upper
77	100		
123	19.1	39.0	58.4#
65	69.7	10.4	15.6#



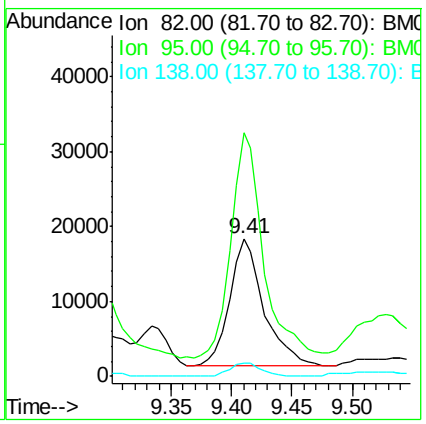


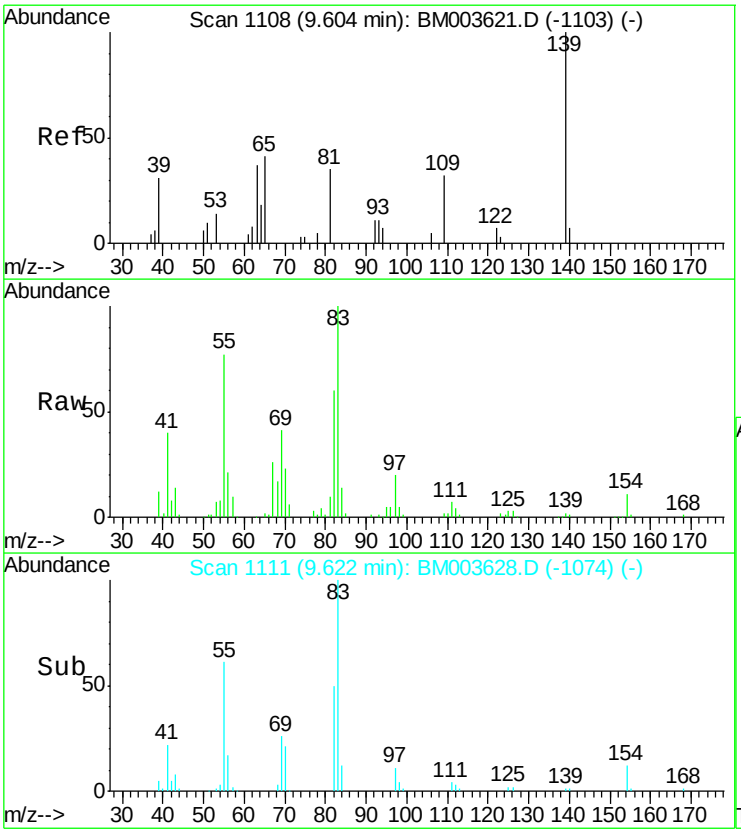
#21
Isophorone
Concen: 5.07 ng/ul
RT: 9.41 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Instrument :
BNA_M
ClientSampleId :
G9C69

Tgt Ion: 82 Resp: 33525

Ion	Ratio	Lower	Upper
82	100		
95	177.1	6.4	9.6#
138	9.8	14.9	22.3#

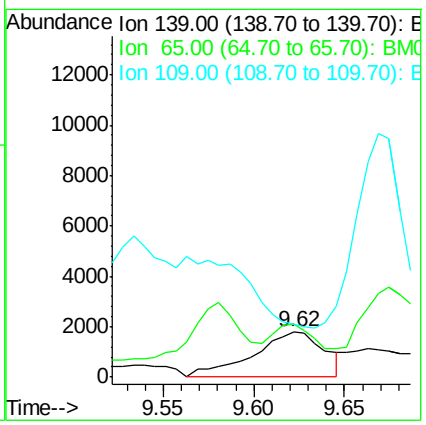


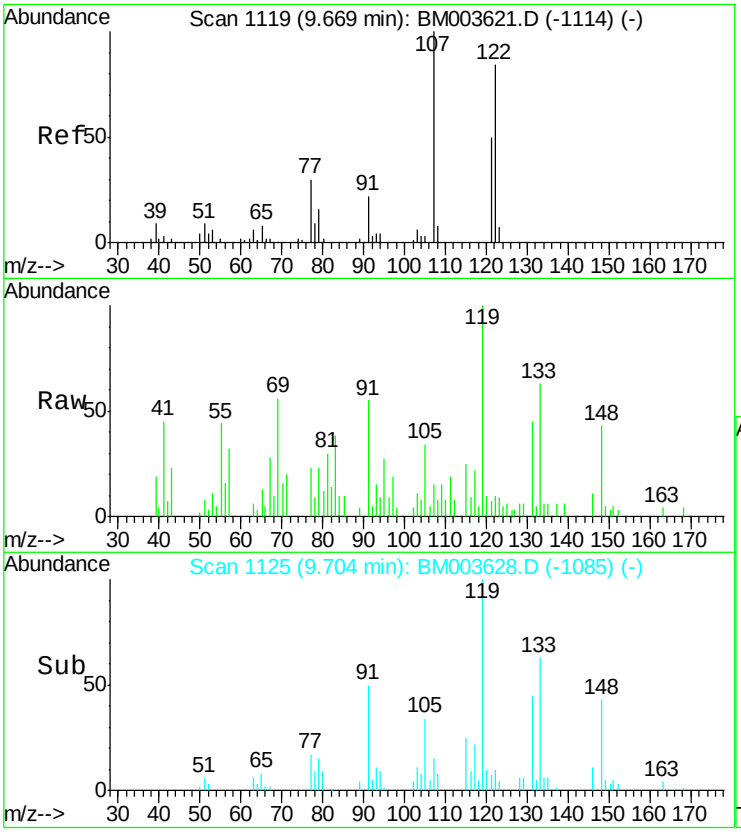


#23
2-Nitrophenol
Concen: 2.76 ng/ul
RT: 9.62 min Scan# 1111
Delta R.T. 0.02 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Tgt Ion:139 Resp: 4949

Ion	Ratio	Lower	Upper
139	100		
65	115.6	36.3	54.5#
109	115.1	26.4	39.6#



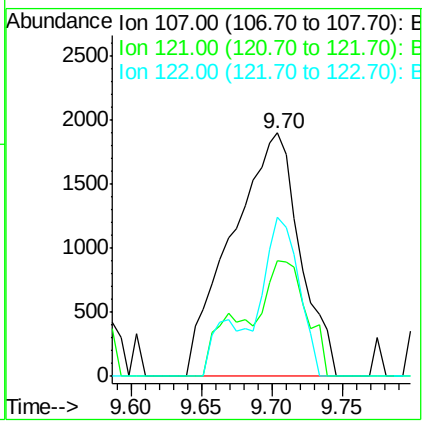


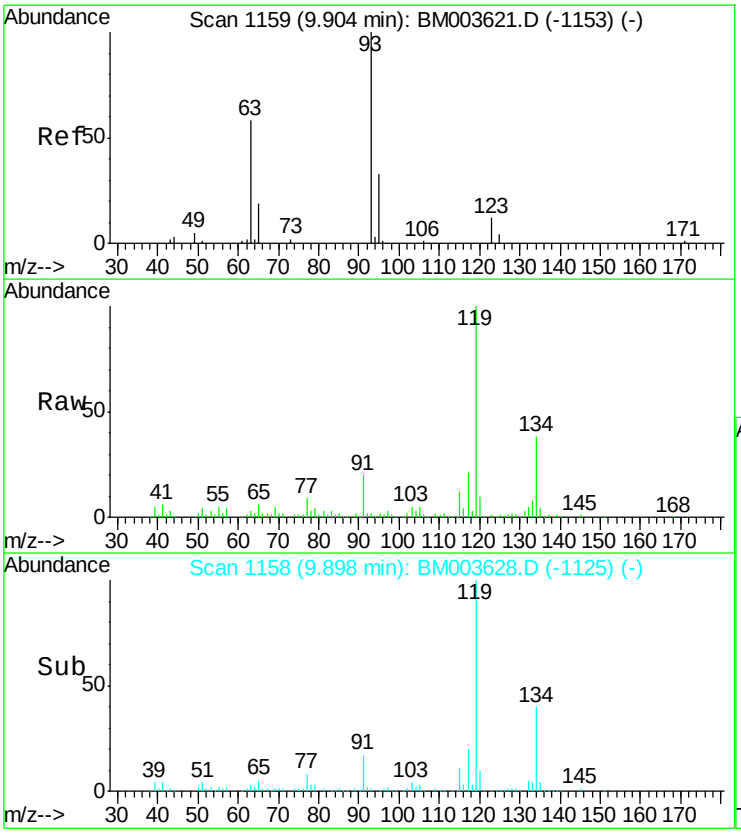
#24
2,4-Dimethylphenol
Concen: 1.75 ng/ul
RT: 9.70 min Scan# 1125
Delta R.T. 0.04 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Instrument :
BNA_M
ClientSampleId :
G9C69

Tgt Ion:107 Resp: 6420

Ion	Ratio	Lower	Upper
107	100		
121	47.5	40.6	61.0
122	65.1	67.8	101.6#

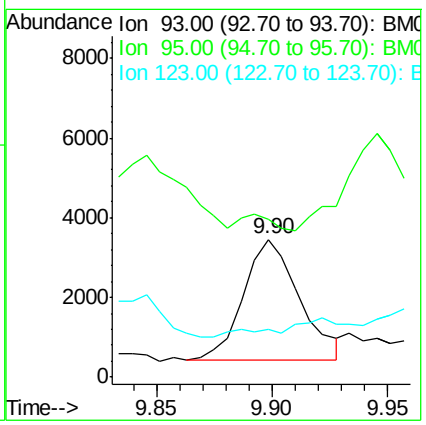


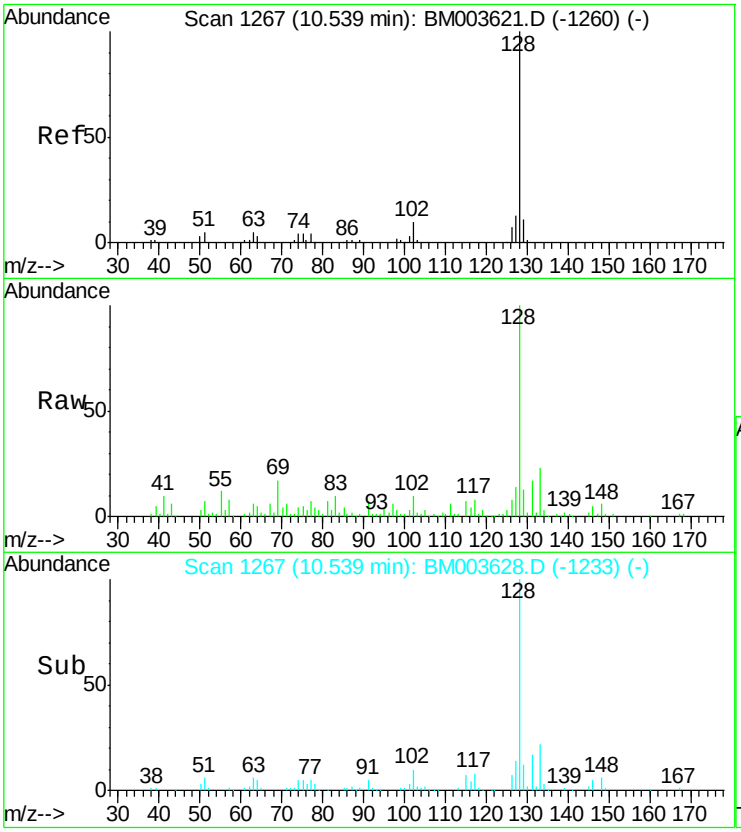


#25
Bis(2-Chloroethoxy)methane
Concen: 1.29 ng/ul
RT: 9.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Tgt Ion: 93 Resp: 5136

Ion	Ratio	Lower	Upper
93	100		
95	114.8	25.8	38.8#
123	34.8	9.8	14.8#



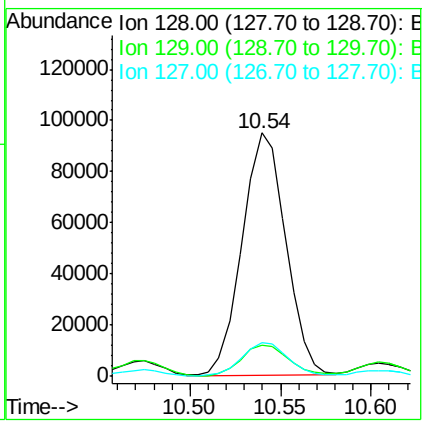


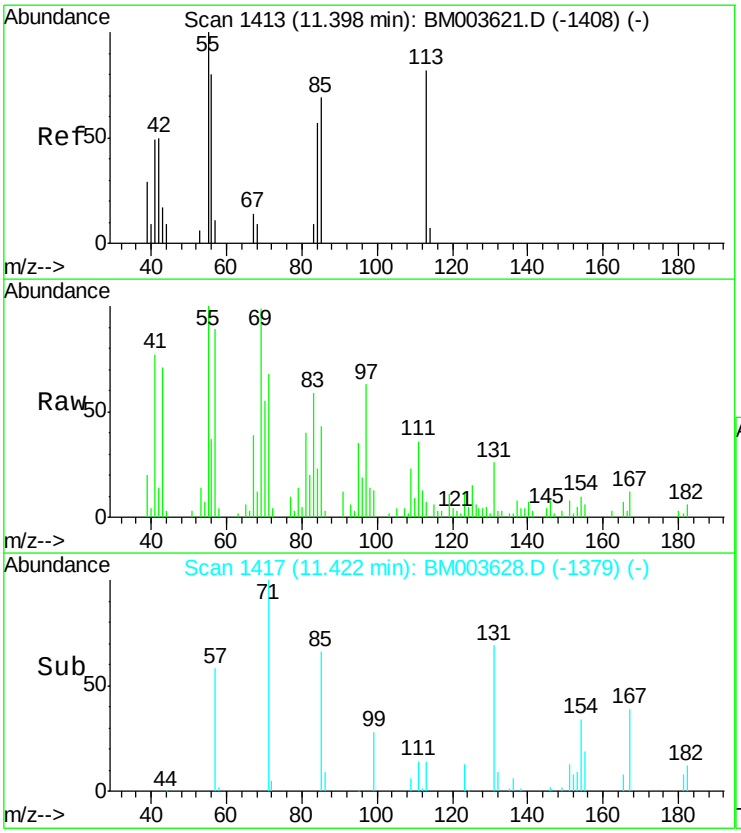
#28
Naphthalene
Concen: 15.62 ng/ul
RT: 10.54 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Instrument :
BNA_M
ClientSampleId :
G9C69

Tgt Ion:128 Resp: 159151

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	14.0	10.5	15.7

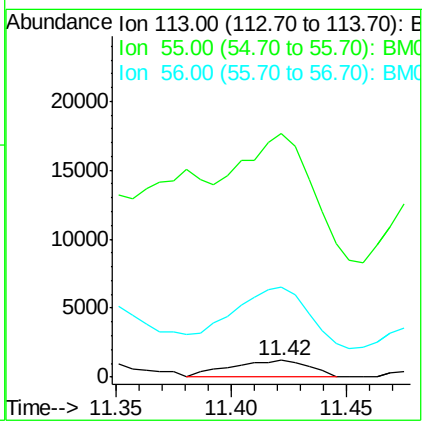


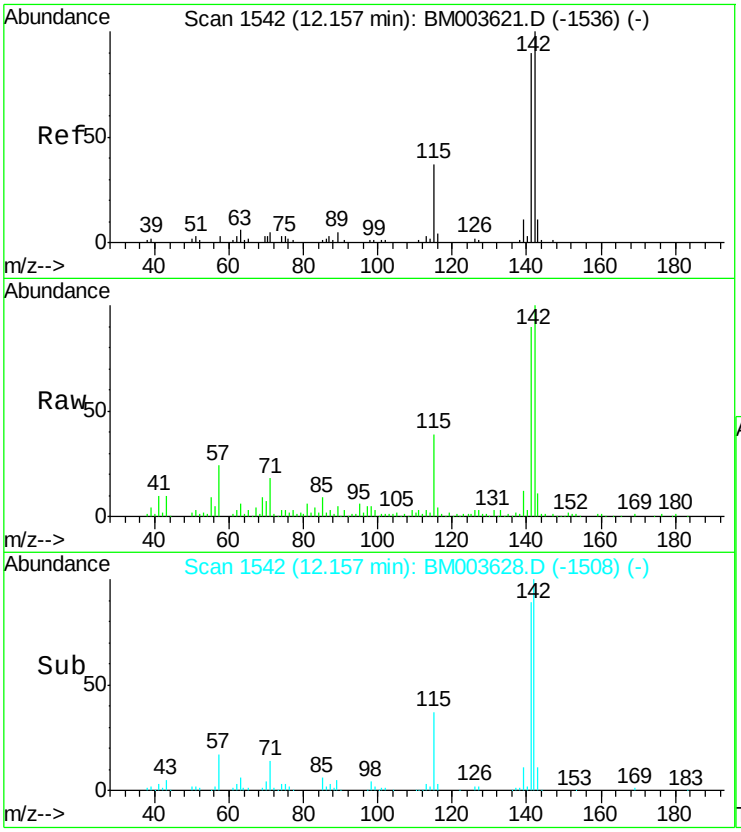


#32
Caprolactam
Concen: 2.50 ng/ul
RT: 11.42 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Tgt Ion:113 Resp: 2859

Ion	Ratio	Lower	Upper
113	100		
55	1448.4	101.9	152.9#
56	534.0	81.2	121.8#



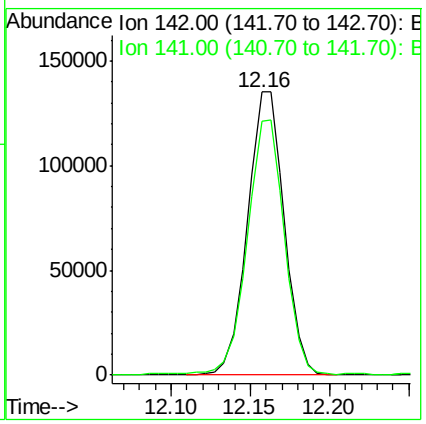


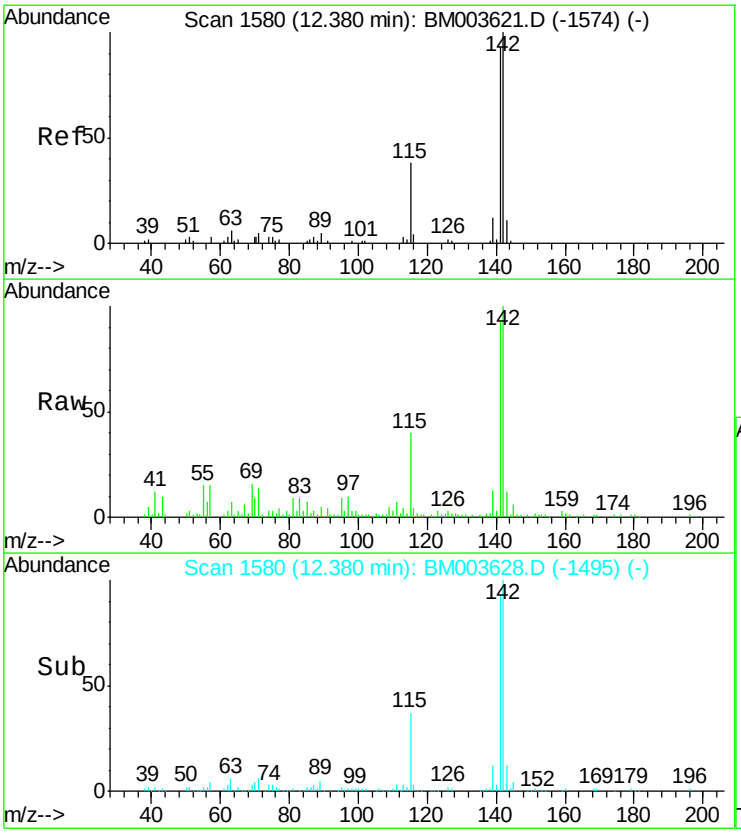
#34
2-Methylnaphthalene
Concen: 28.63 ng/ul
RT: 12.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Instrument :
BNA_M
ClientSampleId :
G9C69

Tgt Ion:142 Resp: 217858

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.6	107.4

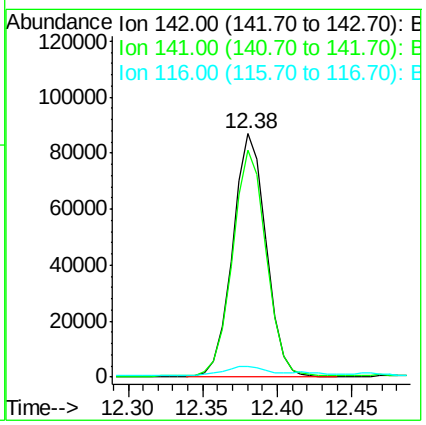


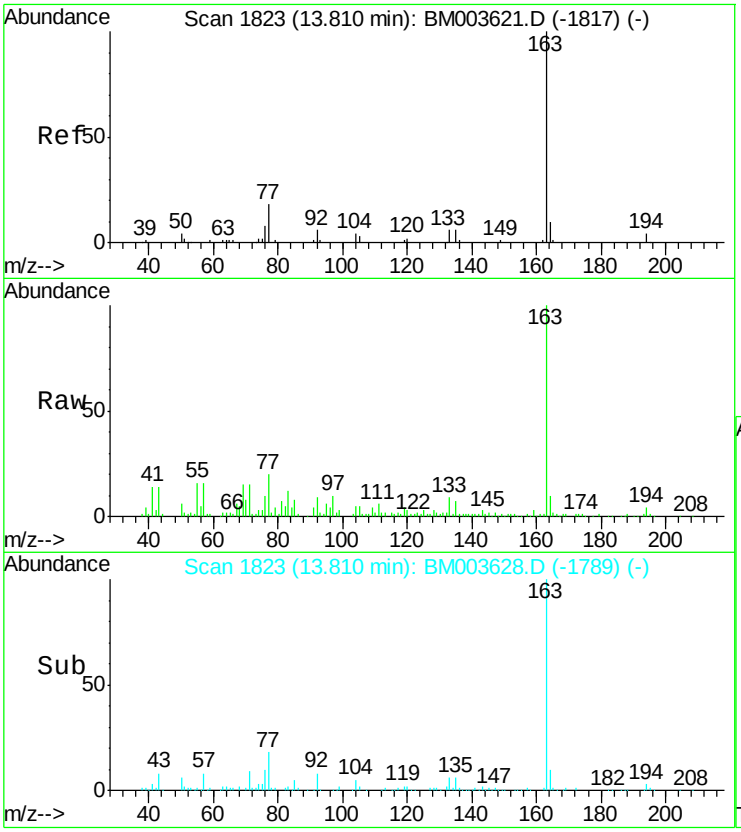


#35
1-Methylnaphthalene
Concen: 18.77 ng/ul
RT: 12.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Tgt Ion:142 Resp: 135701

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.9	112.3
116	4.5	3.1	4.7



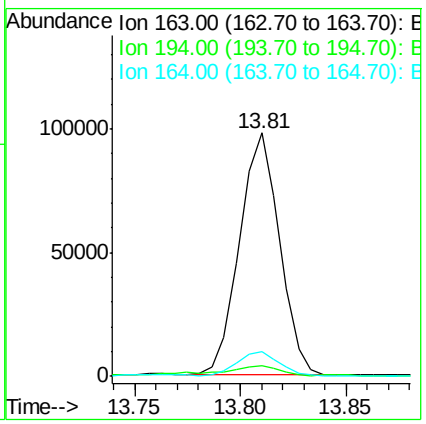


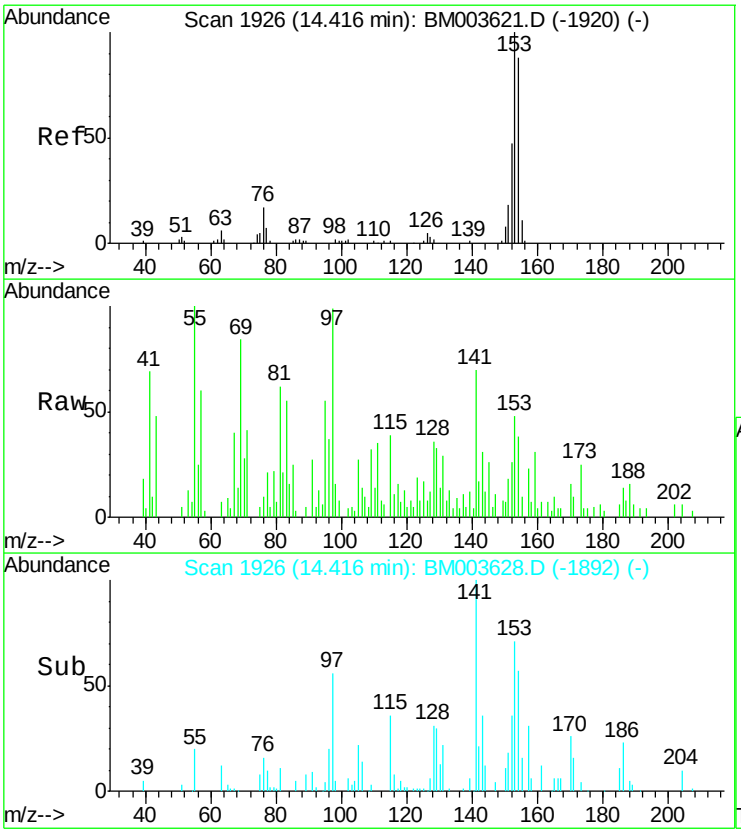
#45
Dimethylphthalate
Concen: 12.15 ng/ul
RT: 13.81 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Instrument :
BNA_M
ClientSampleId :
G9C69

Tgt Ion:163 Resp: 128239

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	7.8	11.8

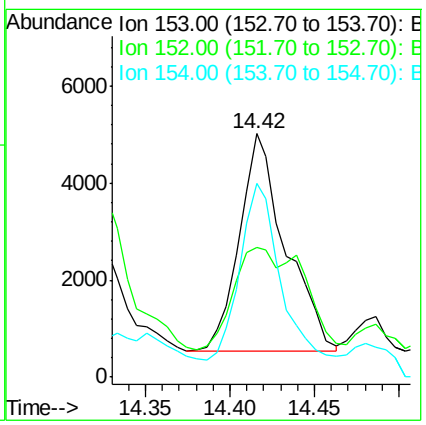


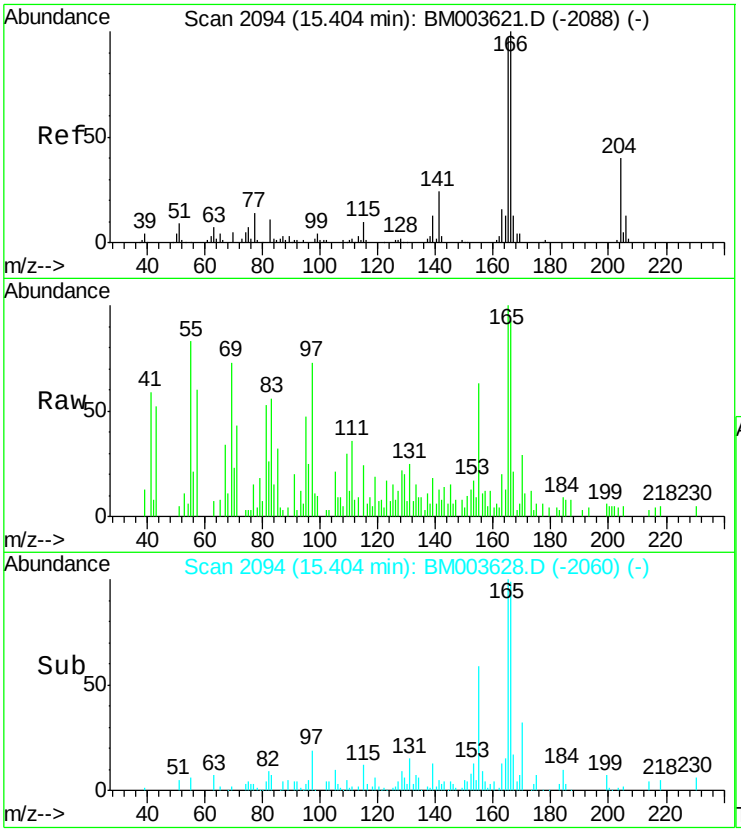


#50
Acenaphthene
Concen: 1.00 ng/ul
RT: 14.42 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Tgt Ion:153 Resp: 8601

Ion	Ratio	Lower	Upper
153	100		
152	53.2	38.3	57.5
154	79.6	71.8	107.8



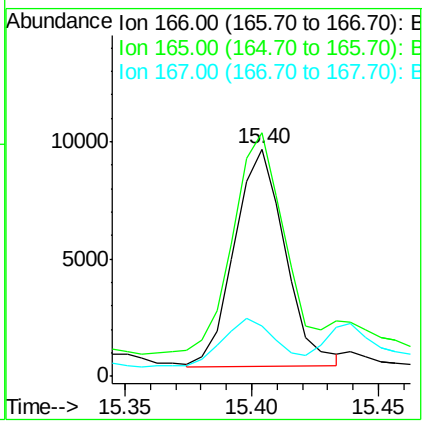


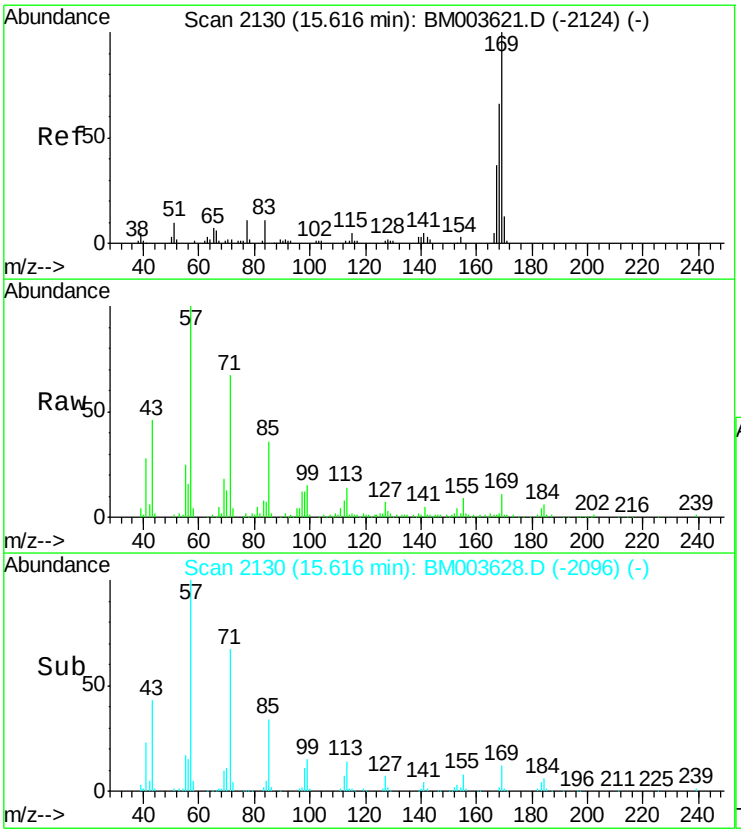
#59
Fluorene
Concen: 1.31 ng/ul
RT: 15.40 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Instrument :
BNA_M
ClientSampleId :
G9C69

Tgt Ion:166 Resp: 12897

Ion	Ratio	Lower	Upper
166	100		
165	107.1	78.5	117.7
167	22.2	10.7	16.1#

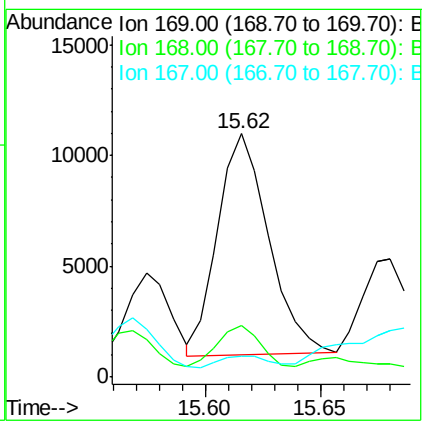


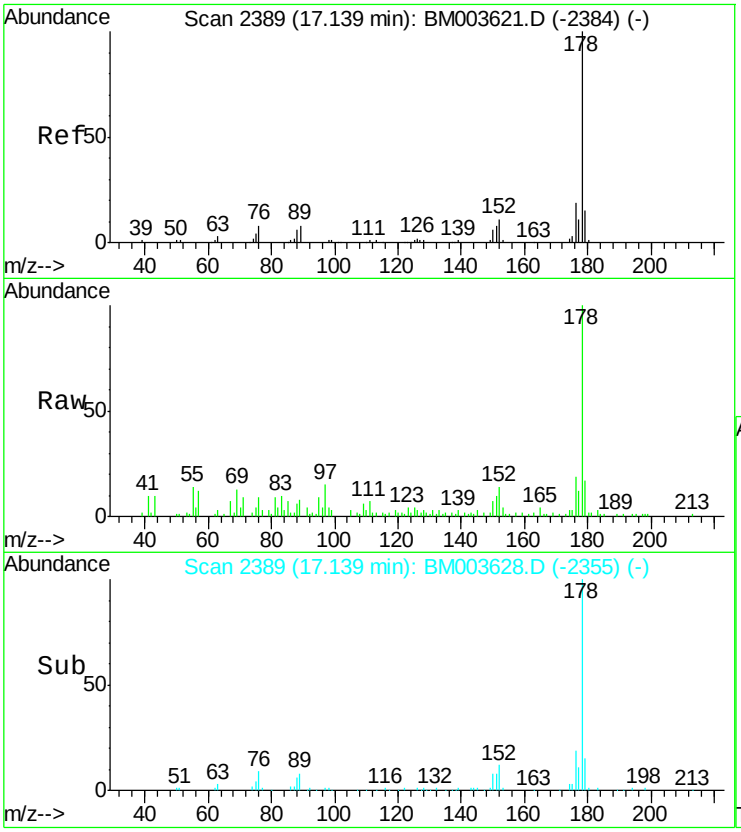


#65
N-Nitrosodiphenylamine
Concen: 1.84 ng/ul
RT: 15.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Tgt Ion:169 Resp: 15368

Ion	Ratio	Lower	Upper
169	100		
168	21.3	53.8	80.8#
167	8.4	29.3	43.9#



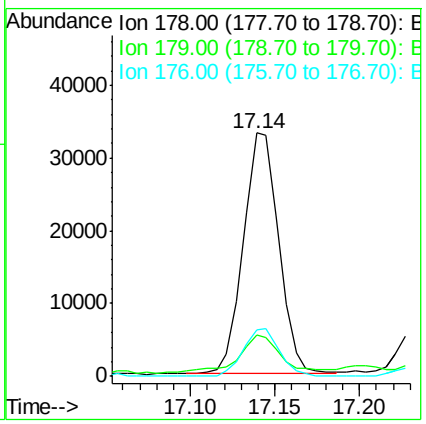


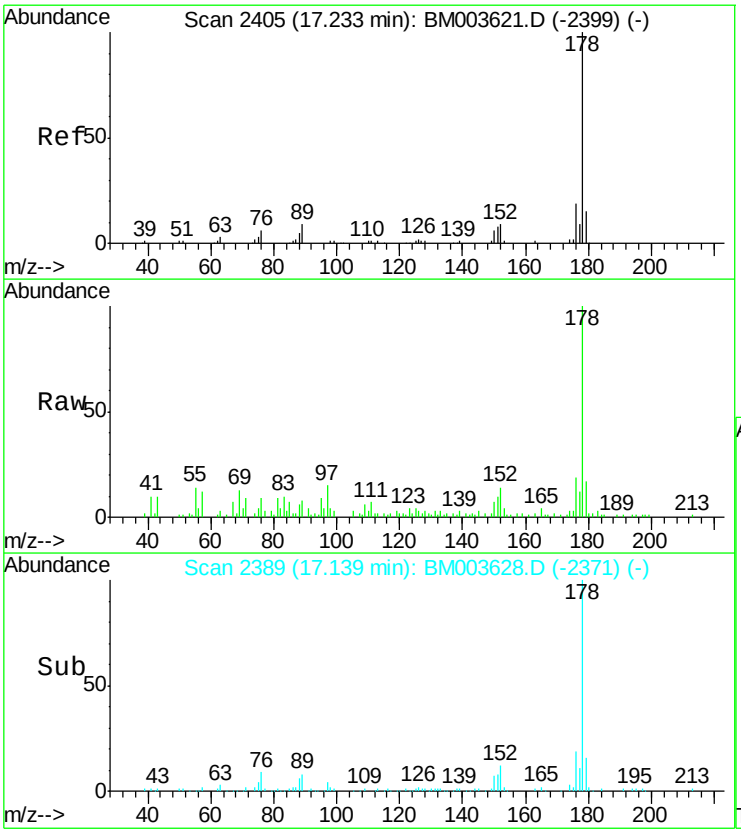
#70
Phenanthrene
Concen: 3.06 ng/ul
RT: 17.14 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Instrument :
BNA_M
ClientSampleId :
G9C69

Tgt Ion:178 Resp: 48281

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.2	18.4
176	19.1	15.6	23.4





#72
Anthracene
Concen: 3.01 ng/ul
RT: 17.14 min Scan# 2389
Delta R.T. -0.09 min
Lab File: BM003628.D
Acq: 19 Dec 2015 20:08

Tgt Ion:178 Resp: 48413

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.1	18.1
176	19.1	14.8	22.2