Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061615\
Data File : BM001709.D
Acq On : 16 Jun 2015 12:02
Operator : TP/IZ
Sample : G2610-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1W53

Quant Time: Jun 17 16:00:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 17 05:22:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	63967	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	245035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	149001	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	348332	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	462786	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	472652	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	6196	4.62	ng/uL	0.00
5) Phenol-d5	6.83	99	142159	28.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	77039	27.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	112795	29.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	116337	29.50	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	48904	28.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	57845	31.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	129741	32.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	140629	34.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	365067	33.04	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	434932	30.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	71437	35.05	ng/ul	0.00
57) Fluorene-d10	15.32	176	344381	33.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	68795	32.33	ng/ul	0.00
70) Anthracene-d10	17.16	188	604799	37.27	ng/ul	0.00
78) Pyrene-d10	19.46	212	759831	38.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	828092	39.75	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	220050	43.40	ng/ul	99
20) Nitrobenzene	8.87	77	174392	37.97	ng/ul	99
21) Isophorone	9.39	82	410043	53.45	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	290120	75.33	ng/ul	95
28) Naphthalene	10.50	128	667727	53.97	ng/ul	99
32) Caprolactam	11.38	113	59233	51.48	ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	222294	68.61	ng/ul	96
41) 2-Chloronaphthalene	13.19	162	540212	56.66	ng/ul	98
56) Diethylphthalate	15.15	149	781933	68.09	ng/ul	98
64) N-Nitrosodiphenylamine	15.59	169	392763	38.59	ng/ul	99
66) Hexachlorobenzene	16.37	284	174059	39.88	ng/ul	99
67) Atrazine	16.54	200	217998	53.18	ng/ul	96
69) Phenanthrene	17.11	178	886781	46.95	ng/ul	99
74) Carbazole	17.47	167	1300196	76.42	ng/ul	99
80) Butylbenzylphthalate	20.40	149	463595	55.35	ng/ul	94
84) Chrysene	21.30	228	1324930	51.69	ng/ul	100
86) Di-n-octyl phthalate	22.05	149	1808044	77.84	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	1886507	68.57	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1249145	46.98	ng/ul	99
93) Benzo(g,h,i)perylene	26.43	276	1715573	64.28	ng/ul	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061615\
Data File : BM001709.D
Acq On : 16 Jun 2015 12:02
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1W53

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Quant Title : SVOA CALIBRATION
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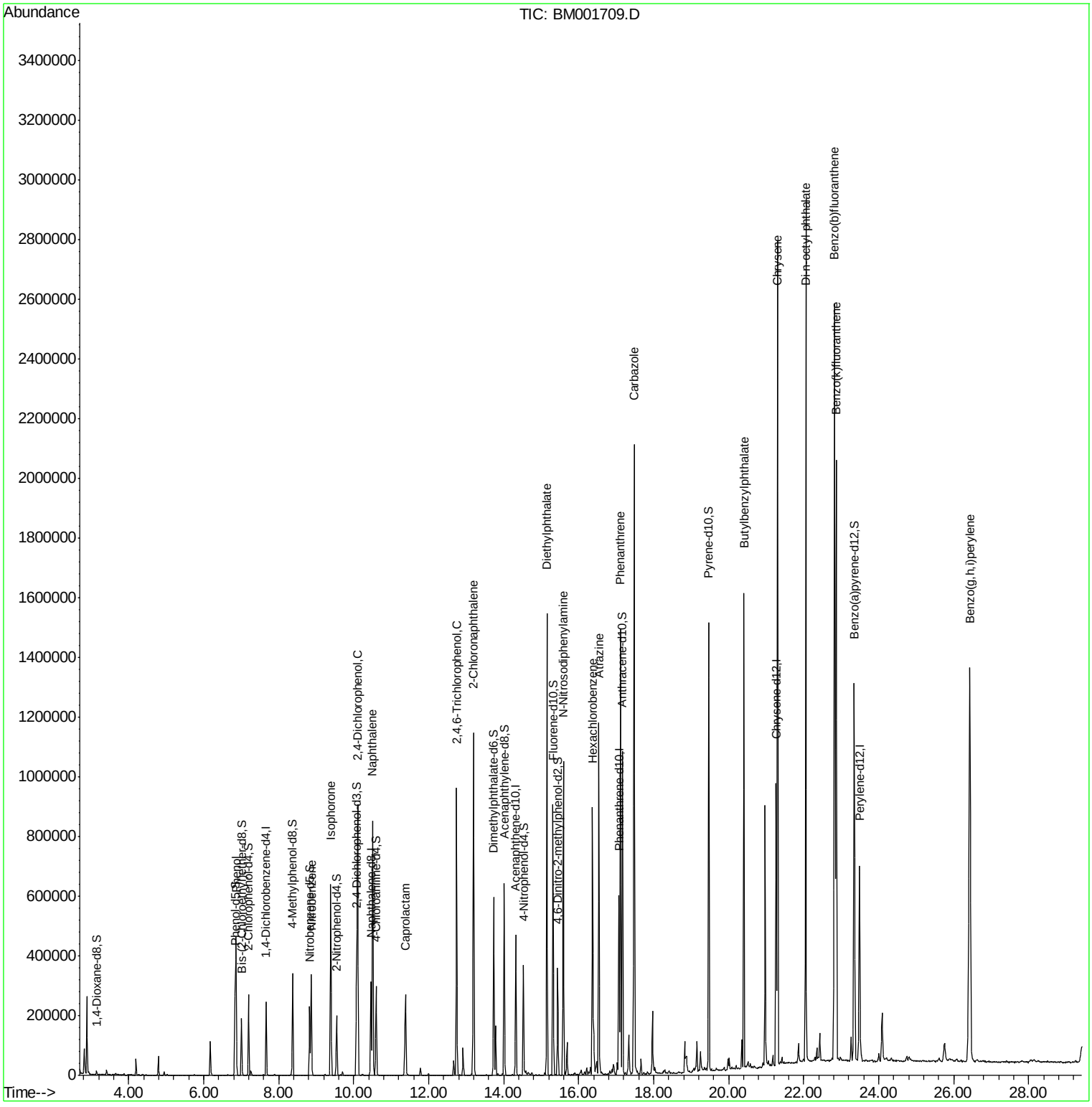
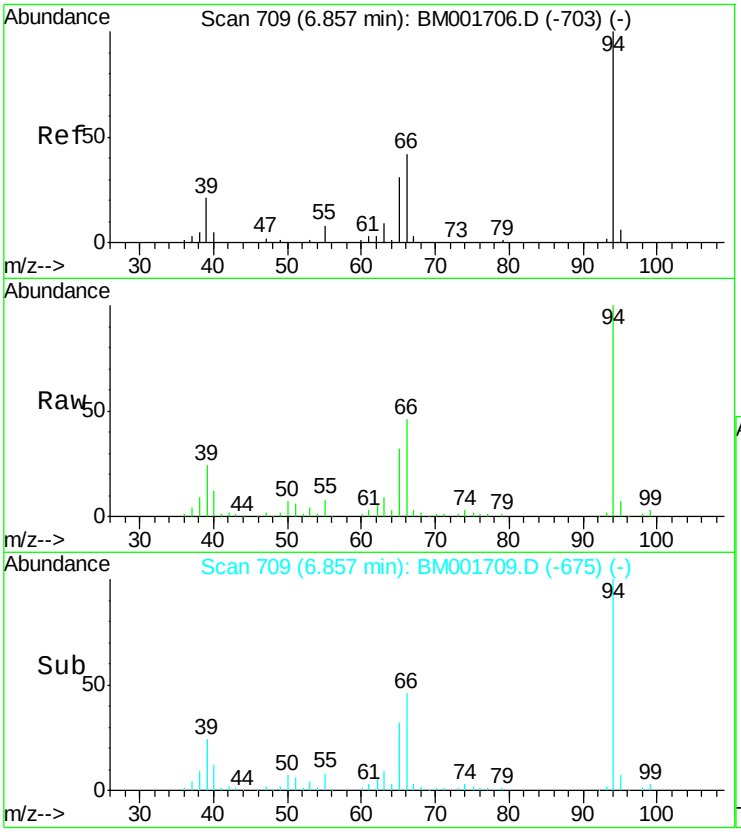
Response via : Initial Calibration



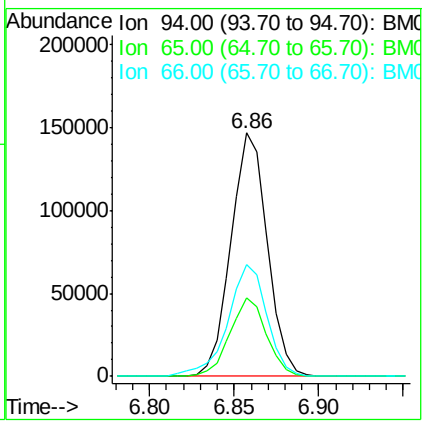


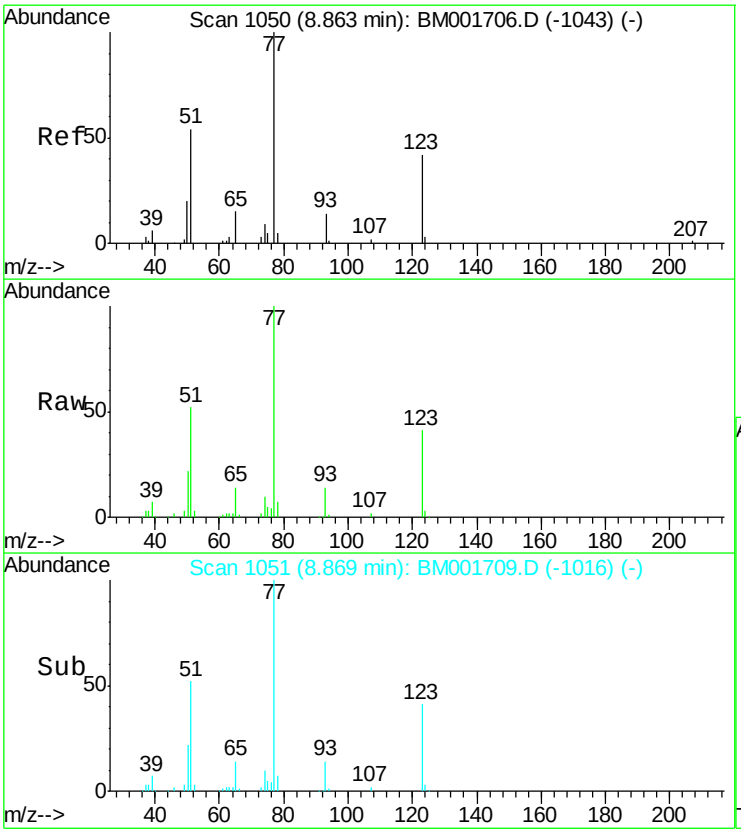
#6
Phenol
Concen: 43.40 ng/ul
RT: 6.86 min Scan# 709
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion: 94 Resp: 220050

Ion	Ratio	Lower	Upper
94	100		
65	32.1	26.1	39.1
66	45.8	35.9	53.9

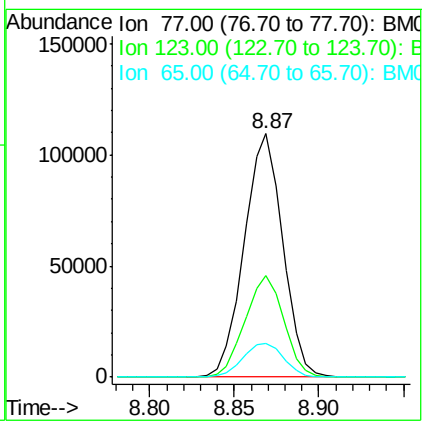


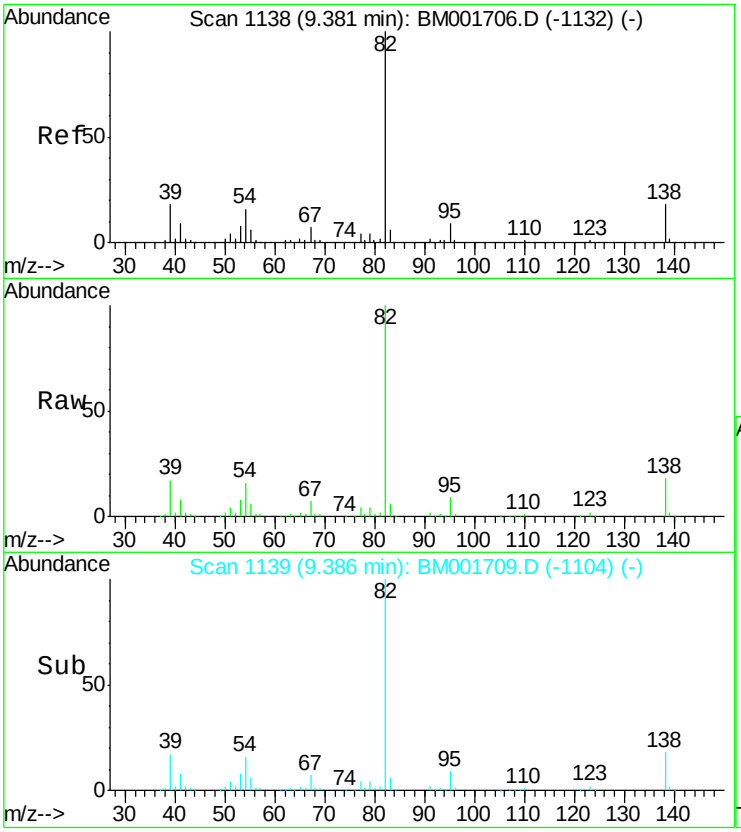


#20
Nitrobenzene
Concen: 37.97 ng/ul
RT: 8.87 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion: 77 Resp: 174392

Ion	Ratio	Lower	Upper
77	100		
123	41.5	34.0	51.0
65	14.0	11.3	16.9



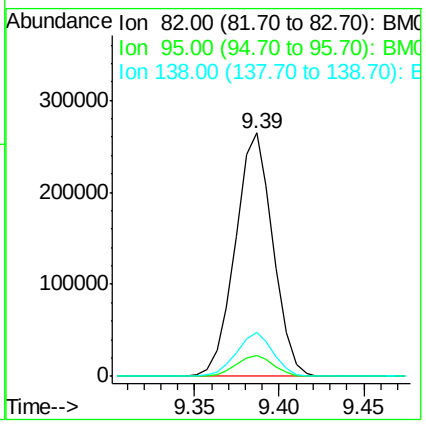


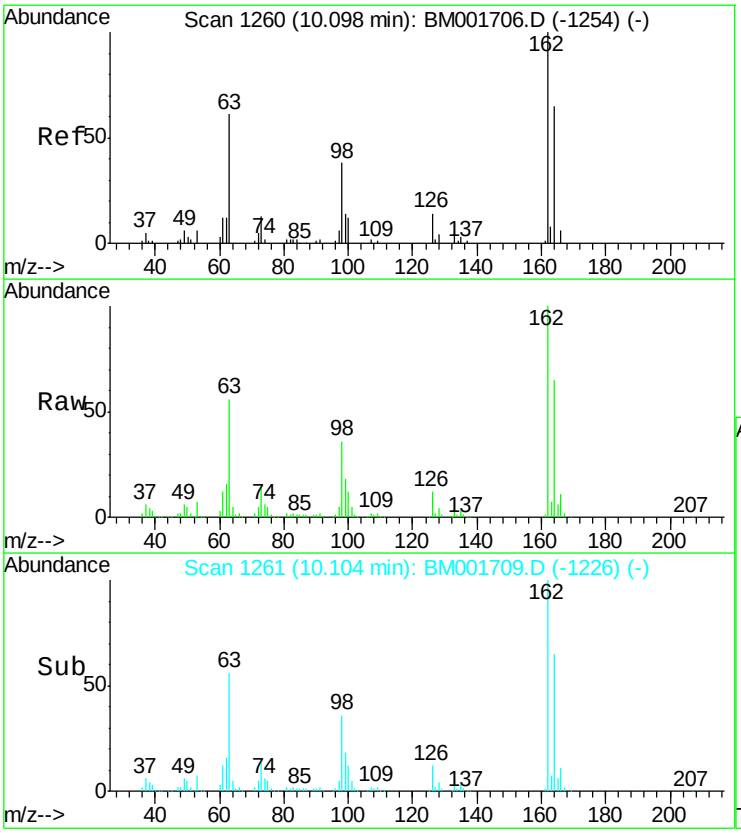
#21
Isophorone
Concen: 53.45 ng/ul
RT: 9.39 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion: 82 Resp: 410043

Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.3	9.5
138	18.0	14.9	22.3

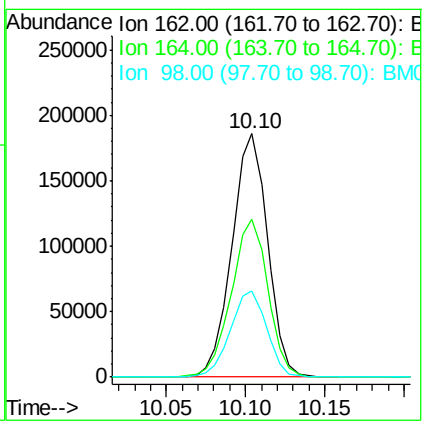


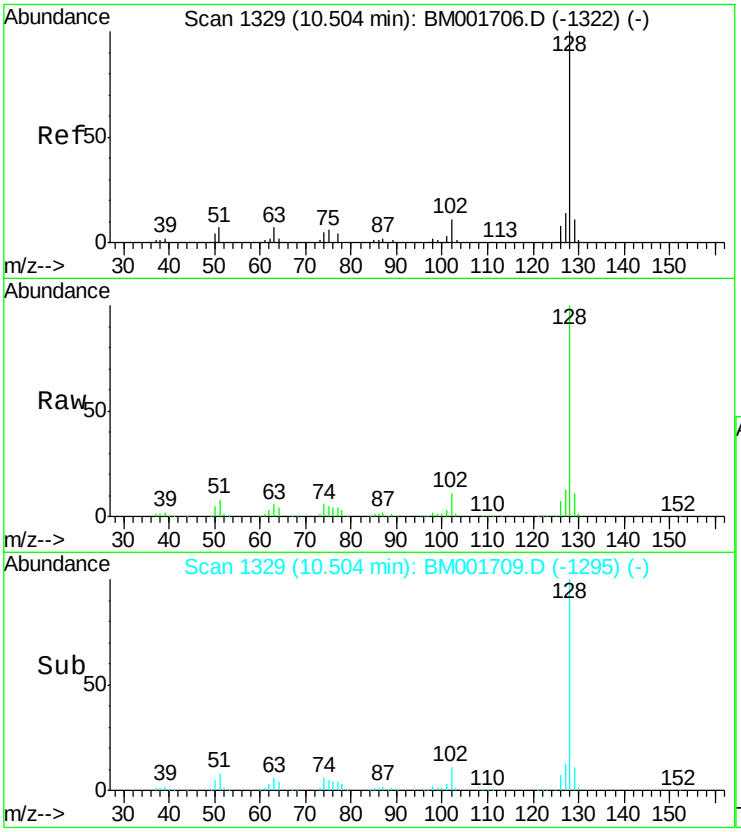


#27
2,4-Dichlorophenol
Concen: 75.33 ng/ul
RT: 10.10 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion:162 Resp: 290120

Ion	Ratio	Lower	Upper
162	100		
164	64.9	55.1	82.7
98	35.5	30.8	46.2



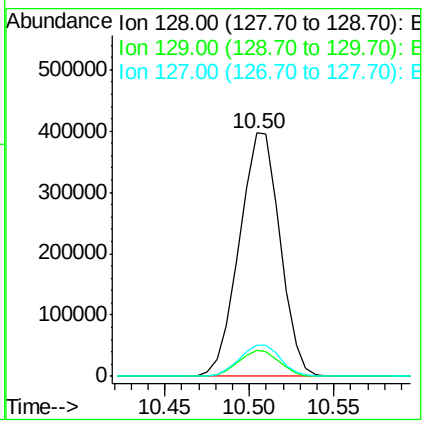


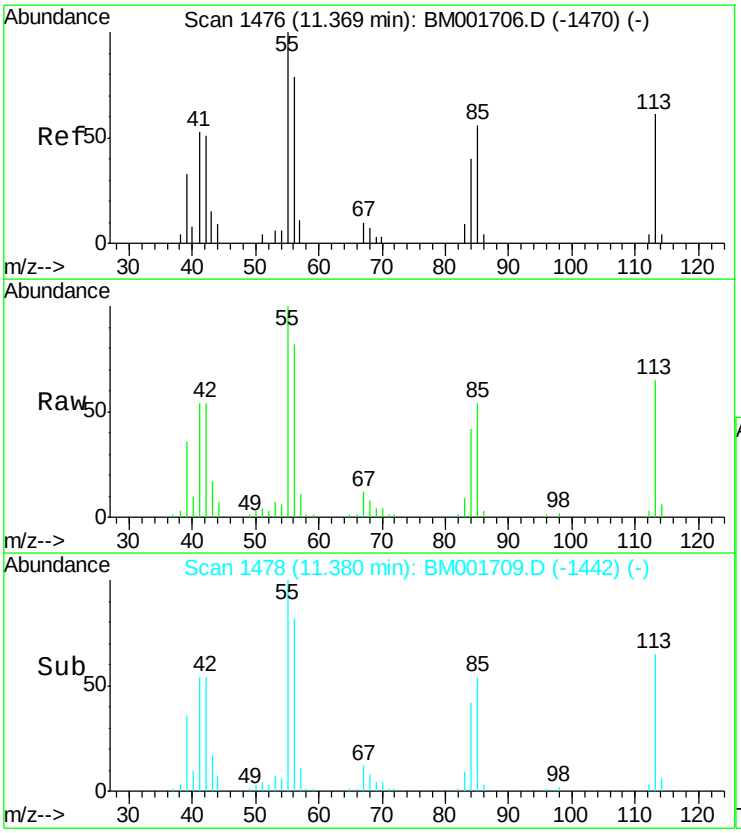
#28
Naphthalene
Concen: 53.97 ng/ul
RT: 10.50 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion:128 Resp: 667727

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.9	10.0	15.0

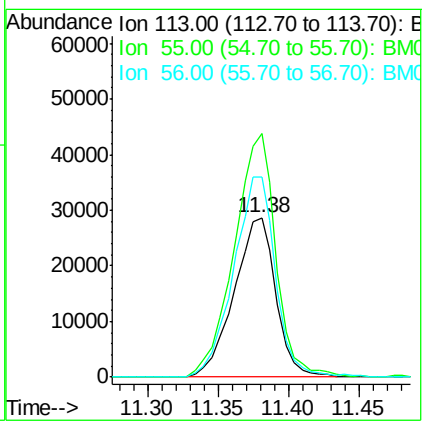


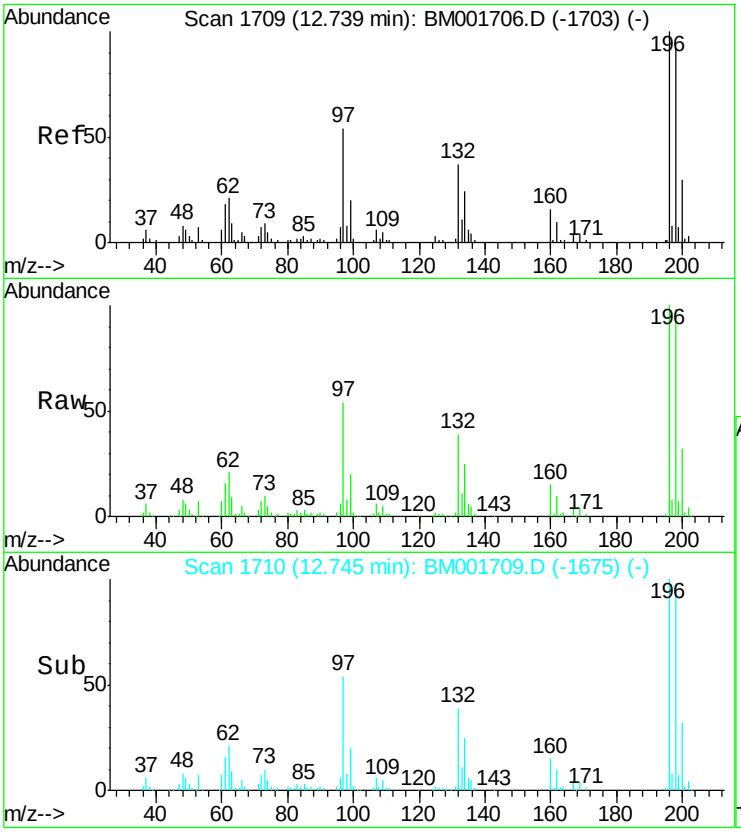


#32
Caprolactam
Concen: 51.48 ng/ul
RT: 11.38 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion:113 Resp: 59233

Ion	Ratio	Lower	Upper
113	100		
55	152.9	123.3	184.9
56	125.7	98.6	147.8



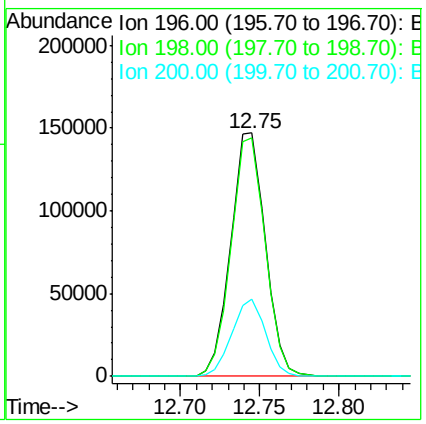


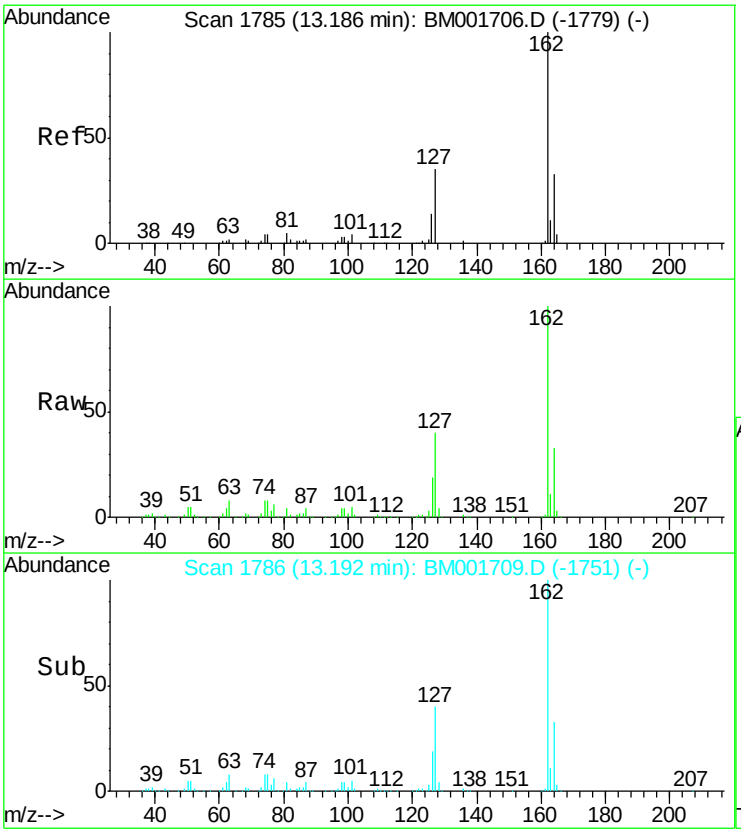
#38
2,4,6-Trichlorophenol
Concen: 68.61 ng/ul
RT: 12.75 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion:196 Resp: 222294

Ion	Ratio	Lower	Upper
196	100		
198	97.8	74.4	111.6
200	31.8	25.0	37.4

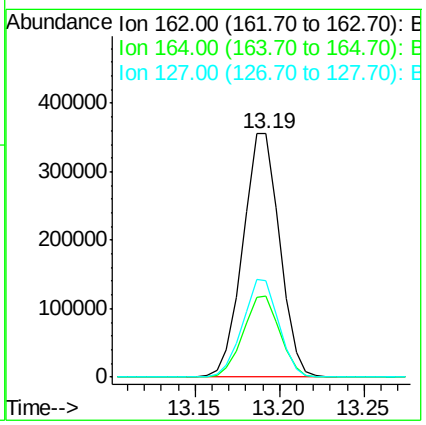


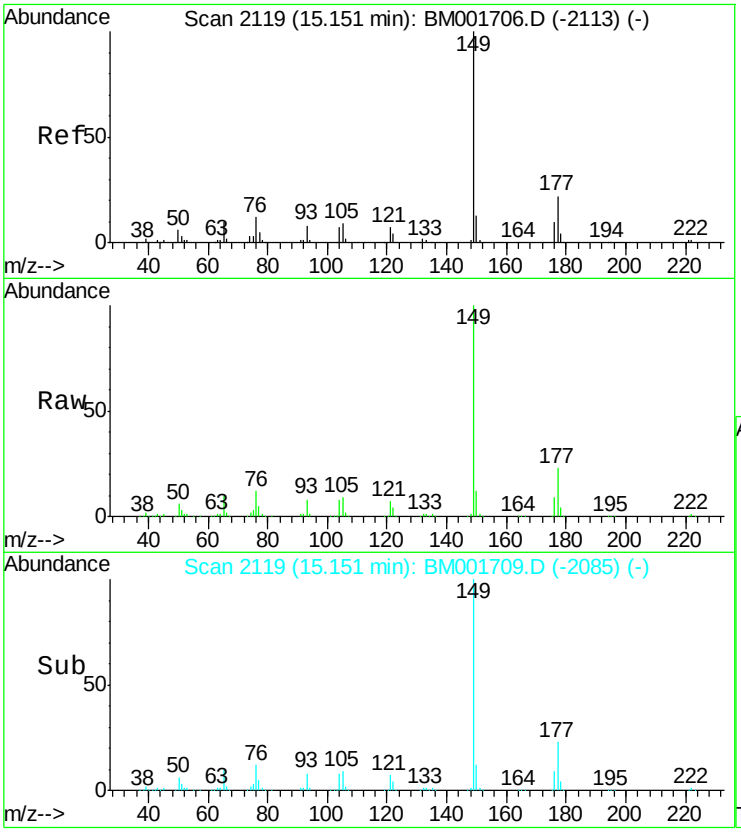


#41
2-Chloronaphthalene
Concen: 56.66 ng/ul
RT: 13.19 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion:162 Resp: 540212

Ion	Ratio	Lower	Upper
162	100		
164	33.4	27.2	40.8
127	39.6	32.6	49.0



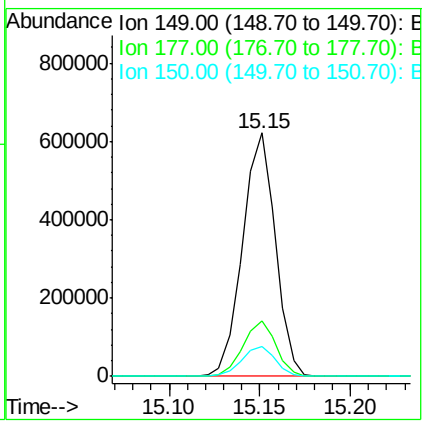


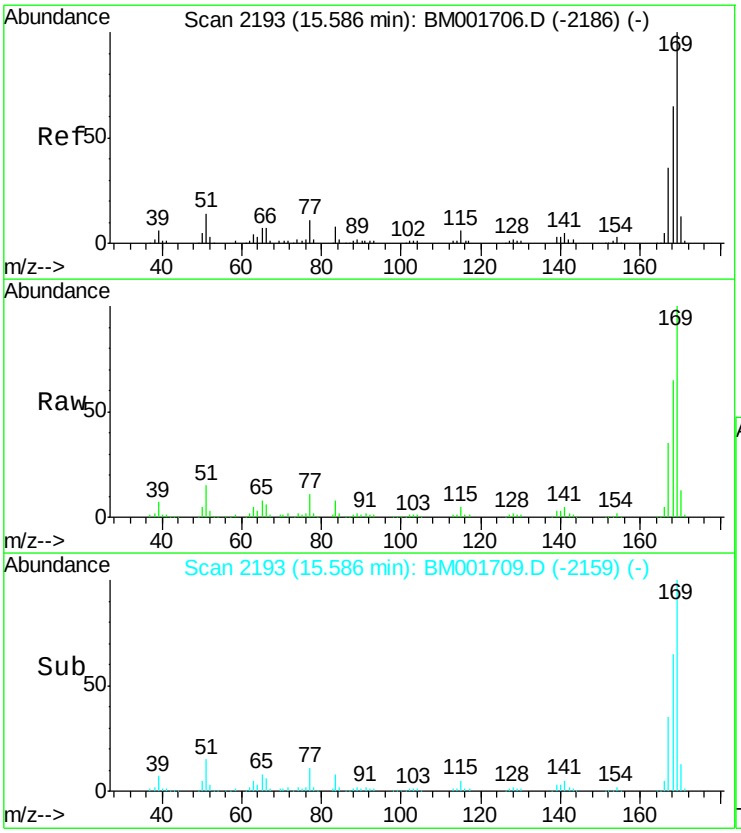
#56
Diethylphthalate
Concen: 68.09 ng/ul
RT: 15.15 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion:149 Resp: 781933

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.3	25.9
150	12.5	10.1	15.1

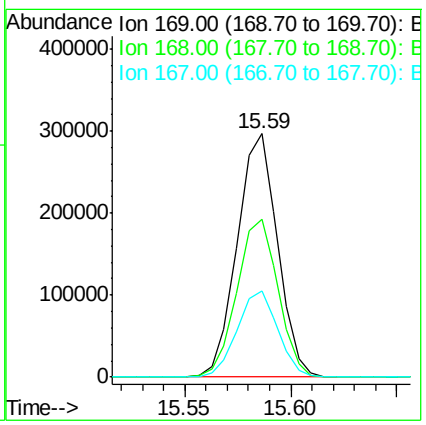


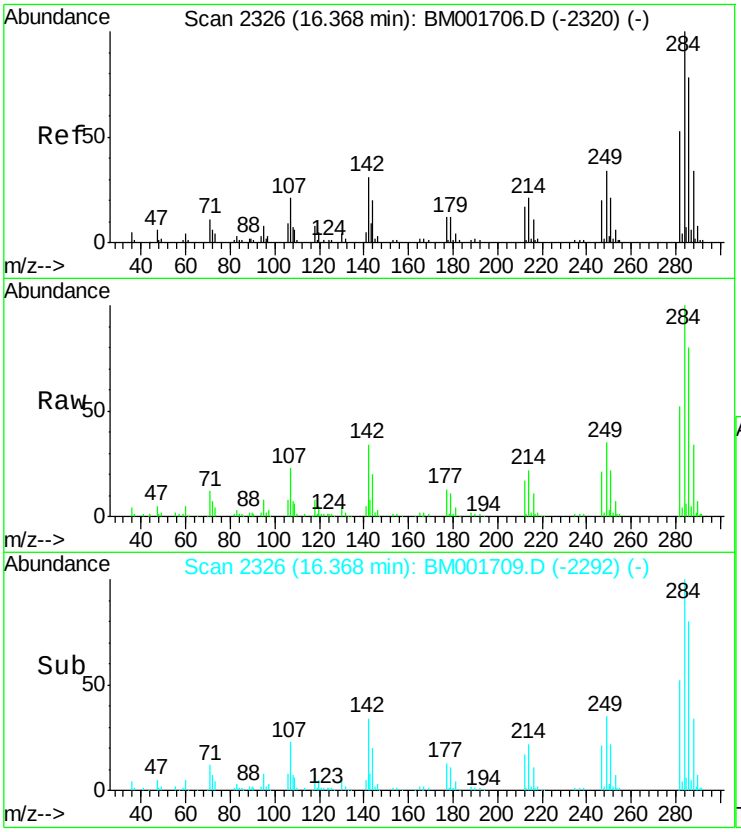


#64
N-Nitrosodiphenylamine
Concen: 38.59 ng/ul
RT: 15.59 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion:169 Resp: 392763

Ion	Ratio	Lower	Upper
169	100		
168	65.0	52.9	79.3
167	35.2	27.5	41.3



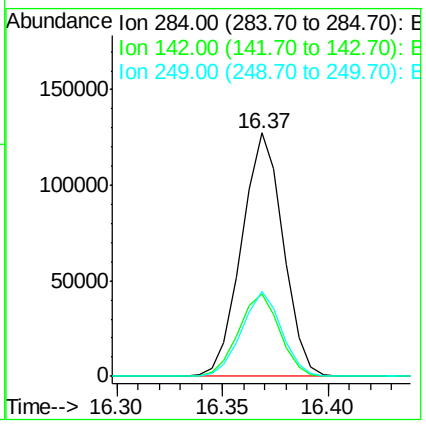


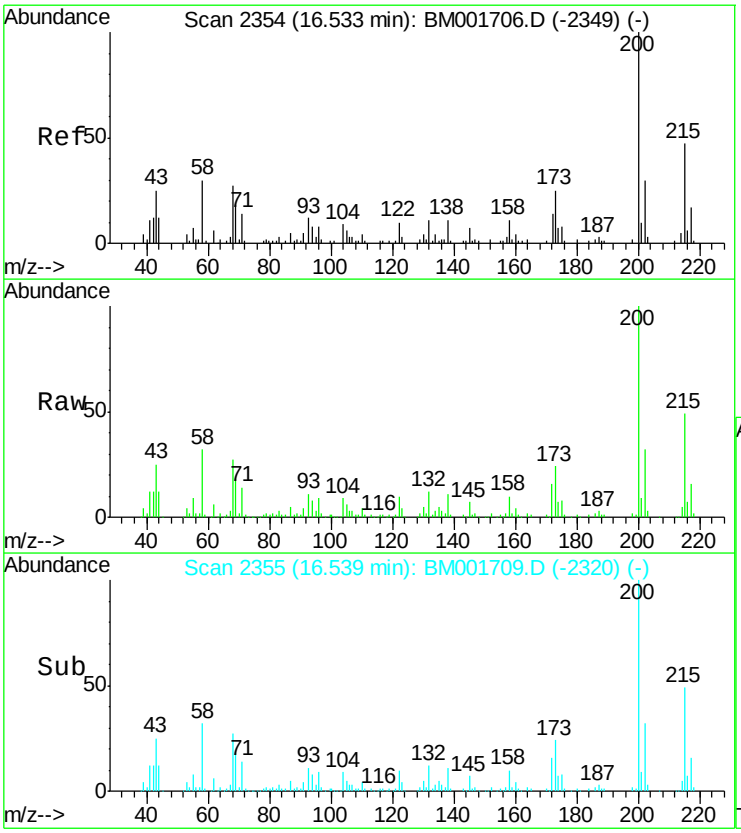
#66
Hexachlorobenzene
Concen: 39.88 ng/ul
RT: 16.37 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion:284 Resp: 174059

Ion	Ratio	Lower	Upper
284	100		
142	33.8	26.6	39.8
249	34.7	27.7	41.5

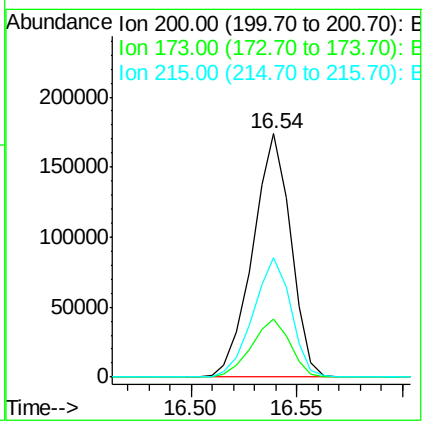


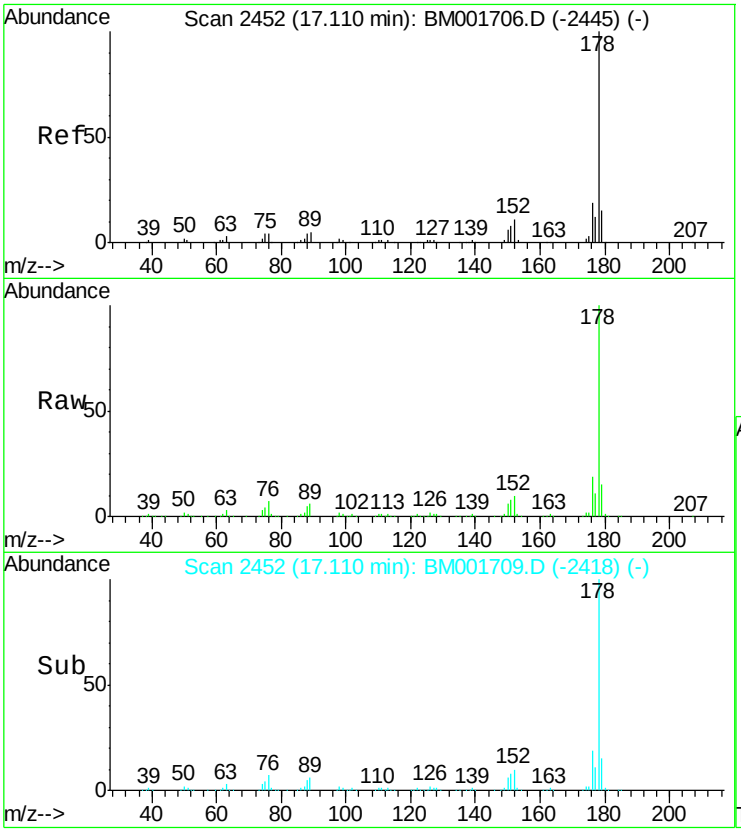


#67
Atrazine
Concen: 53.18 ng/ul
RT: 16.54 min Scan# 2355
Delta R.T. 0.01 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion:200 Resp: 217998

Ion	Ratio	Lower	Upper
200	100		
173	23.7	19.6	29.4
215	49.1	36.2	54.4



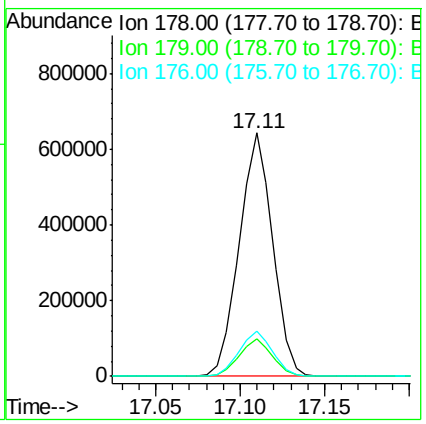


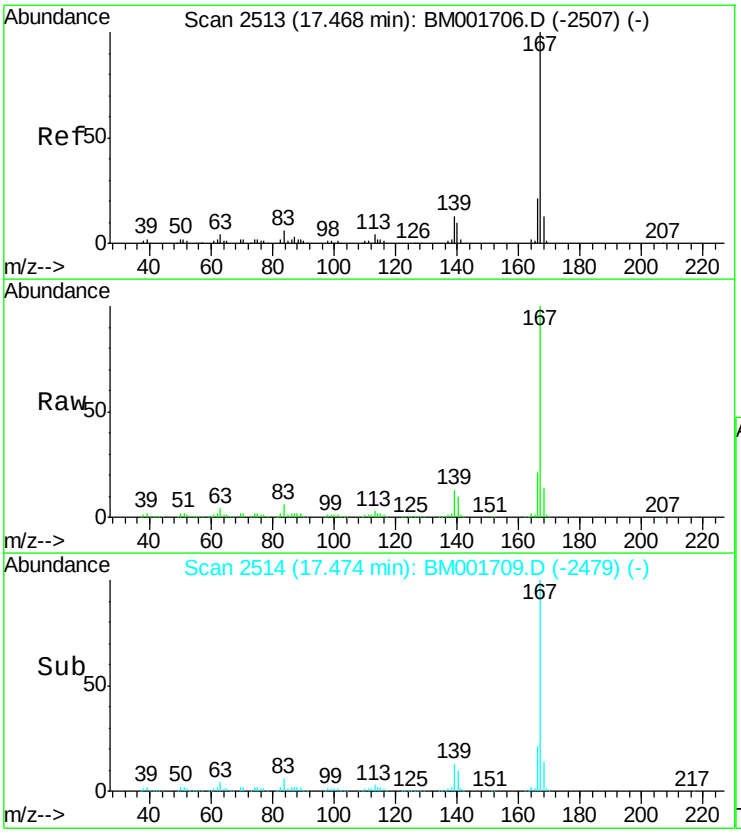
#69
Phenanthrene
Concen: 46.95 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion:178 Resp: 886781

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	18.6	15.2	22.8

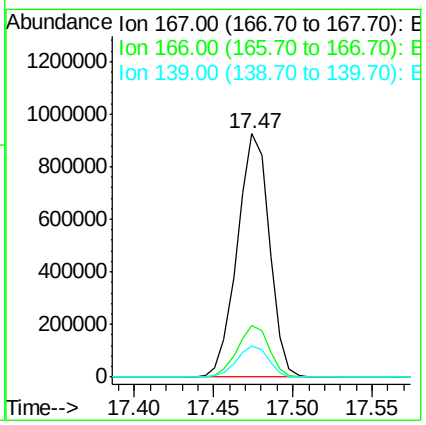


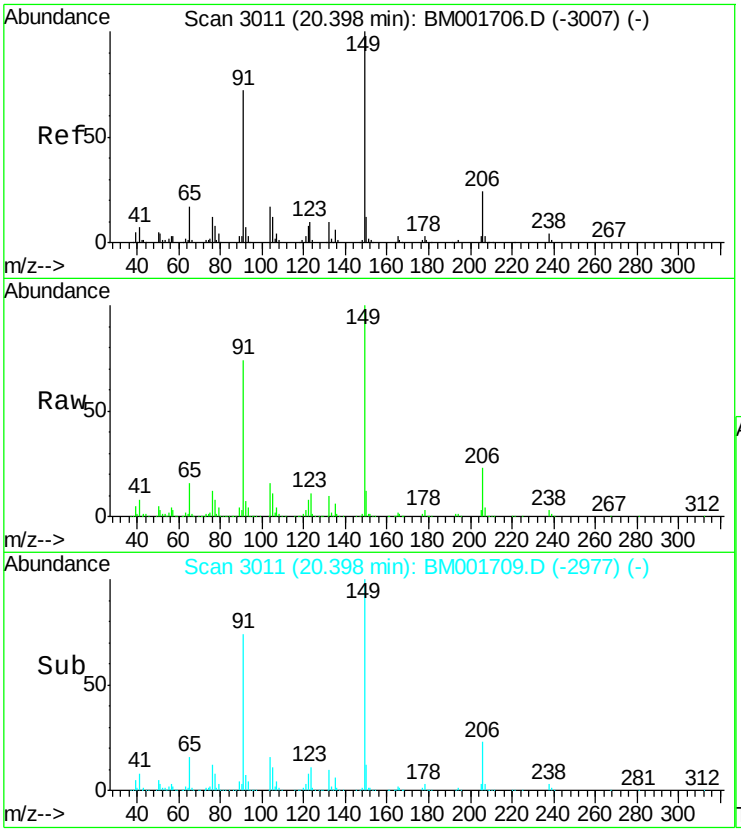


#74
Carbazole
Concen: 76.42 ng/ul
RT: 17.47 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion:167 Resp: 1300196

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.2
139	13.0	10.1	15.1



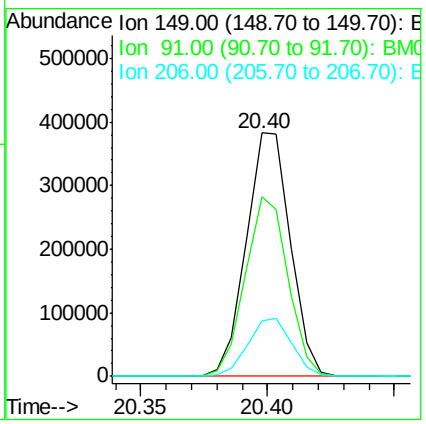


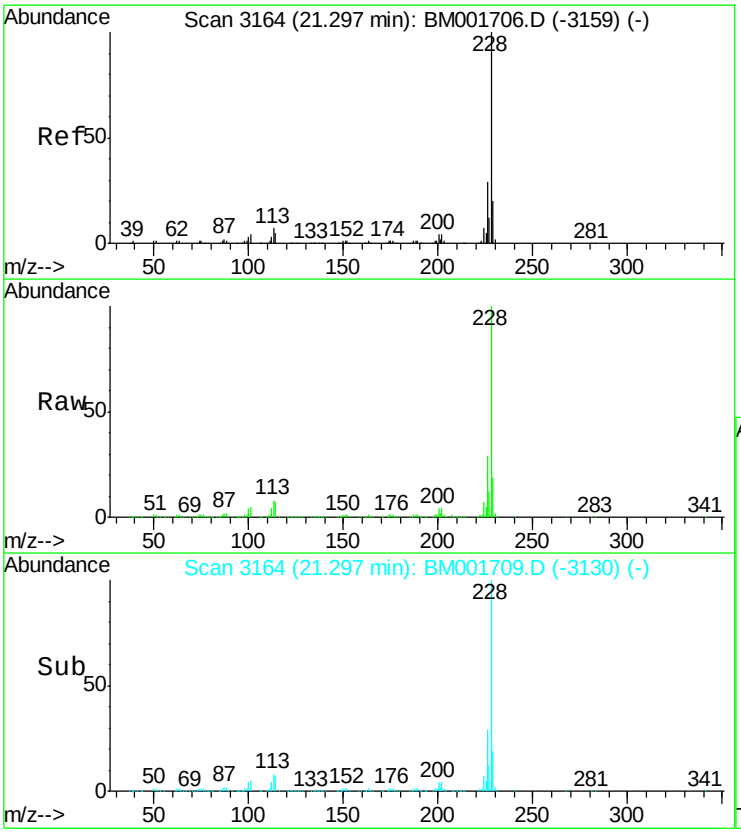
#80
Butylbenzylphthalate
Concen: 55.35 ng/ul
RT: 20.40 min Scan# 3011
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion:149 Resp: 463595

Ion	Ratio	Lower	Upper
149	100		
91	73.8	55.0	82.6
206	22.6	20.8	31.2

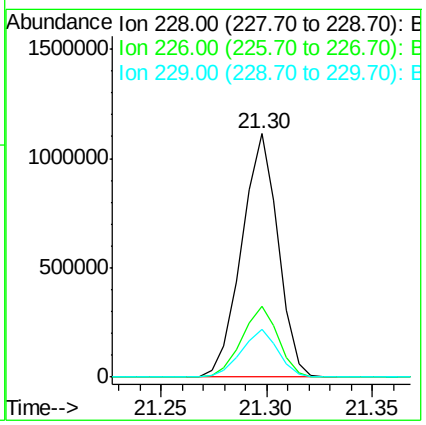


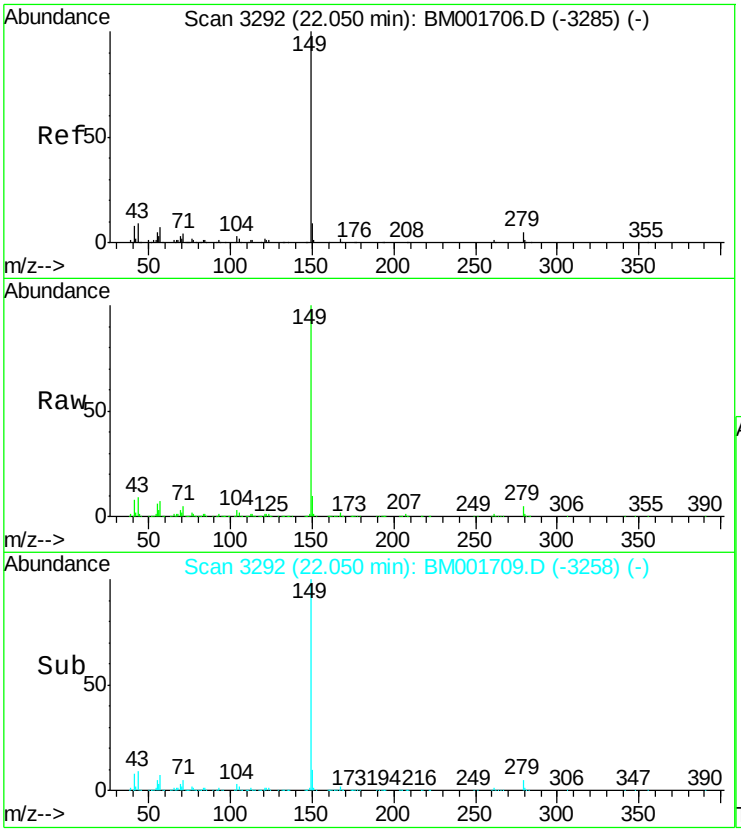


#84
Chrysene
Concen: 51.69 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion:228 Resp: 1324930

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	19.4	15.4	23.2

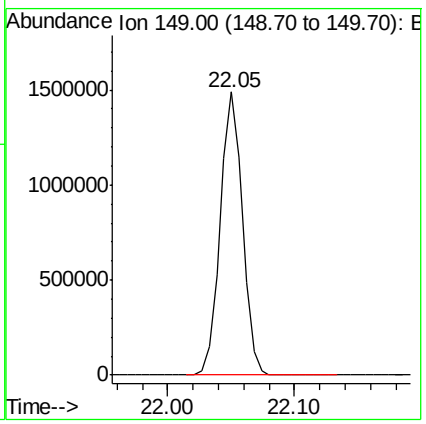


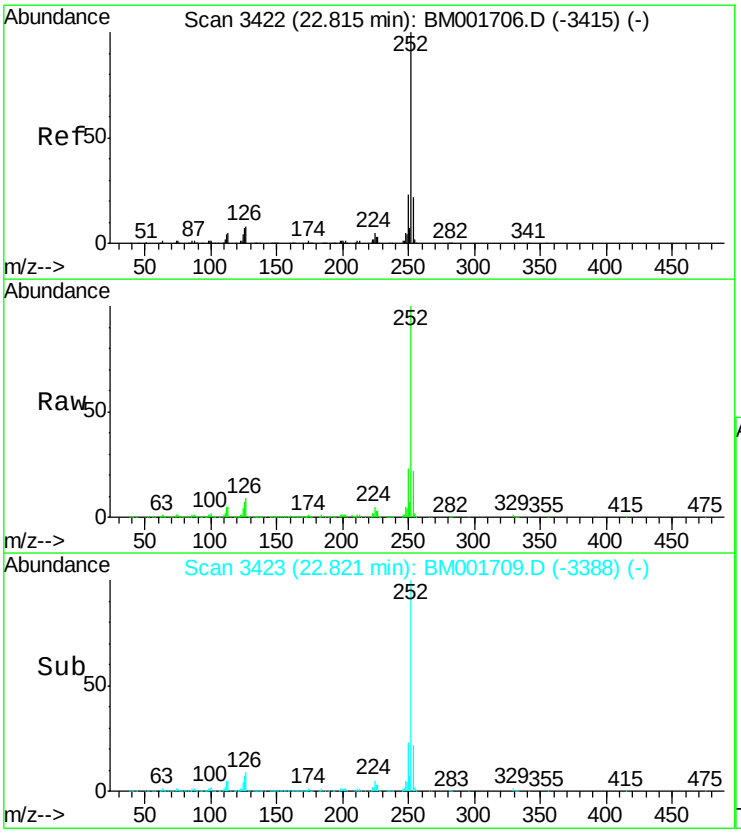


#86
Di-n-octyl phthalate
Concen: 77.84 ng/ul
RT: 22.05 min Scan# 3292
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion:149 Resp: 1808044

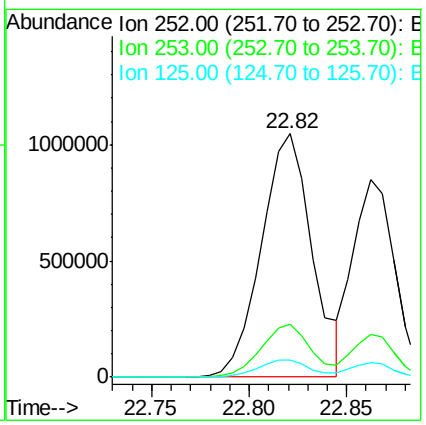


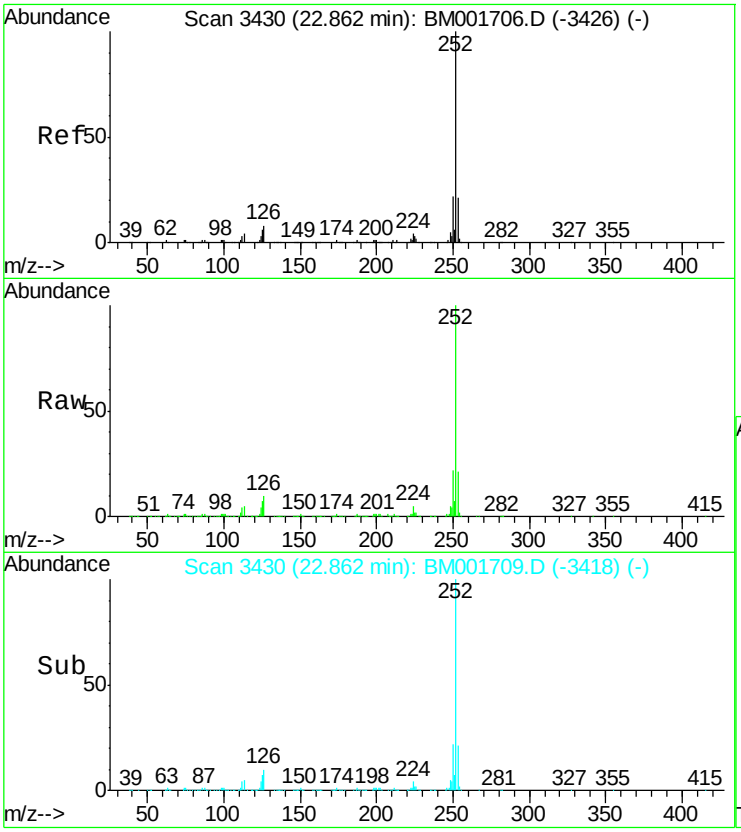


#87
Benzo(b)fluoranthene
Concen: 68.57 ng/ul
RT: 22.82 min Scan# 3423
Delta R.T. 0.01 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion:252 Resp: 1886507

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.2	5.3	7.9



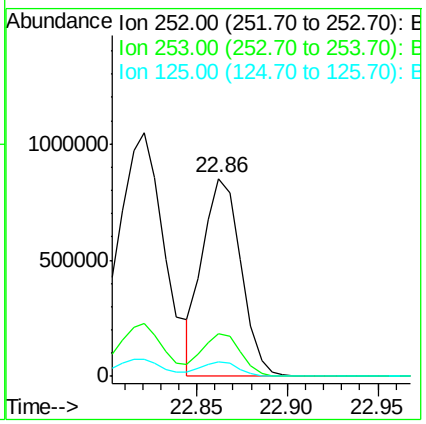


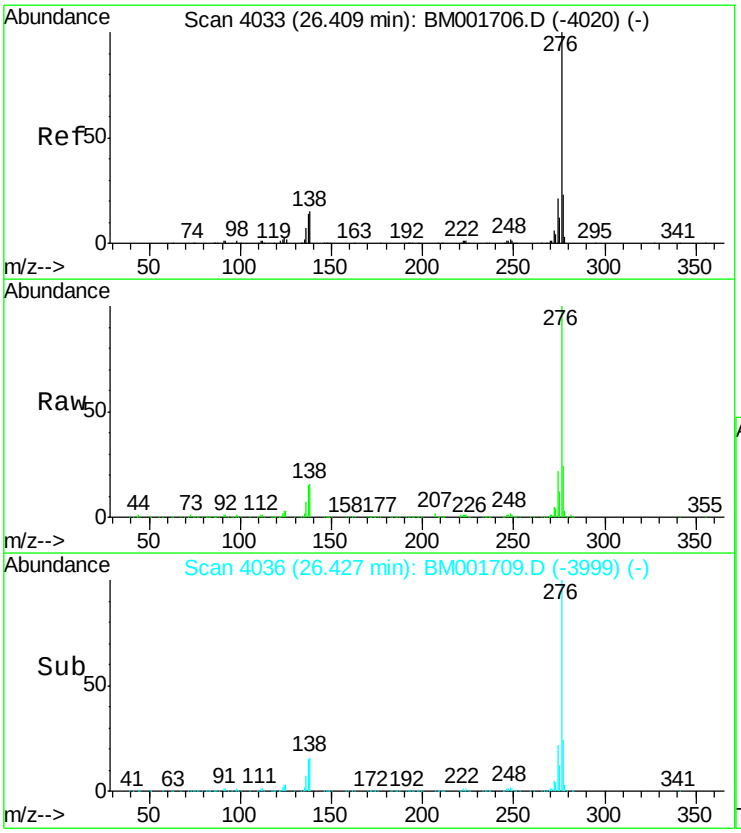
#88
Benzo(k)fluoranthene
Concen: 46.98 ng/ul
RT: 22.86 min Scan# 3430
Delta R.T. 0.00 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Instrument :
BNA_M
ClientSampleId :
X1W53

Tgt Ion:252 Resp: 1249145

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	7.5	5.3	7.9





#93
Benzo(g,h,i)perylene
Concen: 64.28 ng/ul
RT: 26.43 min Scan# 4036
Delta R.T. 0.02 min
Lab File: BM001709.D
Acq: 16 Jun 2015 12:02

Tgt Ion:276 Resp: 1715573

Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.6	19.0
277	23.6	18.7	28.1