Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
Data File : BM007310.D
Acq On : 29 Aug 2016 15:37
Operator : UM/SJ
Sample : H4575-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA259

Quant Time: Aug 30 10:32:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 30 02:26:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	93591	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	462155	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	347633	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	979600	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1413794	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	1630351	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7964	4.35	ng/uL	0.00
5) Phenol-d5	6.96	99	199513	22.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	105925	22.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	147076	22.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	174410	22.62	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	74702	22.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	88240	22.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	180344	22.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	224343	22.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	898296	29.95	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	926703	26.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	150156	26.52	ng/ul	0.00
57) Fluorene-d10	15.42	176	801703	30.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	141840	23.03	ng/ul	0.00
70) Anthracene-d10	17.27	188	1529129	33.42	ng/ul	0.00
76) Pyrene-d10	19.56	212	1976239	33.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	2501515	33.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	433910	47.32	ng/ul	95
20) Nitrobenzene	8.99	77	340068	39.02	ng/ul	100
21) Isophorone	9.51	82	870907	49.06	ng/ul	99
28) Naphthalene	10.63	128	1208696	52.59	ng/ul	100
34) 2-Methylnaphthalene	12.24	142	782504	41.59	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	482222	58.89	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	987149	36.62	ng/ul	98
47) Acenaphthylene	14.15	152	872672	24.40	ng/ul	98
53) Dibenzofuran	14.83	168	1844895	52.96	ng/ul	95
56) Diethylphthalate	15.25	149	1423584	45.69	ng/ul	98
66) Hexachlorobenzene	16.48	284	480840	38.82	ng/ul	98
68) Pentachlorophenol	16.82	266	524892	65.67	ng/ul	99
71) Anthracene	17.30	178	2814429	51.84	ng/ul	99
72) Carbazole	17.58	167	3120511	66.14	ng/ul	98
74) Fluoranthene	19.23	202	3590724	54.41	ng/ul	98
80) Benzo(a)anthracene	21.34	228	3482143	41.78	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	2372242	51.83	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	4578899	56.39	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	5657554	49.98	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	4932855	52.39	ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	5072427	52.77	ng/ul	98

```
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
Data File : BM007310.D
Acq On    : 29 Aug 2016  15:37
Operator  : UM/SJ
Sample    : H4575-20
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Quant Time: Aug 30 10:32:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title  : SVOA CALIBRATION
QLast Update : Tue Aug 30 02:26:11 2016
Response via : Initial Calibration
```

Instrument :
BNA_M
ClientSampleId :
DA259

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 Internal Standards                R.T. QIon  Response  Conc Units Dev(Min)
 --------------------------------------------------------------------------
 (#) = qualifier out of range (m) = manual integration (+) = signals summed
```

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
Data File : BM007310.D
Acq On : 29 Aug 2016 15:37
Operator : UM/SJ
Sample : H4575-20
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA259

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 30 02:26:11 2016
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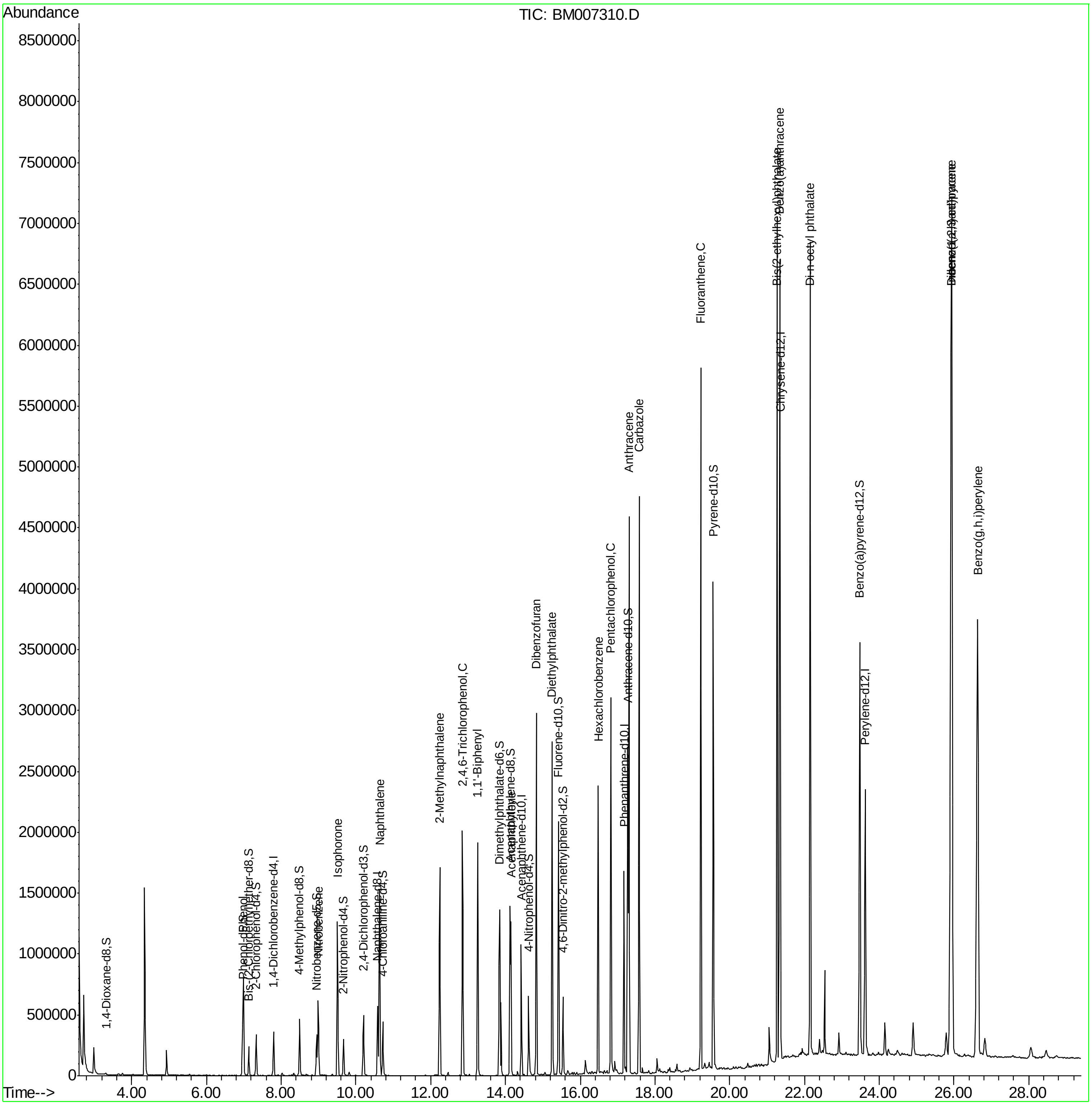
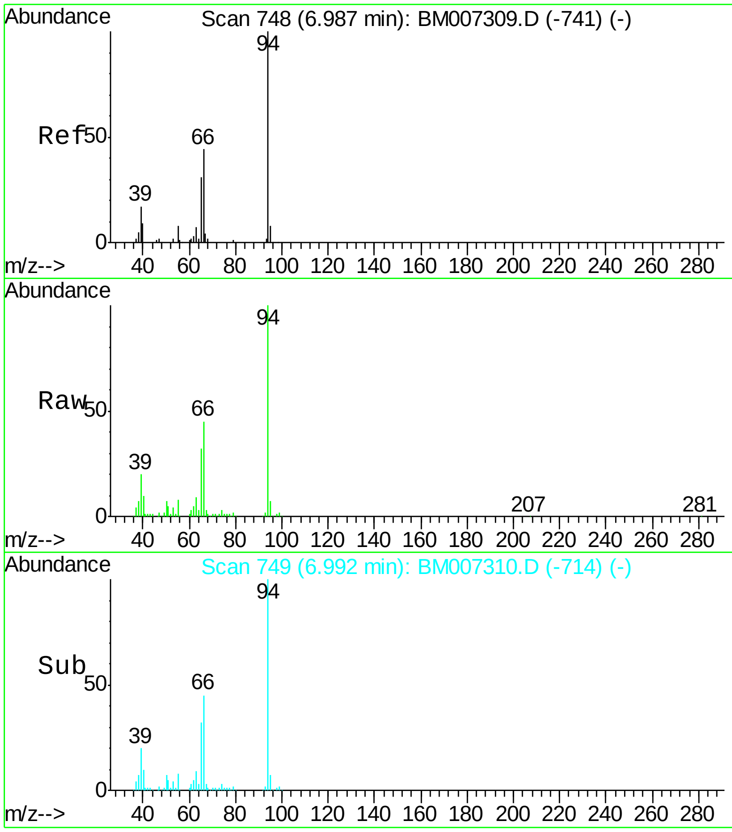


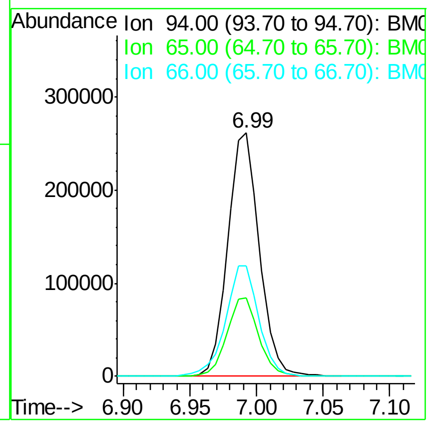


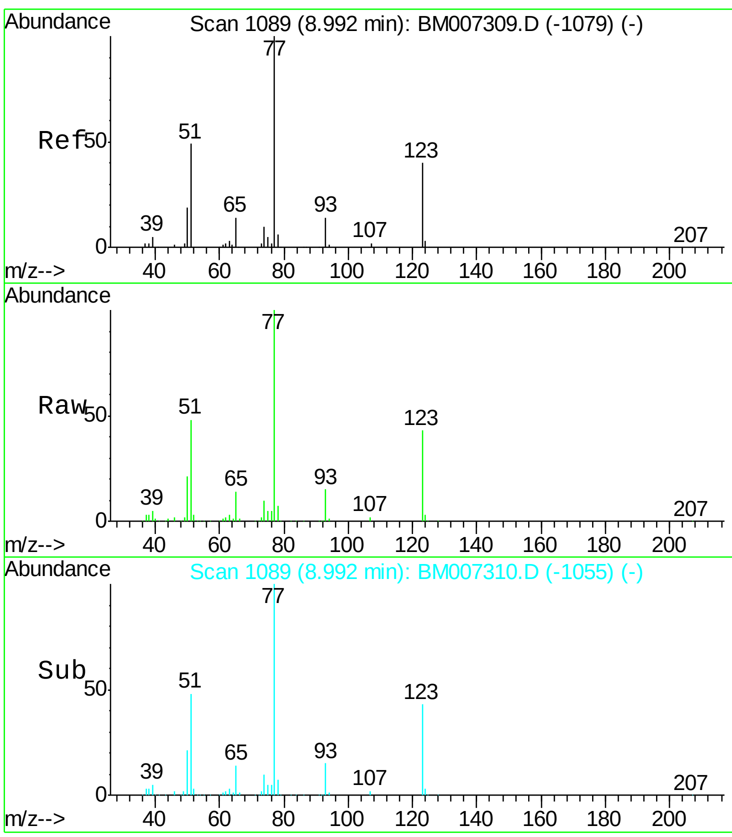
#6
Phenol
Concen: 47.32 ng/ul
RT: 6.99 min Scan# 749
Delta R.T. 0.01 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DA259

Tgt Ion: 94 Resp: 433910

Ion	Ratio	Lower	Upper
94	100		
65	32.4	23.9	35.9
66	45.4	33.5	50.3

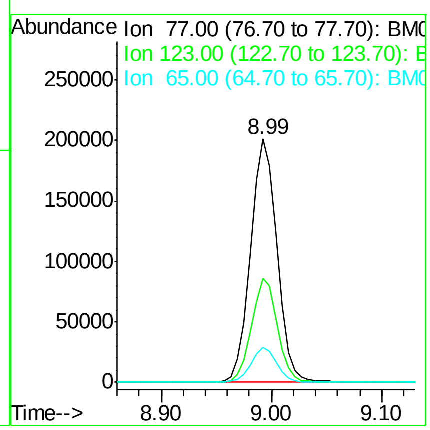


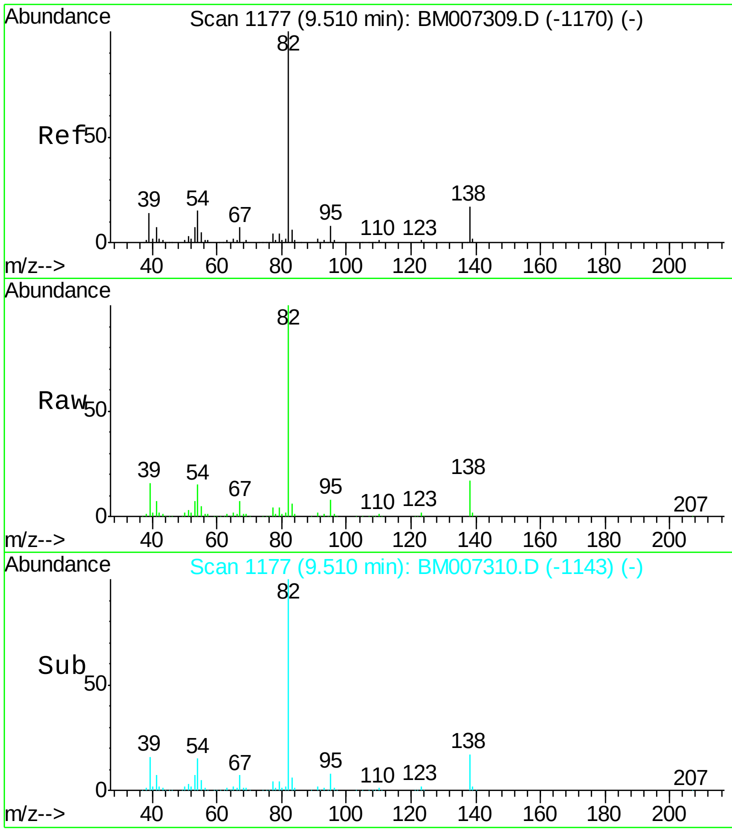


#20
Nitrobenzene
Concen: 39.02 ng/ul
RT: 8.99 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Tgt Ion: 77 Resp: 340068

Ion	Ratio	Lower	Upper
77	100		
123	42.6	34.2	51.4
65	14.2	11.0	16.6



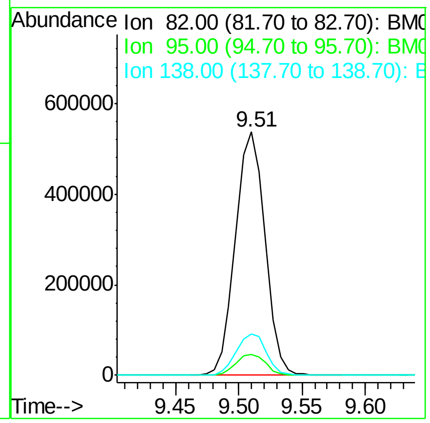


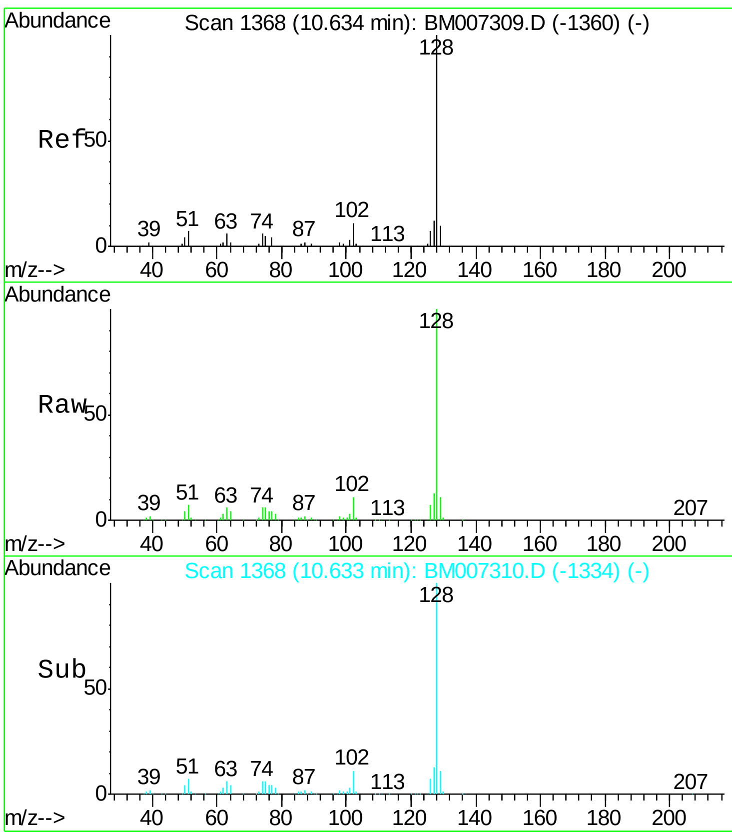
#21
Isophorone
Concen: 49.06 ng/ul
RT: 9.51 min   Scan# 1177
Delta R.T.   -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016   15:37

Instrument : BNA_M
ClientSampleId : DA259

Tgt Ion: 82 Resp: 870907

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.9	10.3
138	17.1	13.8	20.8

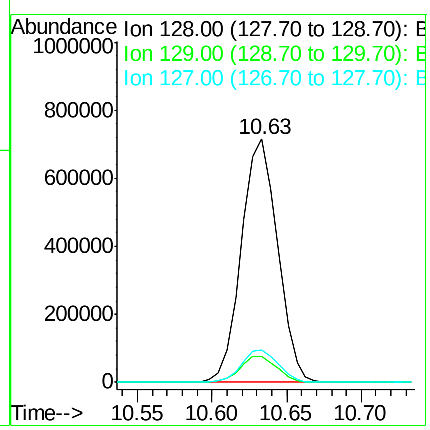


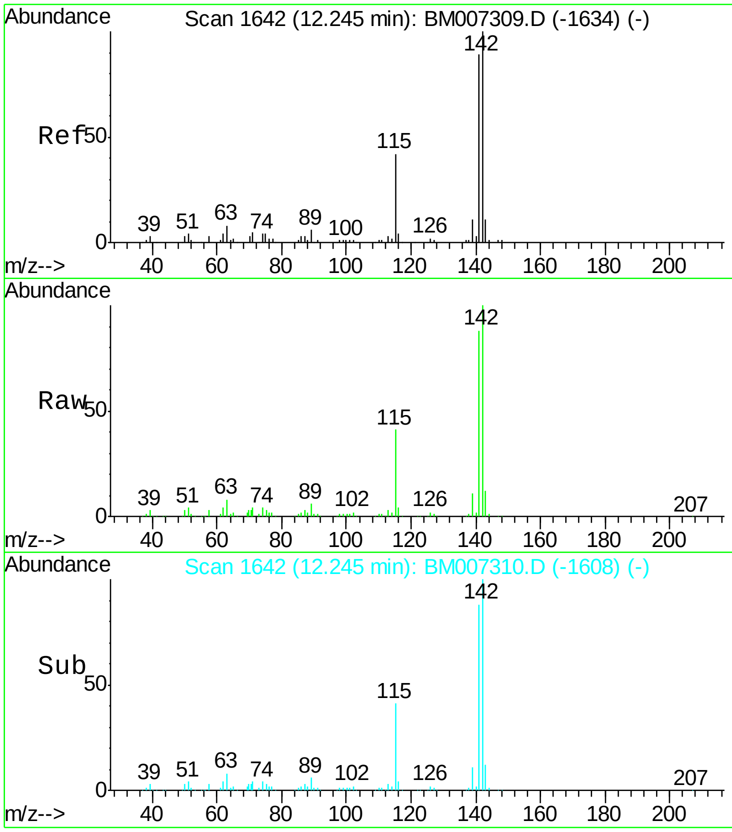


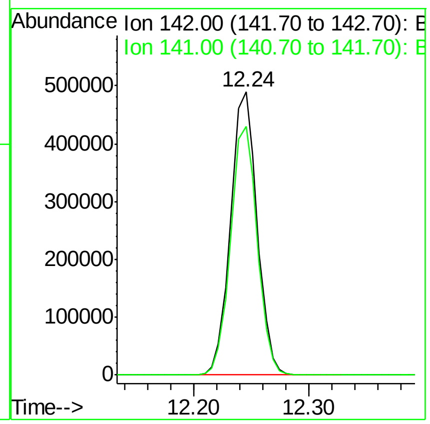
#28
Naphthalene
Concen: 52.59 ng/ul
RT: 10.63 min   Scan# 1368
Delta R.T.   -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016   15:37

Tgt Ion:128 Resp: 1208696

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.2	10.6	15.8





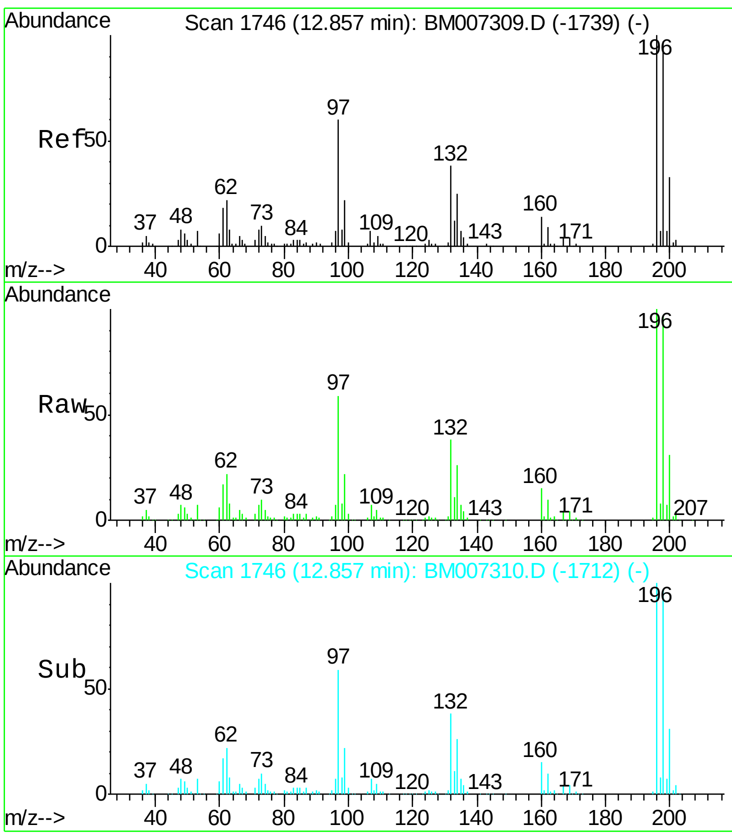


#34
2-Methylnaphthalene
Concen: 41.59 ng/ul
RT: 12.24 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Tgt Ion:142 Resp: 782504

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.3	106.9

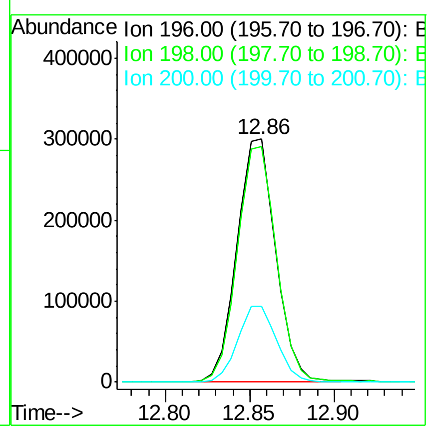
Instrument :
BNA_M
ClientSampleId :
DA259



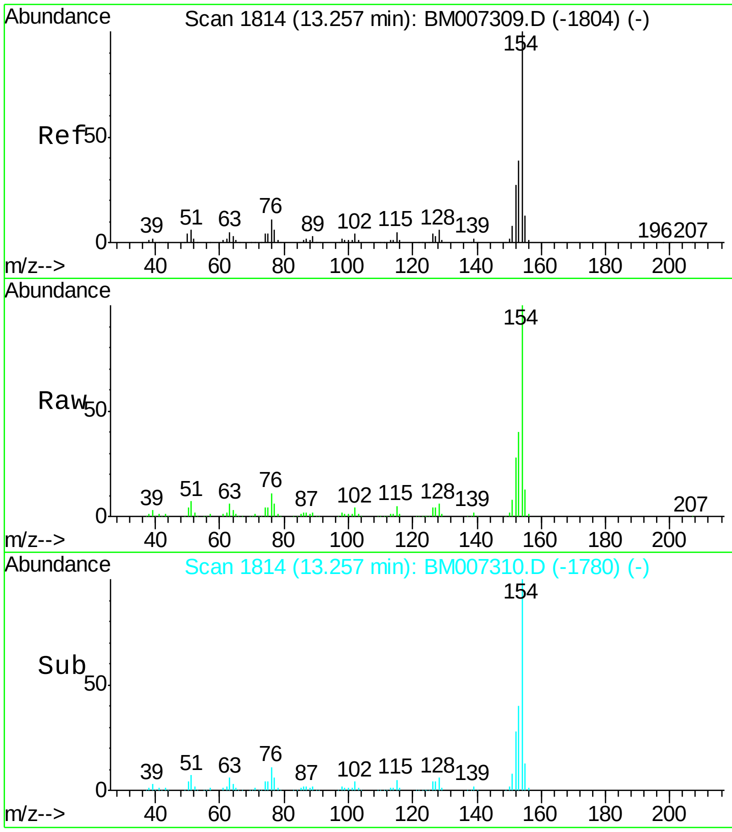
#38
2,4,6-Trichlorophenol
Concen: 58.89 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Tgt Ion:196 Resp: 482222

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.9	115.3
200	31.0	25.1	37.7



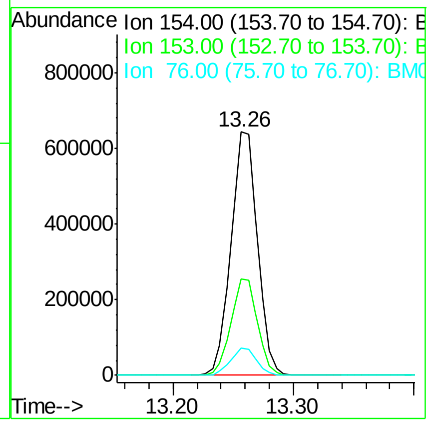
Instrument :
BNA_M
ClientSampleId :
DA259

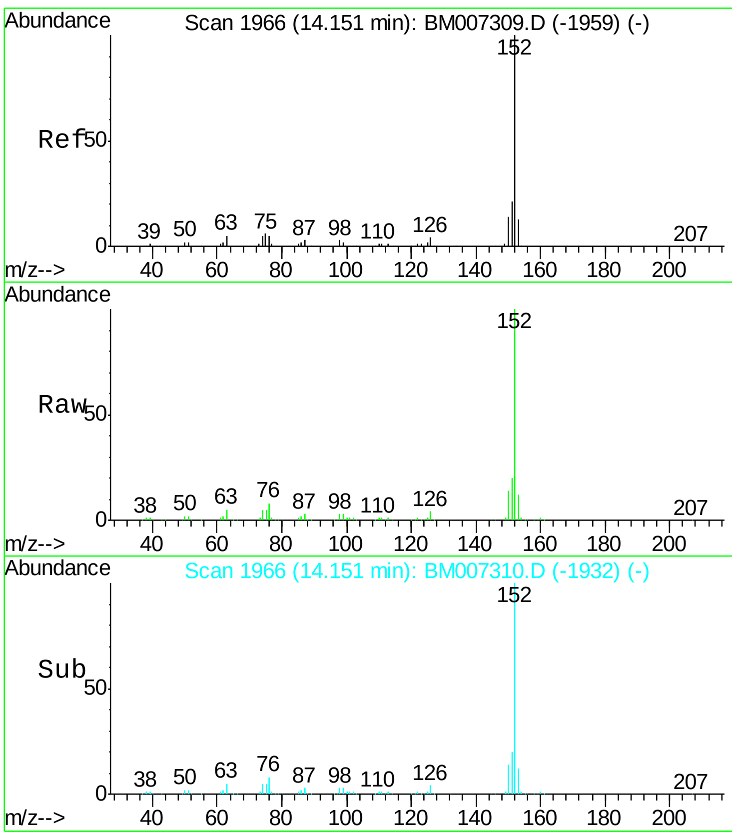


#40
1,1'-Biphenyl
Concen: 36.62 ng/ul
RT: 13.26 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Tgt Ion:154 Resp: 987149

Ion	Ratio	Lower	Upper
154	100		
153	39.8	31.3	46.9
76	11.3	10.0	15.0

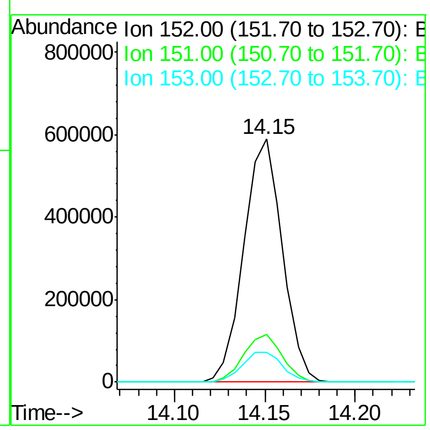


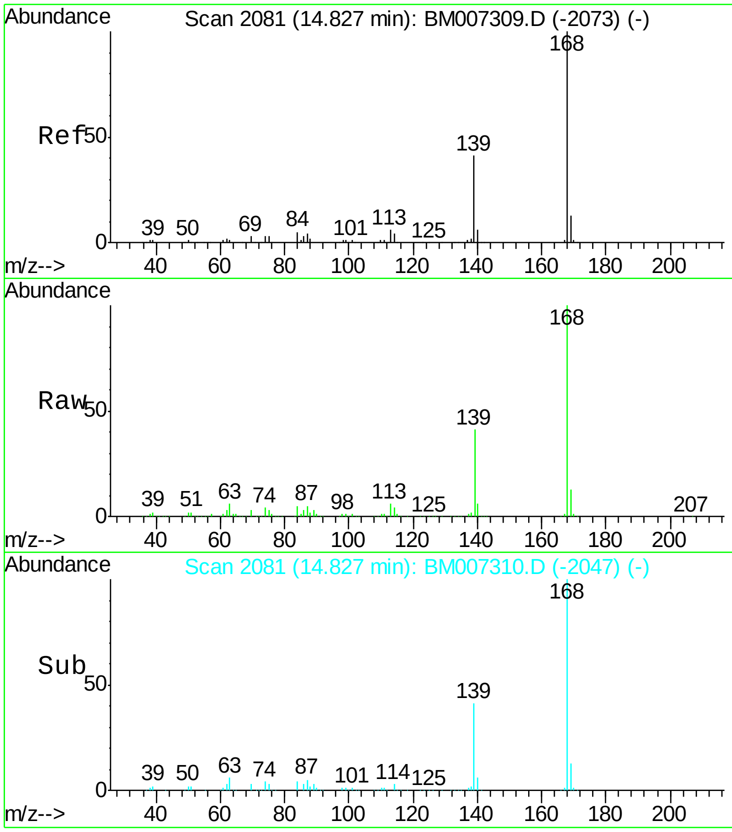


#47
Acenaphthylene
Concen: 24.40 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Tgt Ion:152 Resp: 872672

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	12.4	11.0	16.6



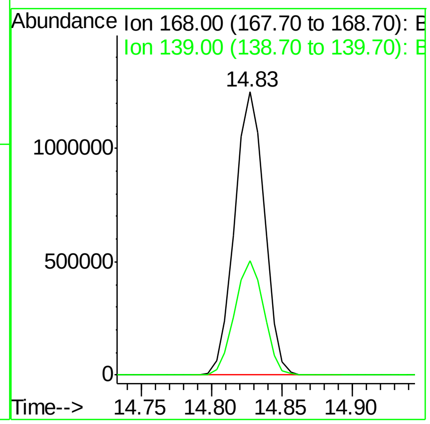


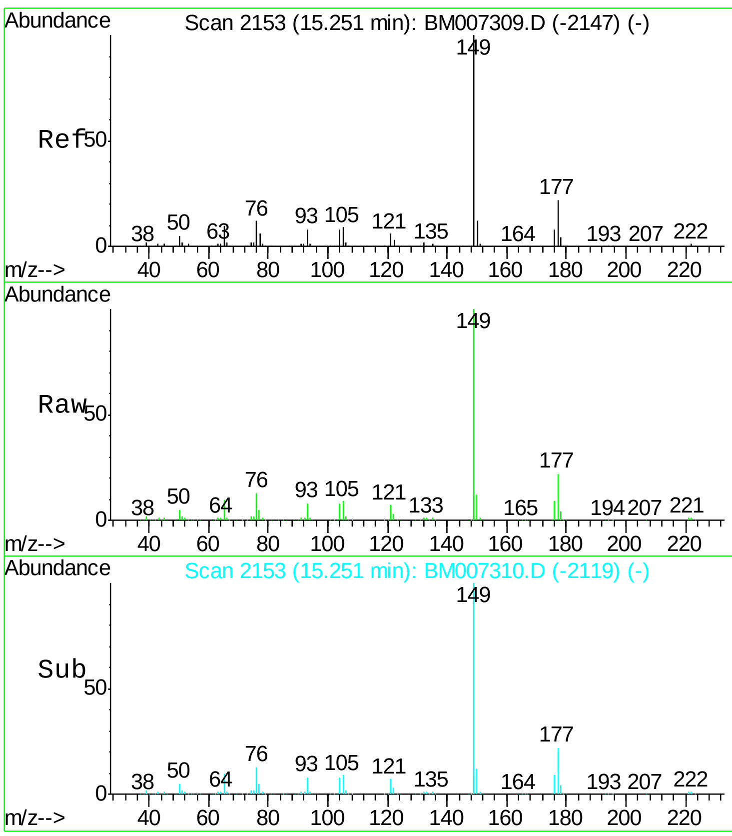
#53
Dibenzofuran
Concen: 52.96 ng/ul
RT: 14.83 min   Scan# 2081
Delta R.T.   -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016   15:37

Instrument :
BNA_M
ClientSampleId :
DA259

Tgt Ion:168 Resp: 1844895

Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.1	45.1

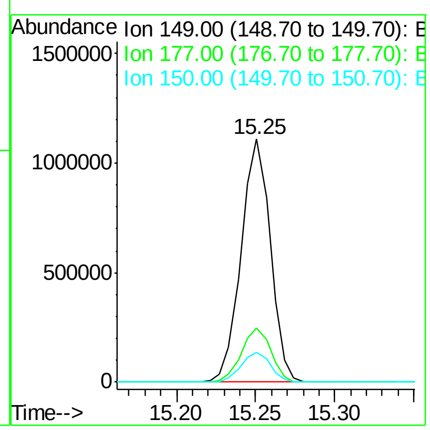


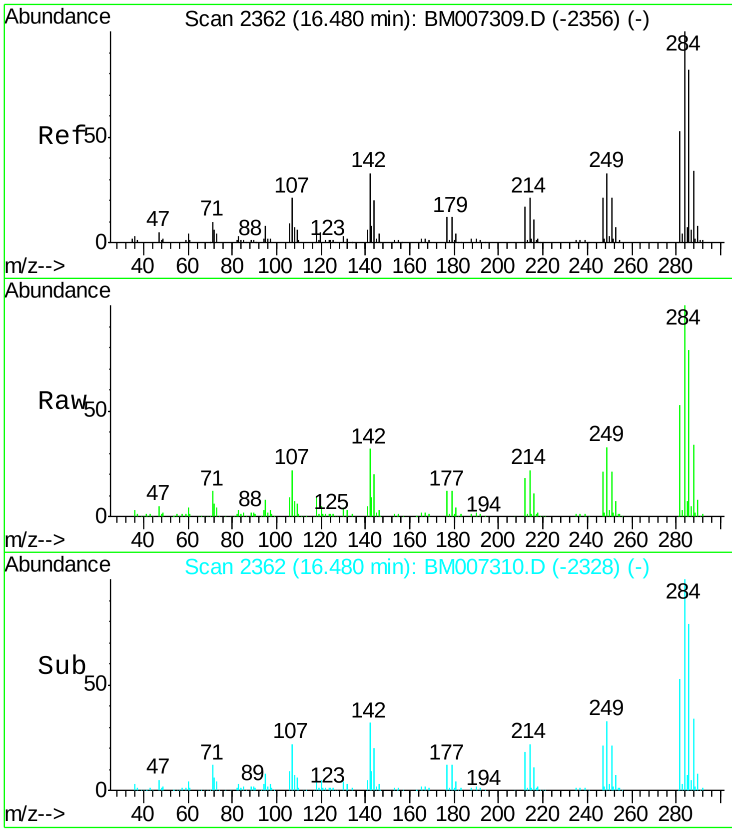


#56
Diethylphthalate
Concen: 45.69 ng/ul
RT: 15.25 min   Scan# 2153
Delta R.T.   -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016   15:37

Tgt Ion:149 Resp: 1423584

Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.6	28.0
150	12.5	10.0	15.0



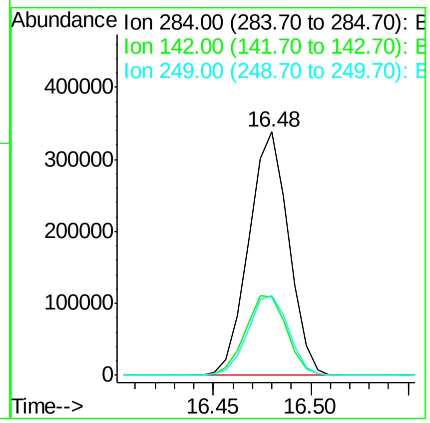


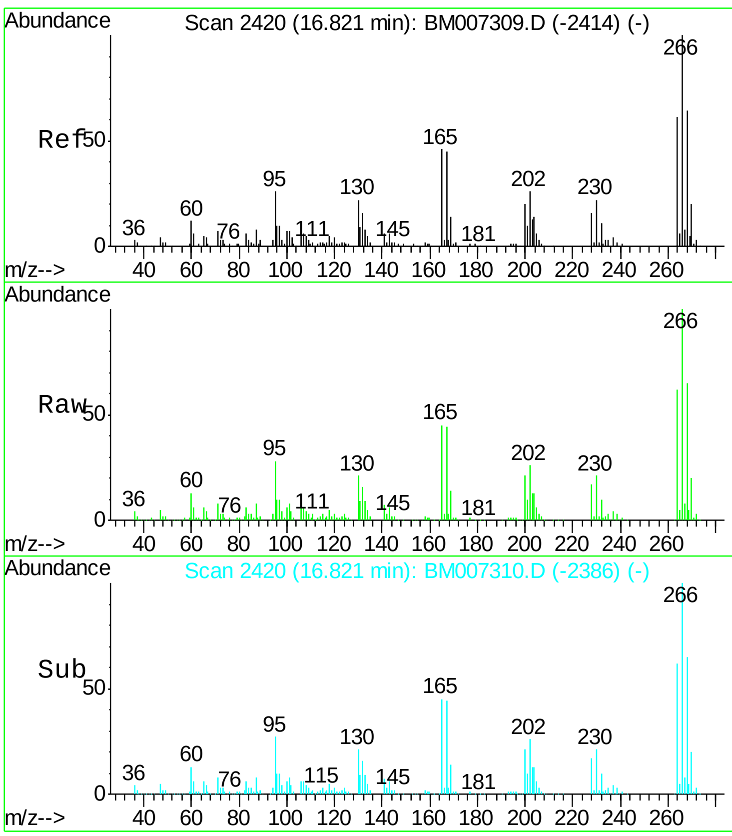
#66
Hexachlorobenzene
Concen: 38.82 ng/ul
RT: 16.48 min   Scan# 2362
Delta R.T.   -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016   15:37

Instrument :
BNA_M
ClientSampleId :
DA259

Tgt Ion:284 Resp: 480840

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.9	37.3
249	32.7	25.5	38.3

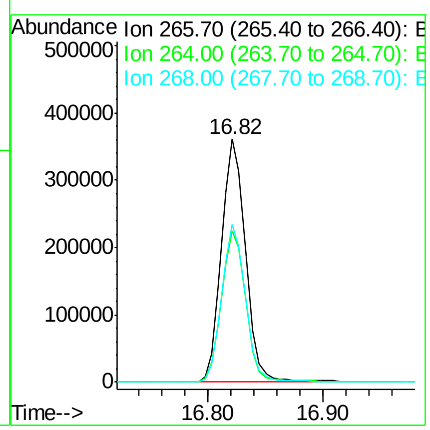


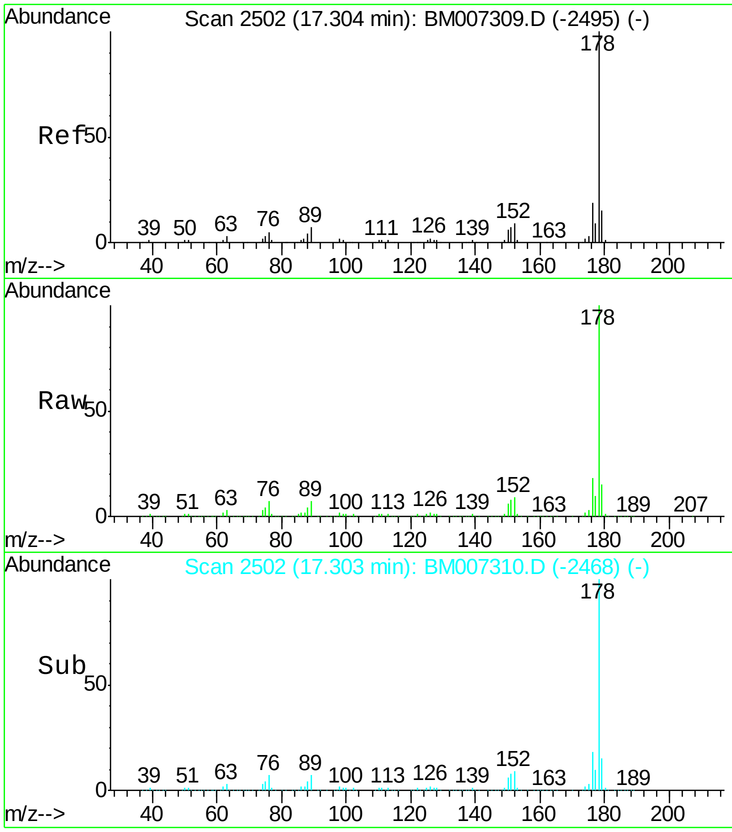


#68
Pentachlorophenol
Concen: 65.67 ng/ul
RT: 16.82 min   Scan# 2420
Delta R.T.   -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016   15:37

Tgt Ion:266 Resp: 524892

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.6	75.8
268	64.9	51.0	76.6



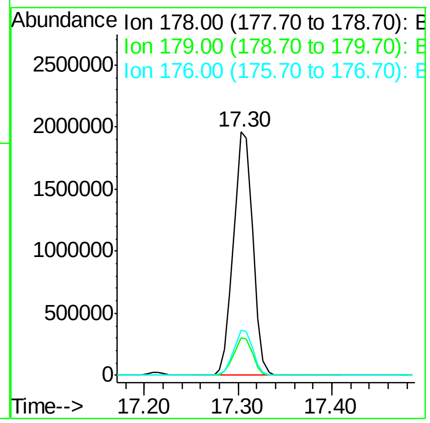


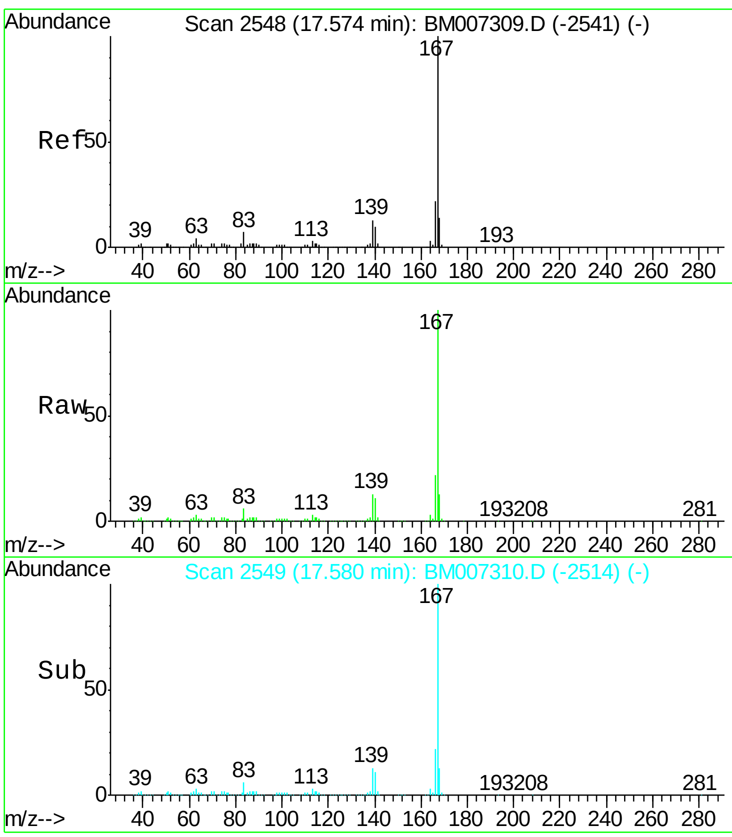
#71
Anthracene
Concen: 51.84 ng/ul
RT: 17.30 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Instrument : BNA_M
ClientSampleId : DA259

Tgt Ion:178 Resp: 2814429

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.5	14.5	21.7

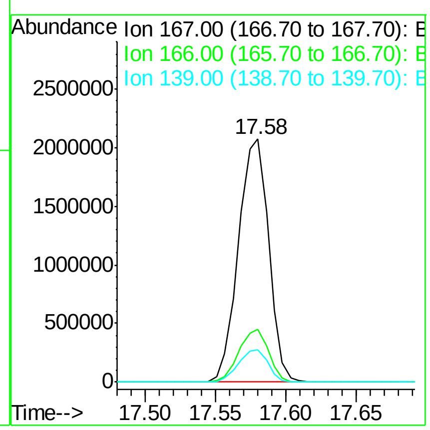


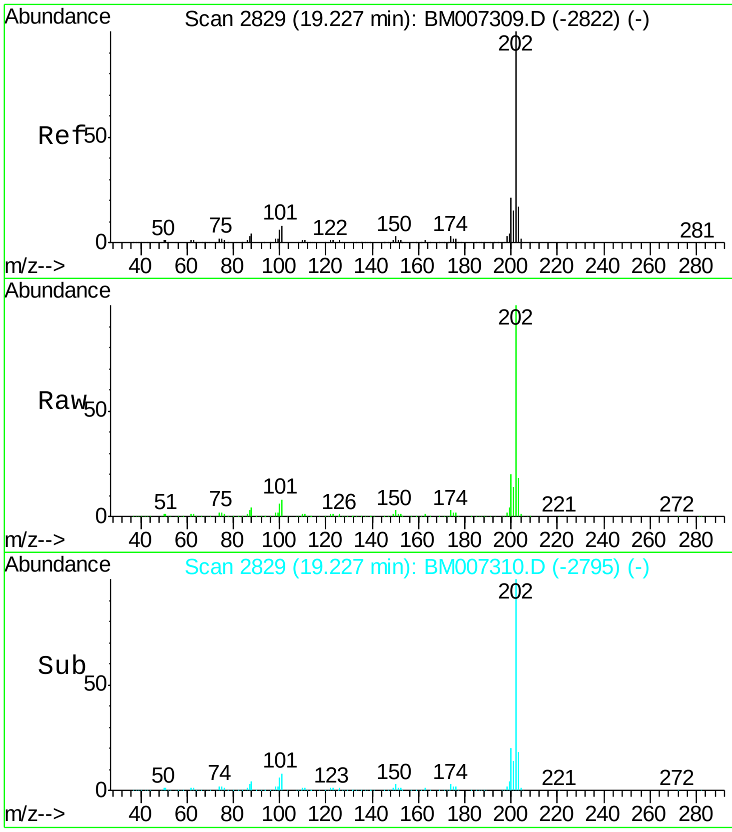


#72
Carbazole
Concen: 66.14 ng/ul
RT: 17.58 min Scan# 2549
Delta R.T. 0.01 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Tgt Ion:167 Resp: 3120511

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.6	25.0
139	13.4	10.2	15.4



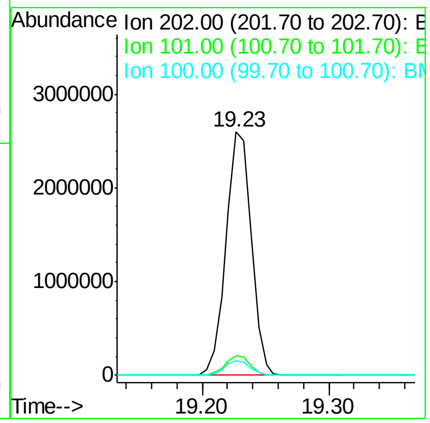


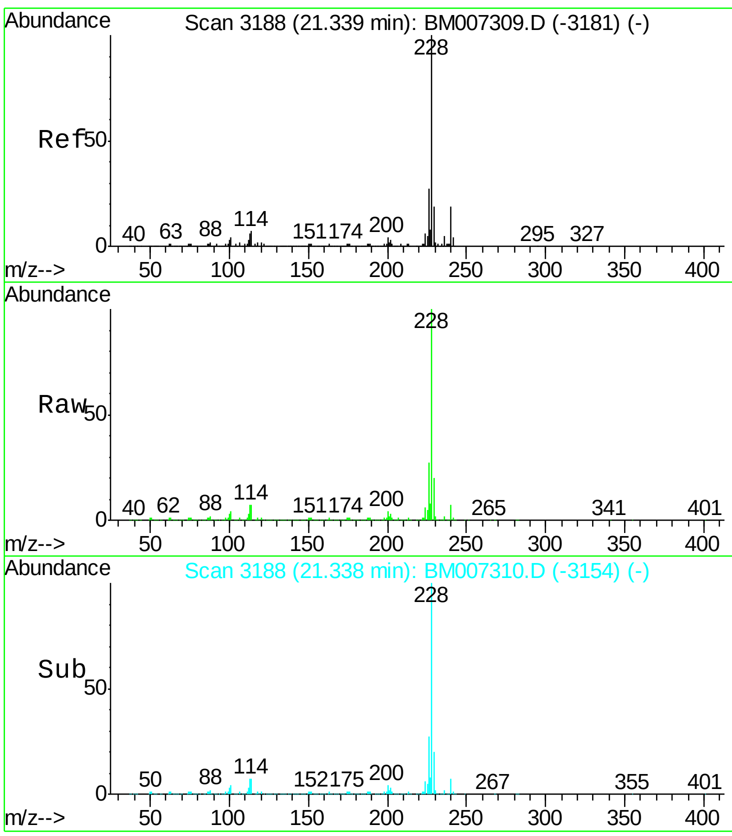
#74
Fluoranthene
Concen: 54.41 ng/ul
RT: 19.23 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DA259

Tgt Ion:202 Resp: 3590724

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.9	10.3
100	6.1	5.4	8.0

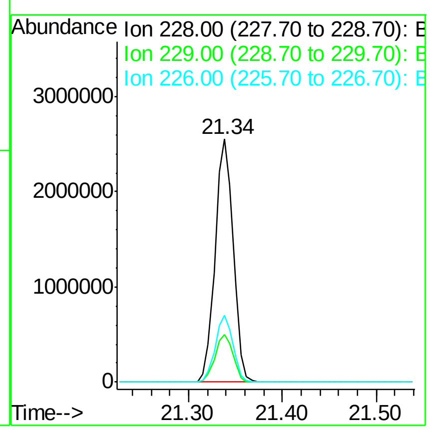


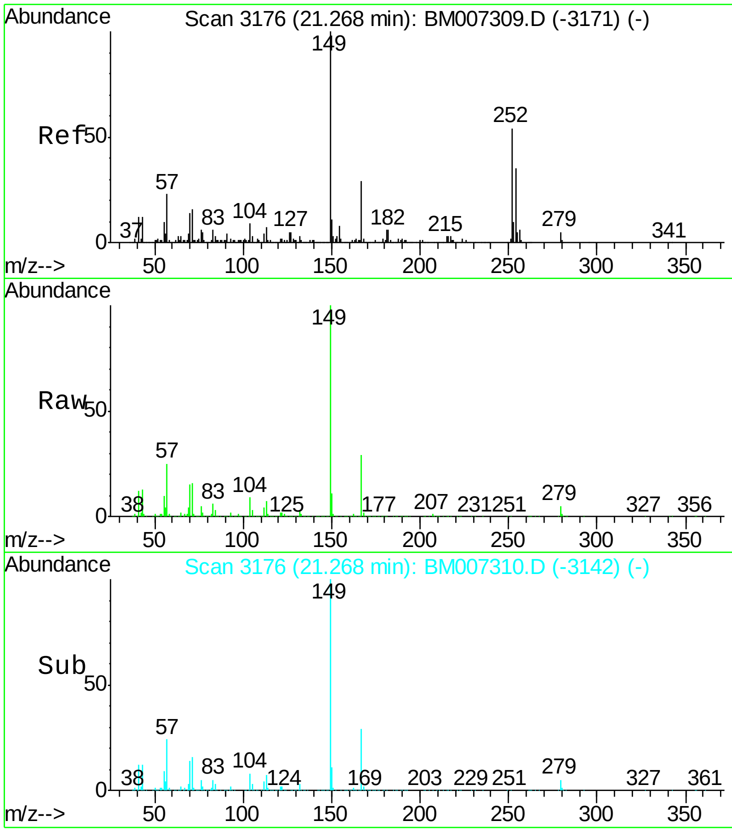


#80
Benzo(a)anthracene
Concen: 41.78 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Tgt Ion:228 Resp: 3482143

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	27.4	21.8	32.8



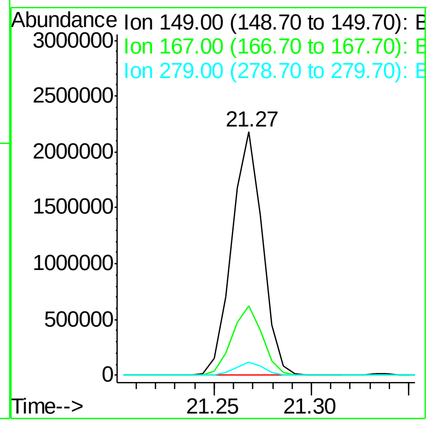


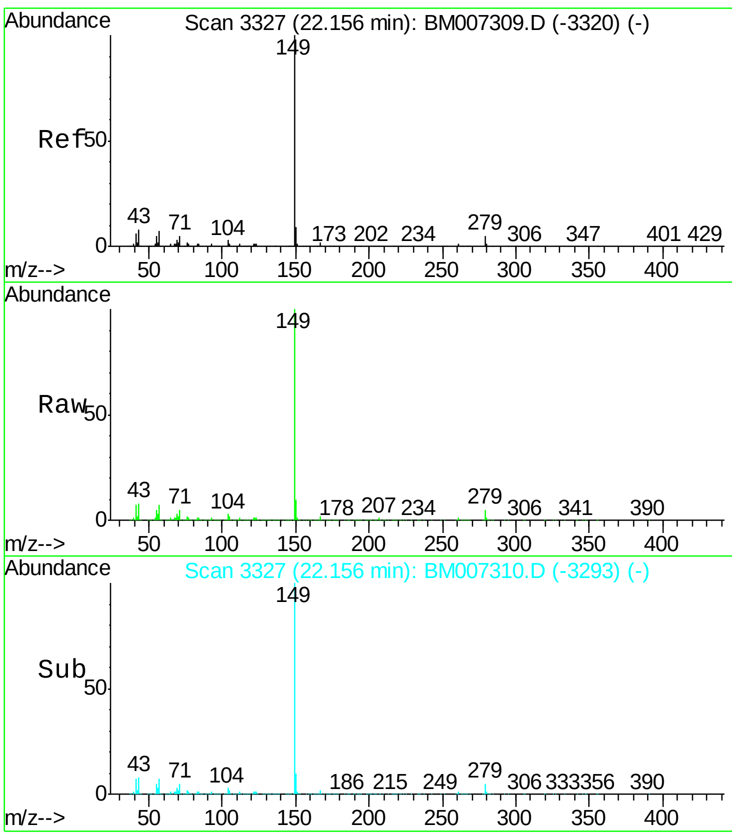
#81
Bis(2-ethylhexyl)phthalate
Concen: 51.83 ng/ul
RT: 21.27 min   Scan# 3176
Delta R.T.   -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016   15:37

Instrument :
BNA_M
ClientSampleId :
DA259

Tgt Ion:149 Resp: 2372242

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.2	34.8
279	5.2	4.1	6.1

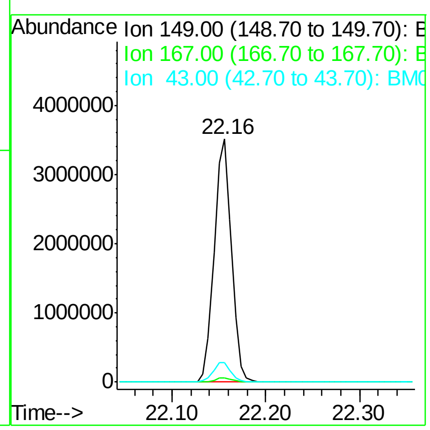


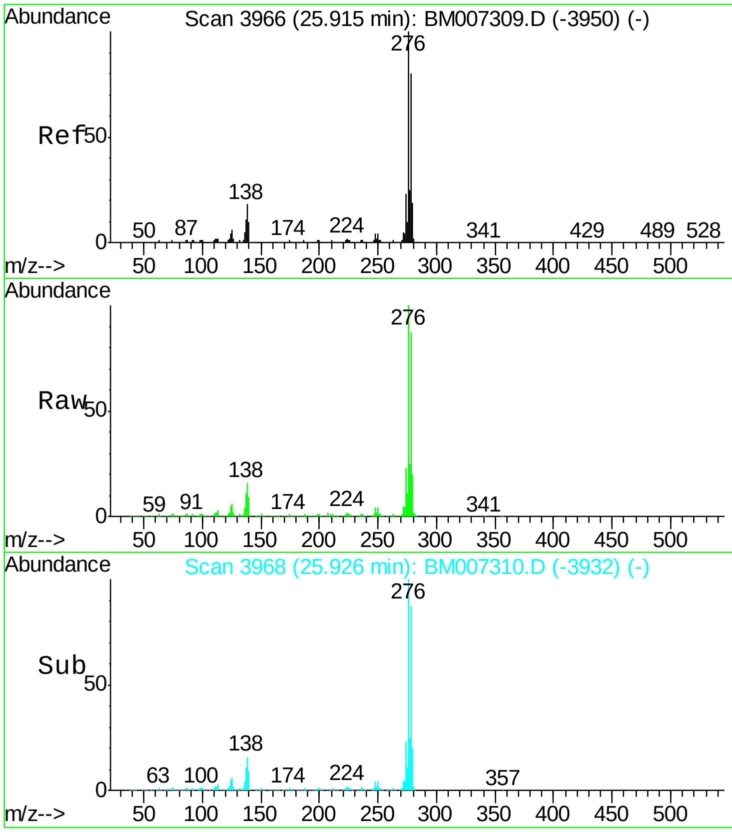


#84
Di-n-octyl phthalate
Concen: 56.39 ng/ul
RT: 22.16 min   Scan# 3327
Delta R.T.   -0.00 min
Lab File: BM007310.D
Acq: 29 Aug 2016   15:37

Tgt Ion:149 Resp: 4578899

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.9	6.6	10.0



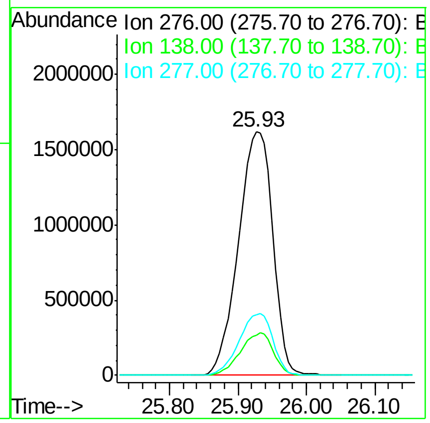


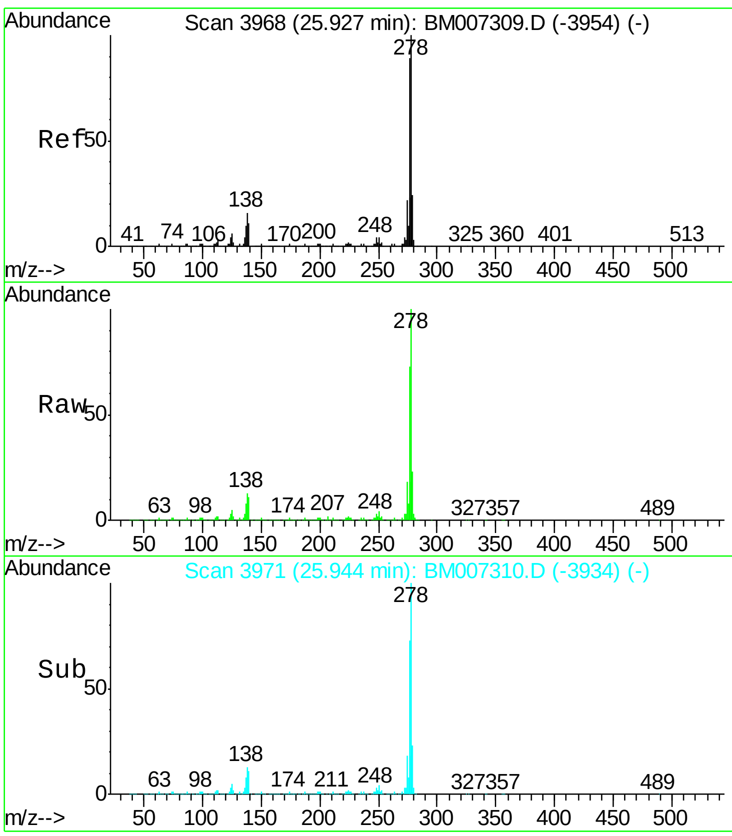
#89
Indeno(1,2,3-cd)pyrene
Concen: 49.98 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. 0.01 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Instrument : BNA_M
ClientSampleId : DA259

Tgt Ion:276 Resp: 5657554

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.9	20.9
277	25.1	20.1	30.1

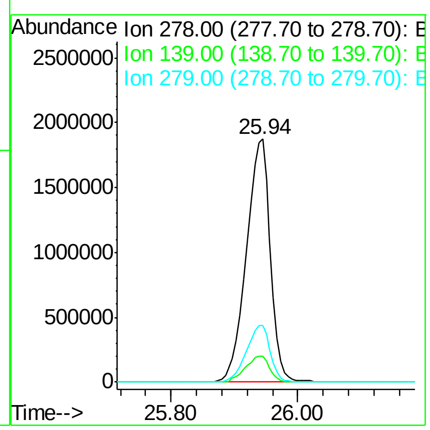


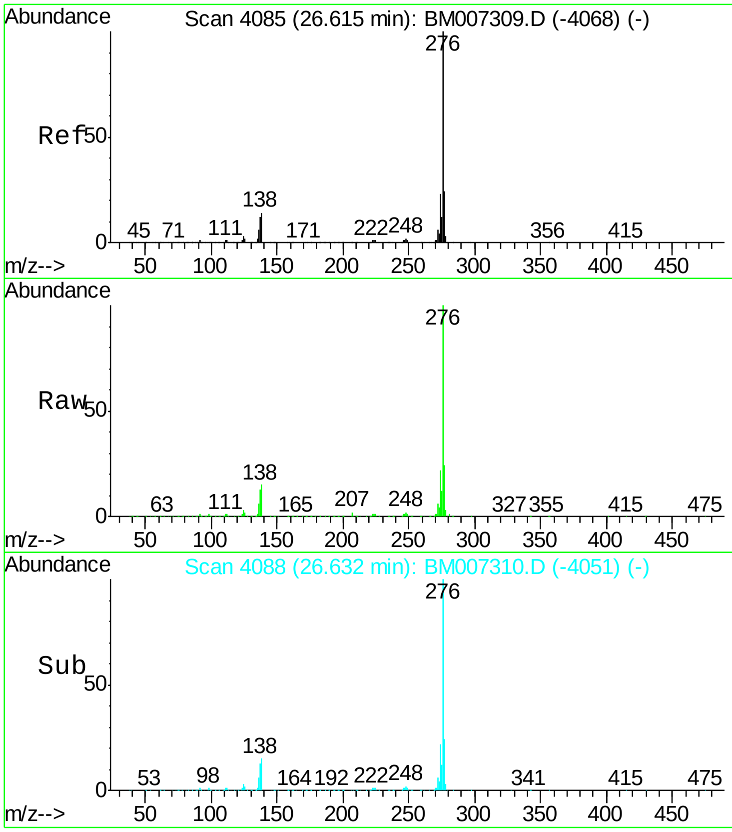


#90
Dibenzo(a,h)anthracene
Concen: 52.39 ng/ul
RT: 25.94 min Scan# 3971
Delta R.T. 0.02 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Tgt Ion:278 Resp: 4932855

Ion	Ratio	Lower	Upper
278	100		
139	10.7	9.5	14.3
279	23.3	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 52.77 ng/ul
RT: 26.63 min Scan# 4088
Delta R.T. 0.02 min
Lab File: BM007310.D
Acq: 29 Aug 2016 15:37

Instrument : BNA_M
ClientSampleId : DA259

Tgt Ion:276 Resp: 5072427

Ion	Ratio	Lower	Upper
276	100		
138	15.1	13.5	20.3
277	23.9	19.3	28.9