Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102416\
Data File : BM007717.D
Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

Quant Time: Oct 24 13:46:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 24 12:55:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	177308	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	670855	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	425280	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	843589	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1049868	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1048728	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	14986	3.62	ng/uL	0.00
5) Phenol-d5	6.93	99	320822	23.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	191542	23.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	249878	23.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	250161	23.36	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	115505	23.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	124520	24.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	243921	24.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	232856	20.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	849465	29.34	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	957848	27.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	101834	22.24	ng/ul	0.00
57) Fluorene-d10	15.38	176	753537	29.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	87790	17.52	ng/ul	0.00
70) Anthracene-d10	17.23	188	1200562	31.58	ng/ul	0.00
76) Pyrene-d10	19.53	212	1400374	32.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	1498278	32.72	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.95	94	721271	51.35	ng/ul	99
20) Nitrobenzene	8.95	77	546220	43.99	ng/ul	99
21) Isophorone	9.47	82	1209738	56.95	ng/ul	98
28) Naphthalene	10.58	128	1907142	58.44	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	1063177	45.81	ng/ul	100
38) 2,4,6-Trichlorophenol	12.81	196	543025	71.11	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	1182741	39.44	ng/ul	99
47) Acenaphthylene	14.10	152	960655	27.18	ng/ul	99
53) Dibenzofuran	14.79	168	1887885	53.91	ng/ul	97
56) Diethylphthalate	15.21	149	1249791	44.90	ng/ul	99
66) Hexachlorobenzene	16.44	284	399996	37.53	ng/ul	96
68) Pentachlorophenol	16.79	266	387374	64.86	ng/ul	99
71) Anthracene	17.27	178	2335308	51.13	ng/ul	99
72) Carbazole	17.54	167	2449987	61.98	ng/ul	99
74) Fluoranthene	19.19	202	2621836	50.00	ng/ul	99
80) Benzo(a)anthracene	21.30	228	2314539	41.25	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	1623908	57.15	ng/ul	99
84) Di-n-octyl phthalate	22.11	149	3046924	57.31	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.84	276	3410228	50.44	ng/ul	99
90) Dibenzo(a,h)anthracene	25.86	278	3005008	52.69	ng/ul	99
91) Benzo(g,h,i)perylene	26.54	276	3039564	53.54	ng/ul	99

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102416\
Data File : BM007717.D
Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2683

Quant Time: Oct 24 13:46:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 24 12:55:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102416\
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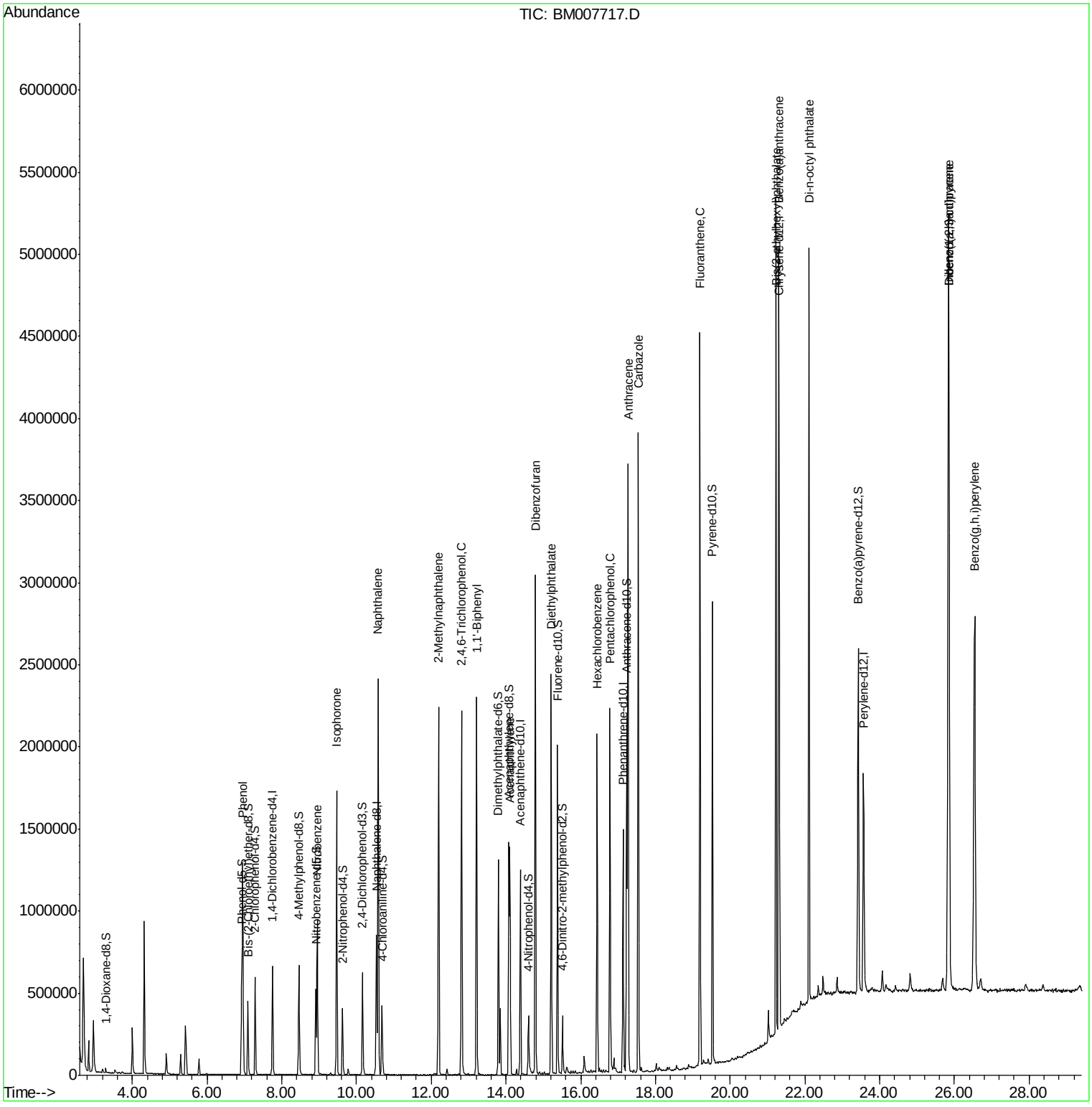
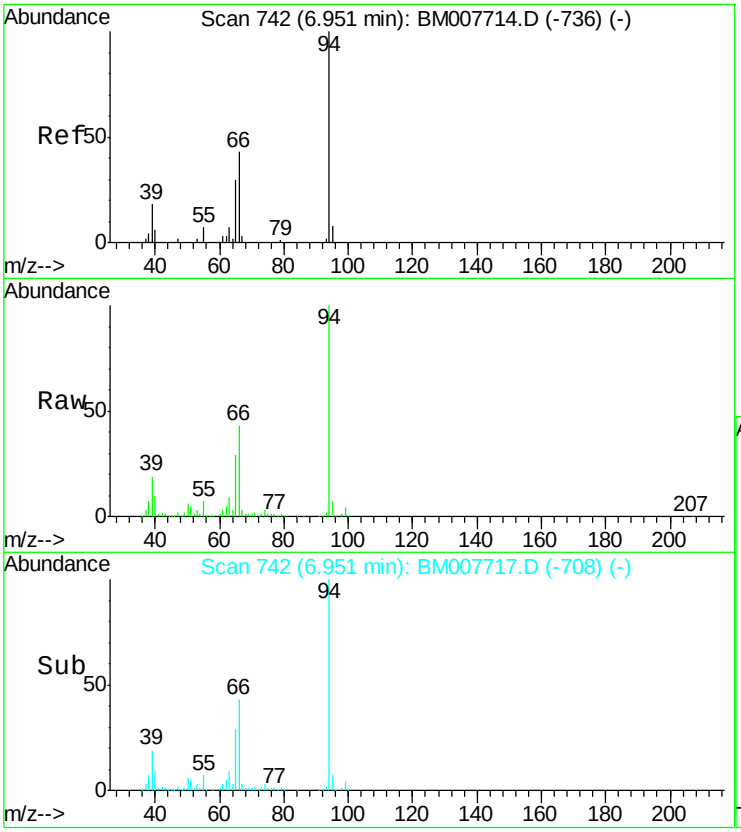


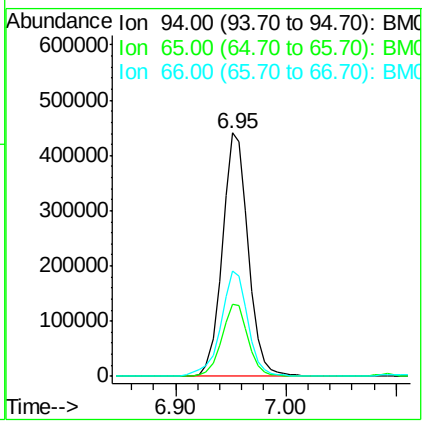


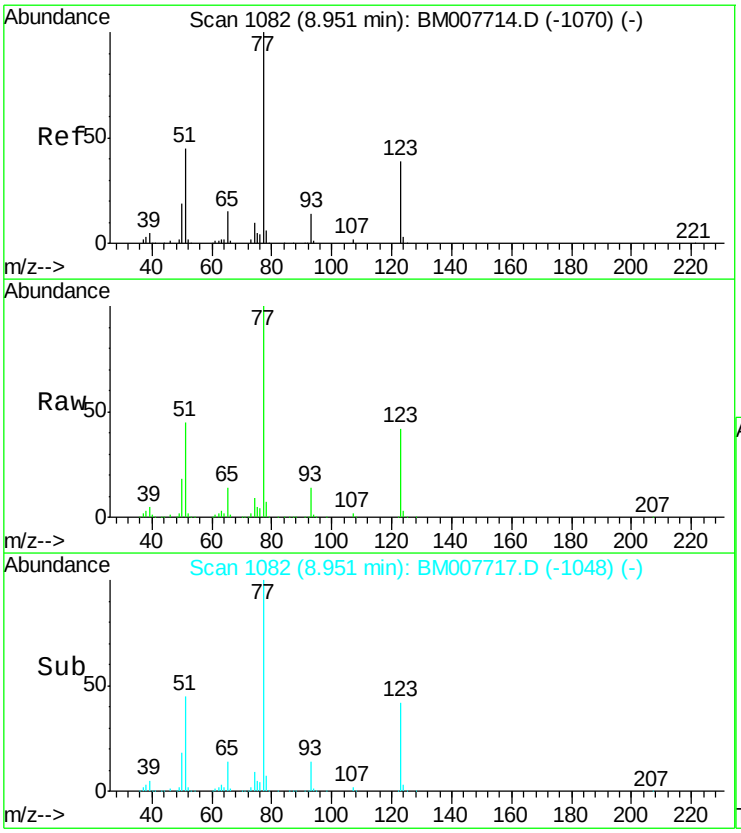
#6
Phenol
Concen: 51.35 ng/ul
RT: 6.95 min Scan# 742
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion: 94 Resp: 721271

Ion	Ratio	Lower	Upper
94	100		
65	29.4	23.9	35.9
66	43.0	33.5	50.3

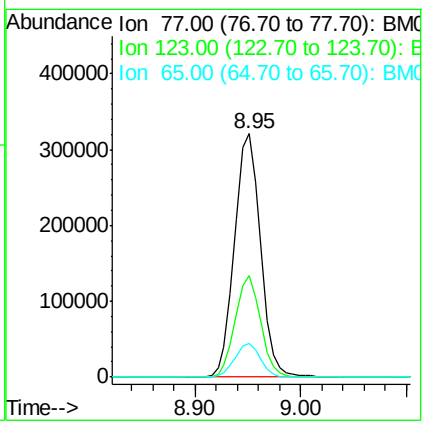


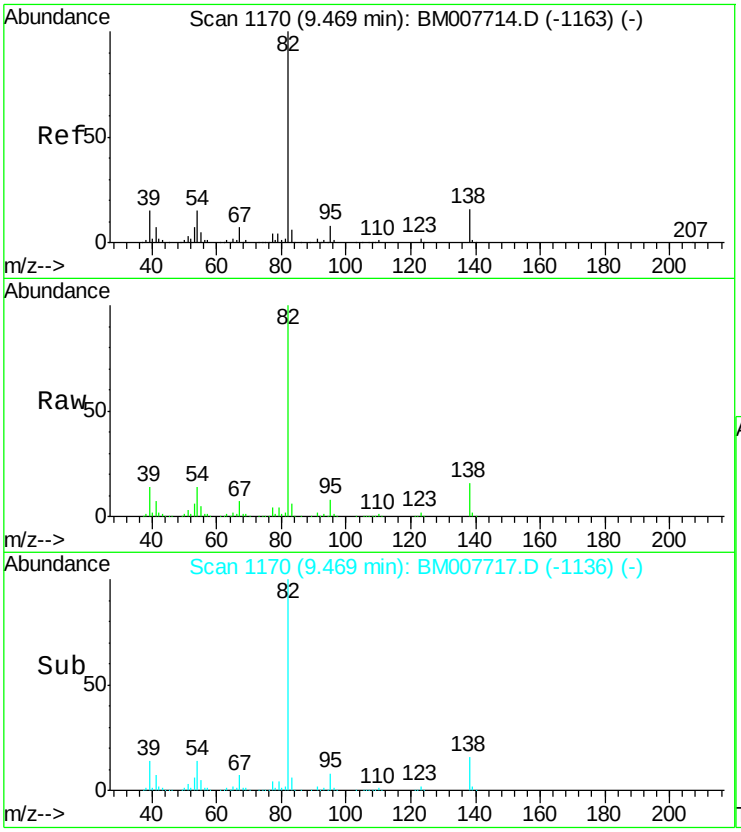


#20
Nitrobenzene
Concen: 43.99 ng/ul
RT: 8.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion: 77 Resp: 546220

Ion	Ratio	Lower	Upper
77	100		
123	41.9	34.2	51.4
65	14.1	11.0	16.6



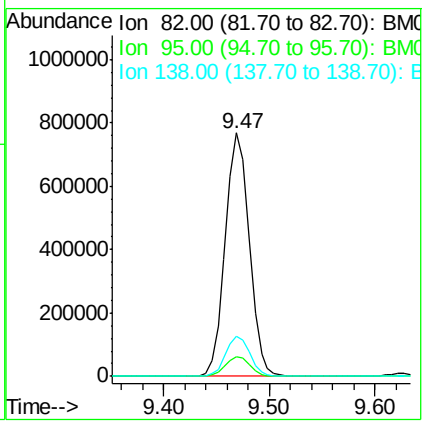


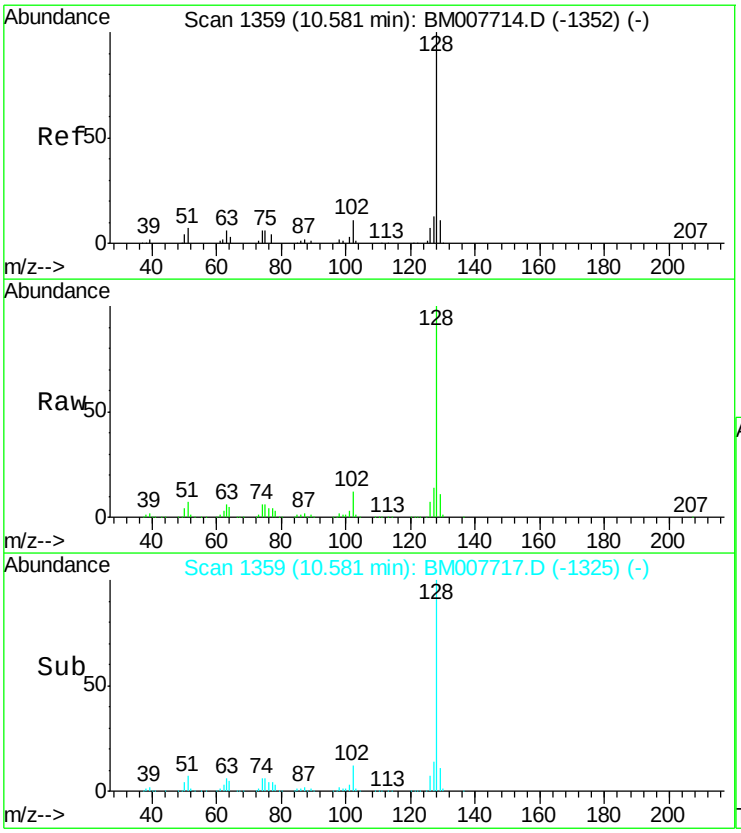
#21
Isophorone
Concen: 56.95 ng/ul
RT: 9.47 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion: 82 Resp: 1209738

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.9	10.3
138	16.4	13.8	20.8

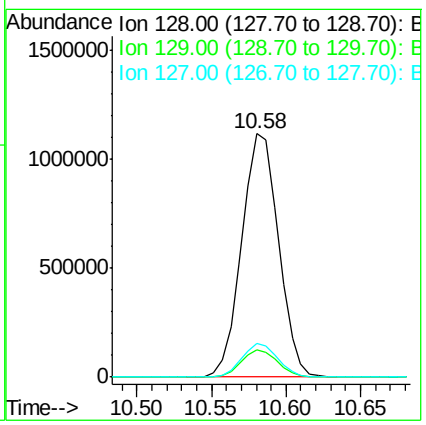


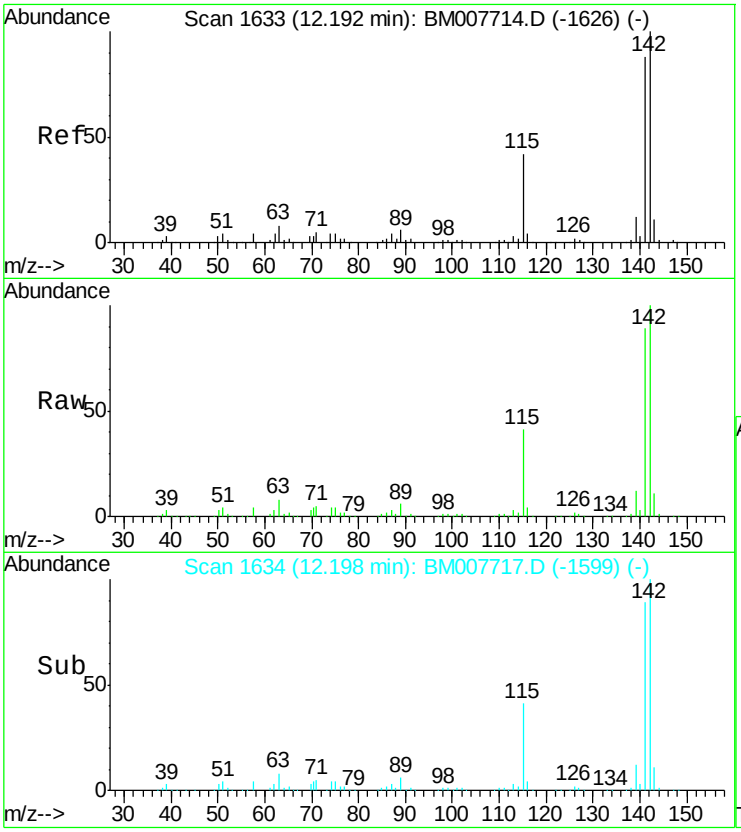


#28
Naphthalene
Concen: 58.44 ng/ul
RT: 10.58 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion:128 Resp: 1907142

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.6	10.6	15.8



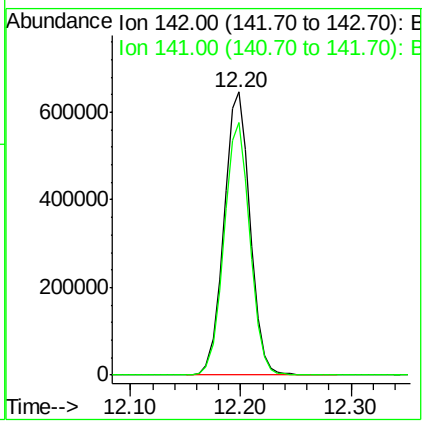


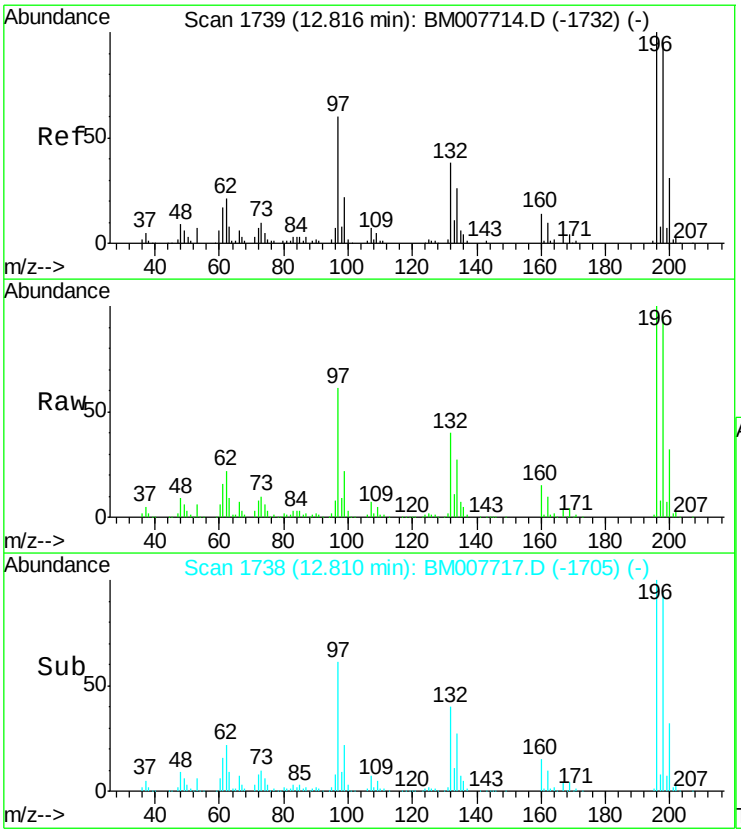
#34
2-Methylnaphthalene
Concen: 45.81 ng/ul
RT: 12.20 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion:142 Resp: 1063177

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9

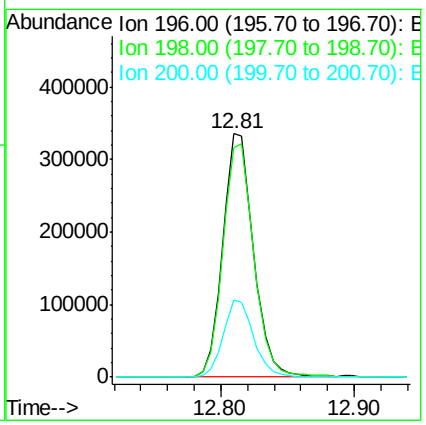


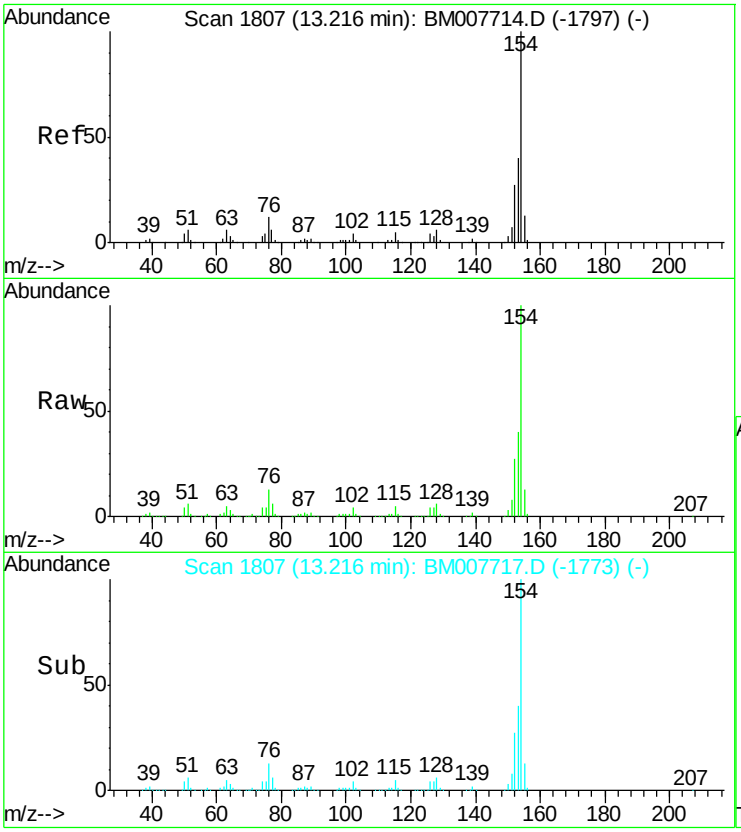


#38
2,4,6-Trichlorophenol
Concen: 71.11 ng/ul
RT: 12.81 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion:196 Resp: 543025

Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.9	115.3
200	31.8	25.1	37.7



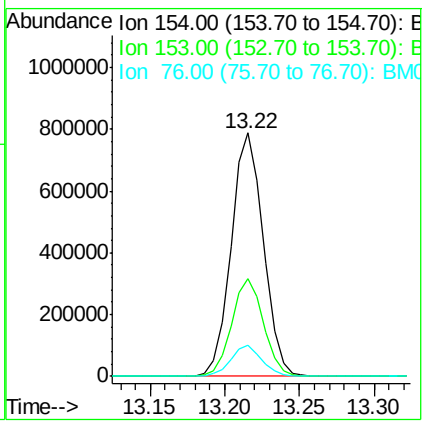


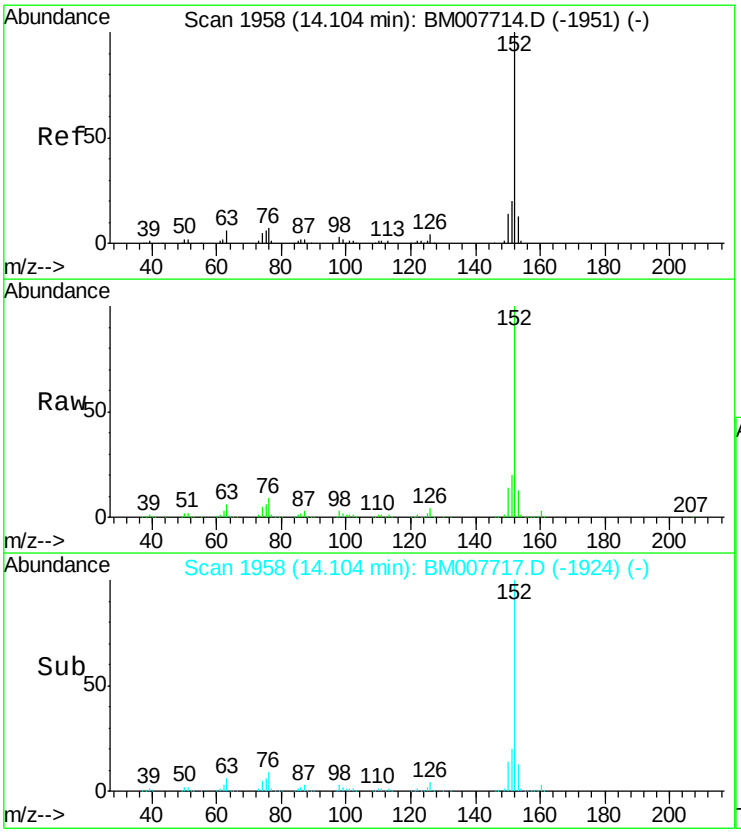
#40
1,1'-Biphenyl
Concen: 39.44 ng/ul
RT: 13.22 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion:154 Resp: 1182741

Ion	Ratio	Lower	Upper
154	100		
153	40.1	31.3	46.9
76	12.6	10.0	15.0

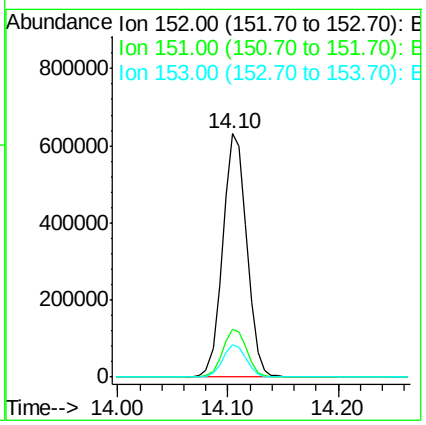


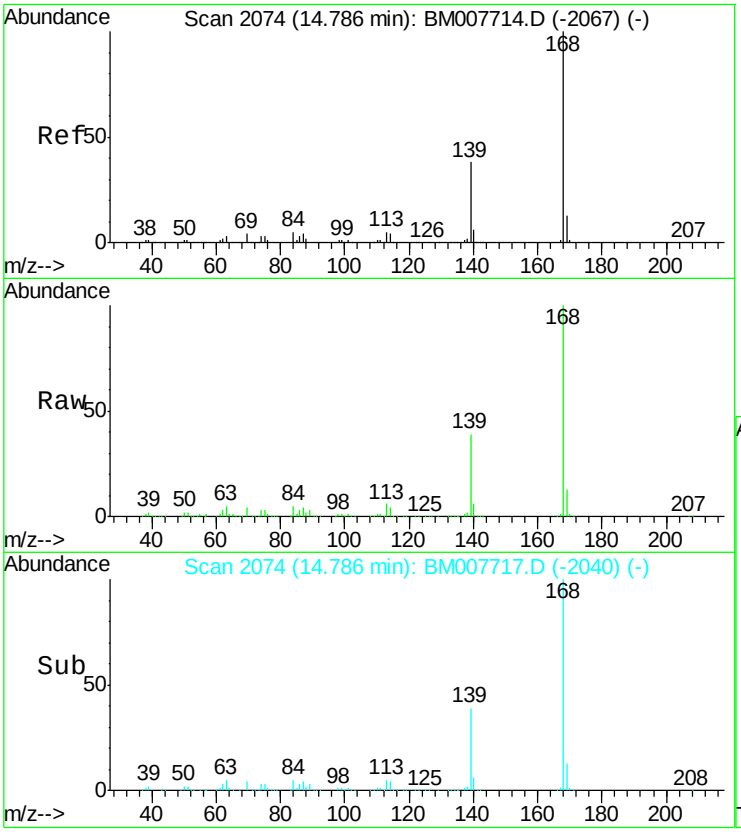


#47
Acenaphthylene
Concen: 27.18 ng/ul
RT: 14.10 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion:152 Resp: 960655

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.1	11.0	16.6



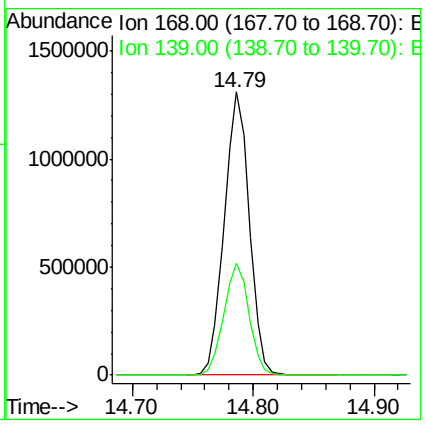


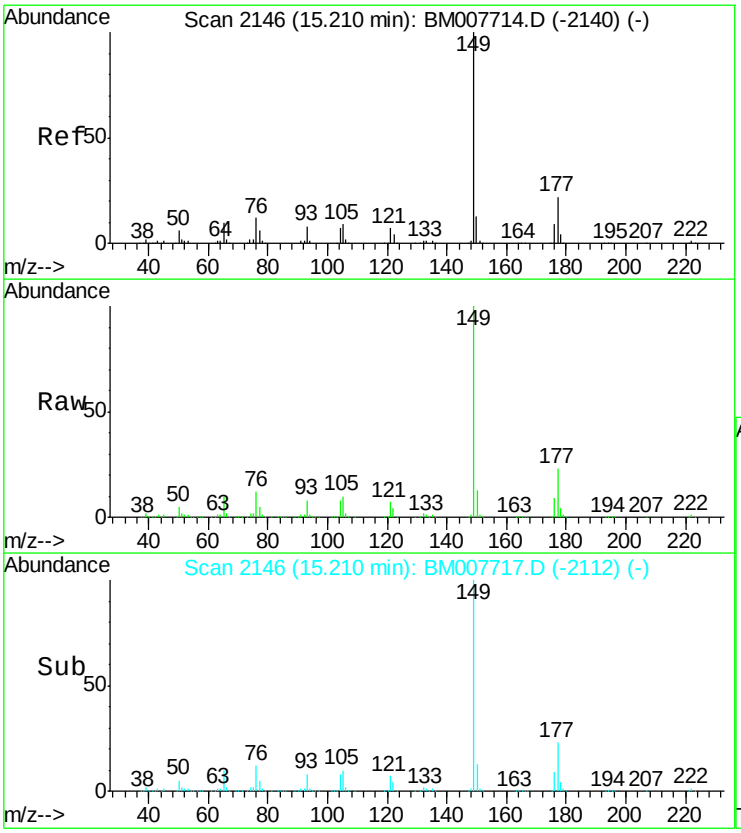
#53
Dibenzofuran
Concen: 53.91 ng/ul
RT: 14.79 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion:168 Resp: 1887885

Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.1	45.1

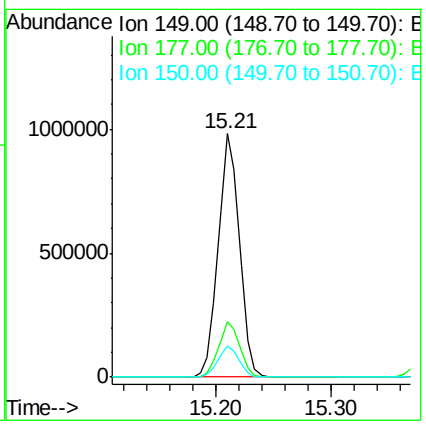


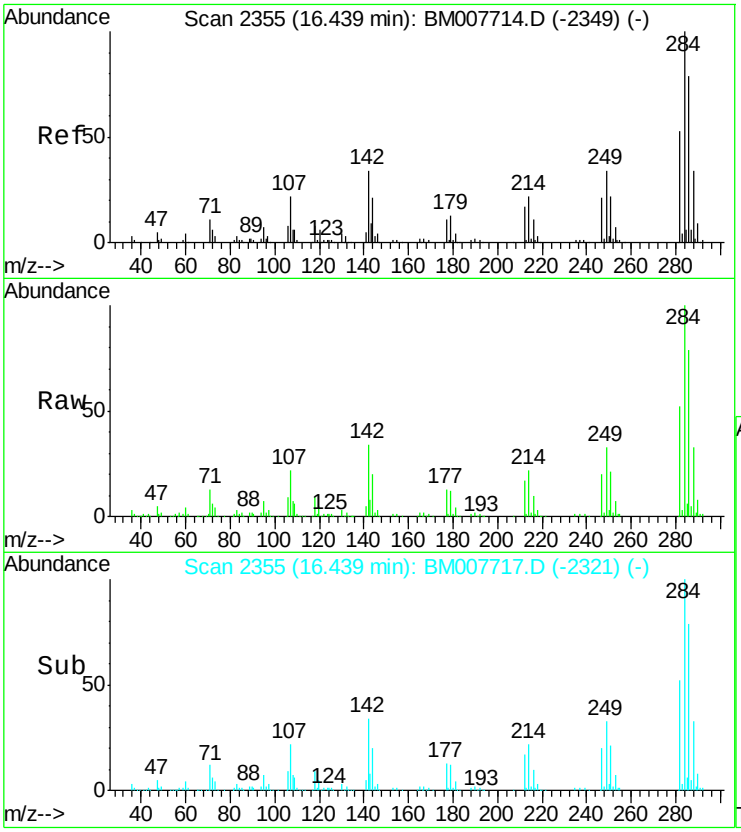


#56
Diethylphthalate
Concen: 44.90 ng/ul
RT: 15.21 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion:149 Resp: 1249791

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.6	28.0
150	12.8	10.0	15.0



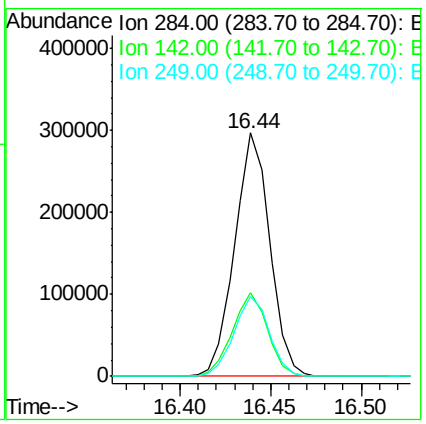


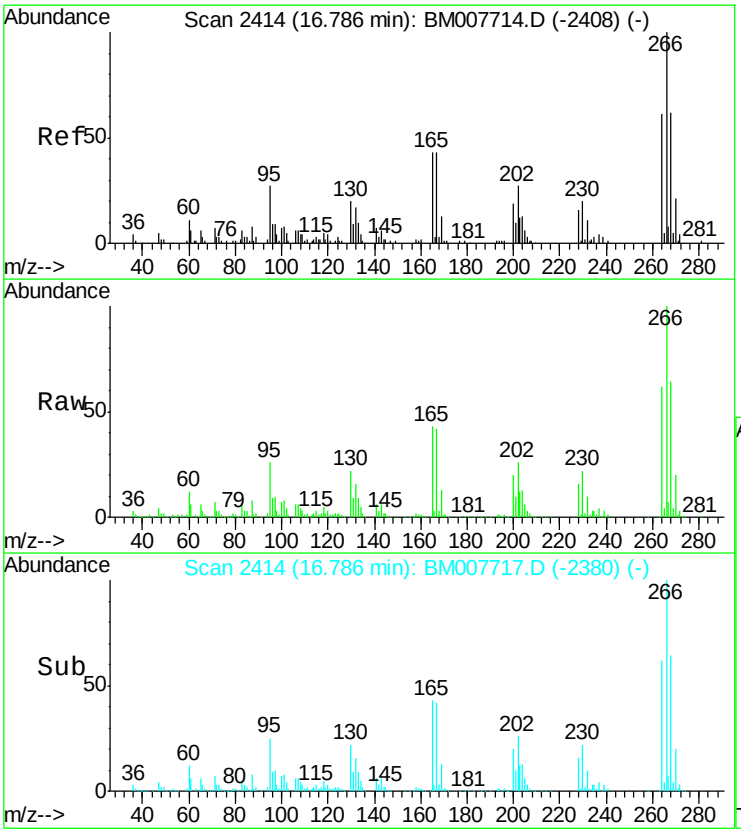
#66
Hexachlorobenzene
Concen: 37.53 ng/ul
RT: 16.44 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion:284 Resp: 399996

Ion	Ratio	Lower	Upper
284	100		
142	34.1	24.9	37.3
249	32.8	25.5	38.3

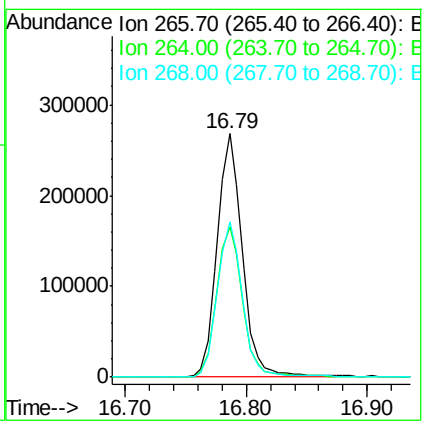


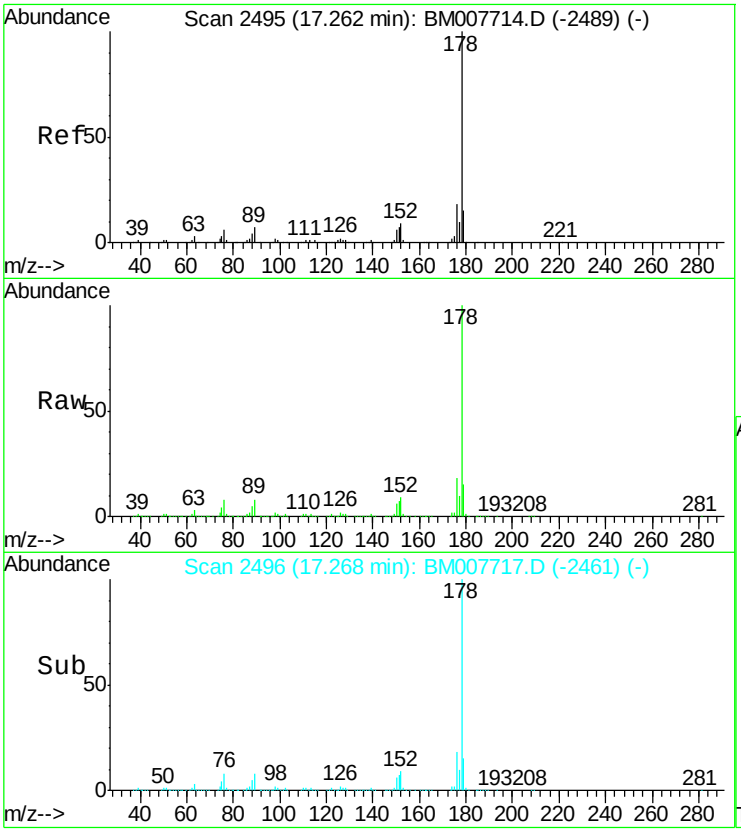


#68
Pentachlorophenol
Concen: 64.86 ng/ul
RT: 16.79 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion:266 Resp: 387374

Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.6	75.8
268	63.7	51.0	76.6



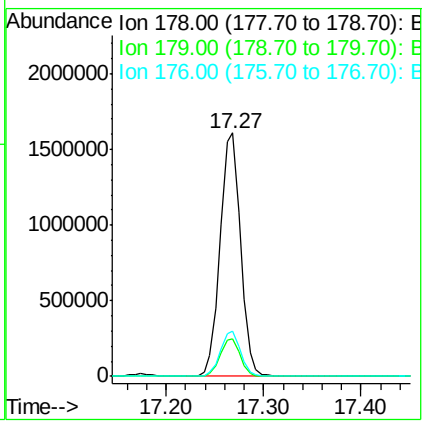


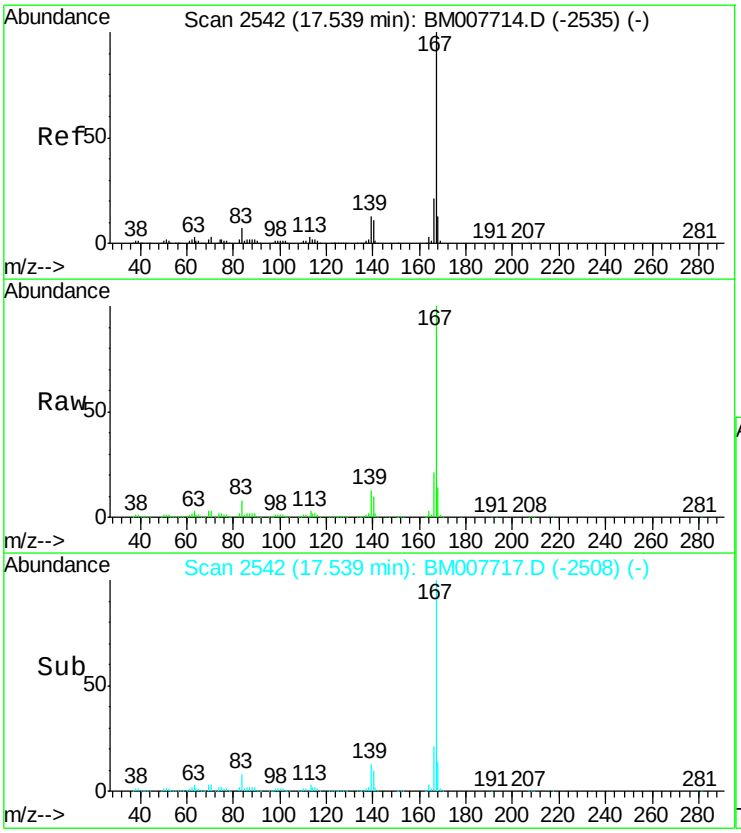
#71
Anthracene
Concen: 51.13 ng/ul
RT: 17.27 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion:178 Resp: 2335308

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.4	14.5	21.7

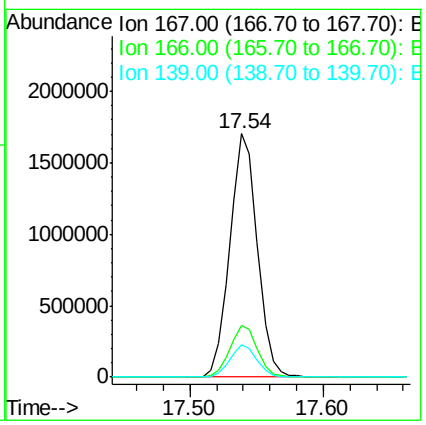


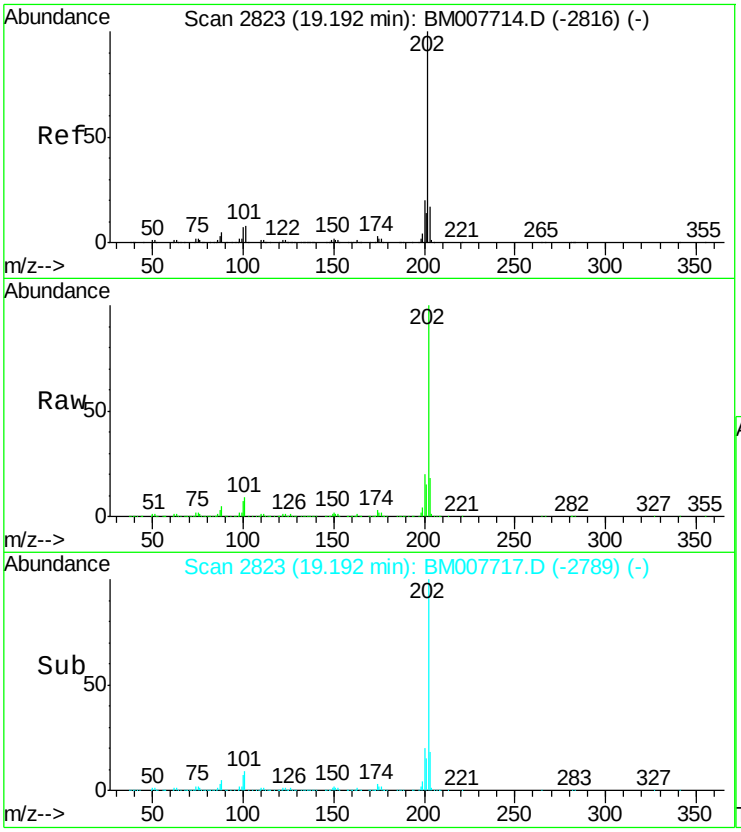


#72
Carbazole
Concen: 61.98 ng/ul
RT: 17.54 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion:167 Resp: 2449987

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.6	25.0
139	13.2	10.2	15.4



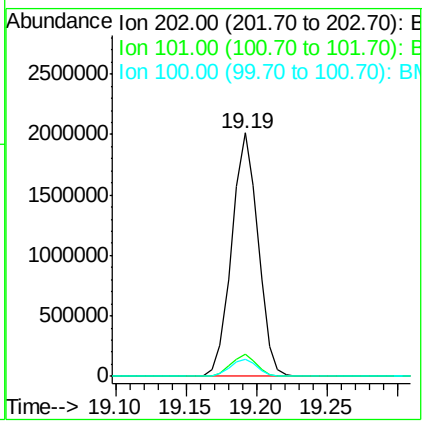


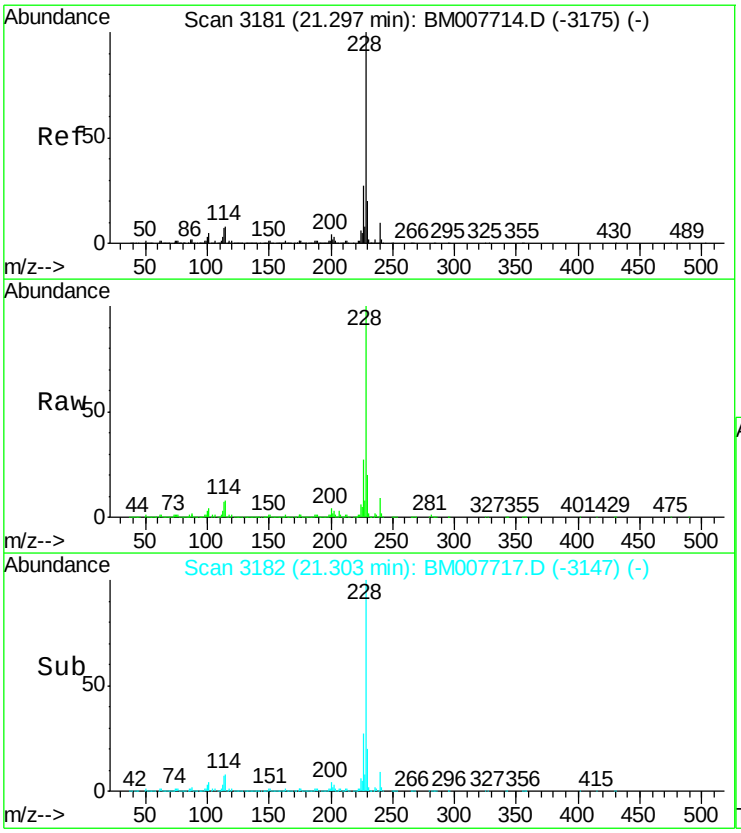
#74
Fluoranthene
Concen: 50.00 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion:202 Resp: 2621836

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.9	10.3
100	6.8	5.4	8.0

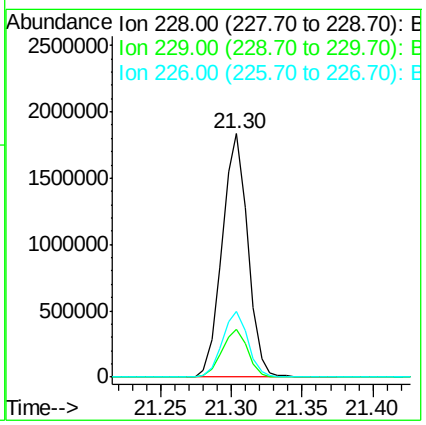


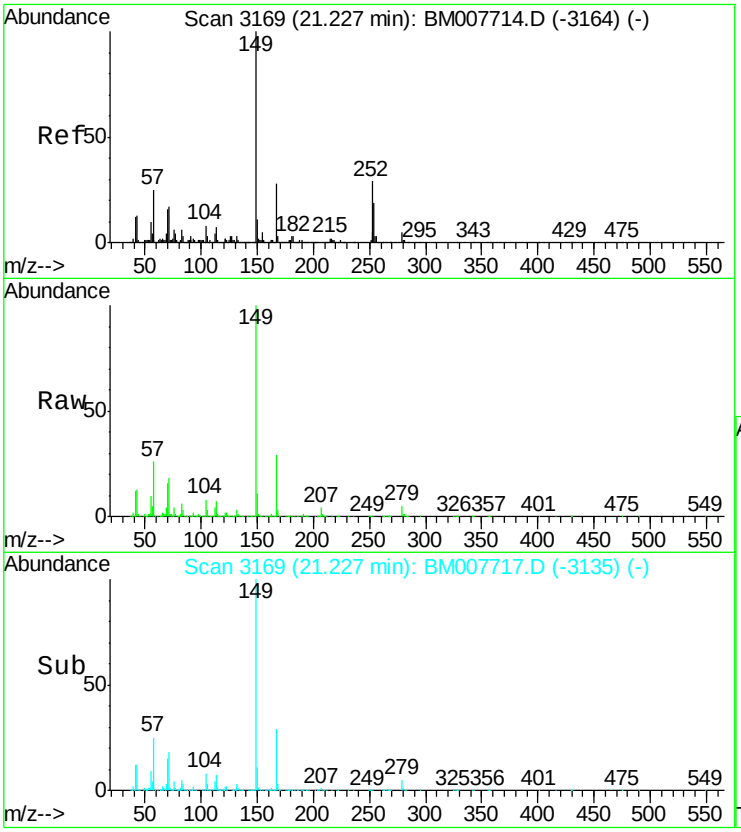


#80
Benzo(a)anthracene
Concen: 41.25 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.01 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion:228 Resp: 2314539

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.6	23.4
226	26.9	21.8	32.8



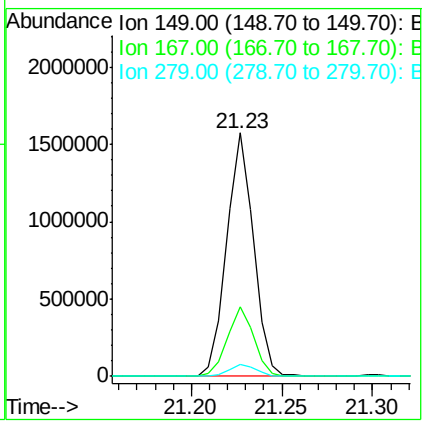


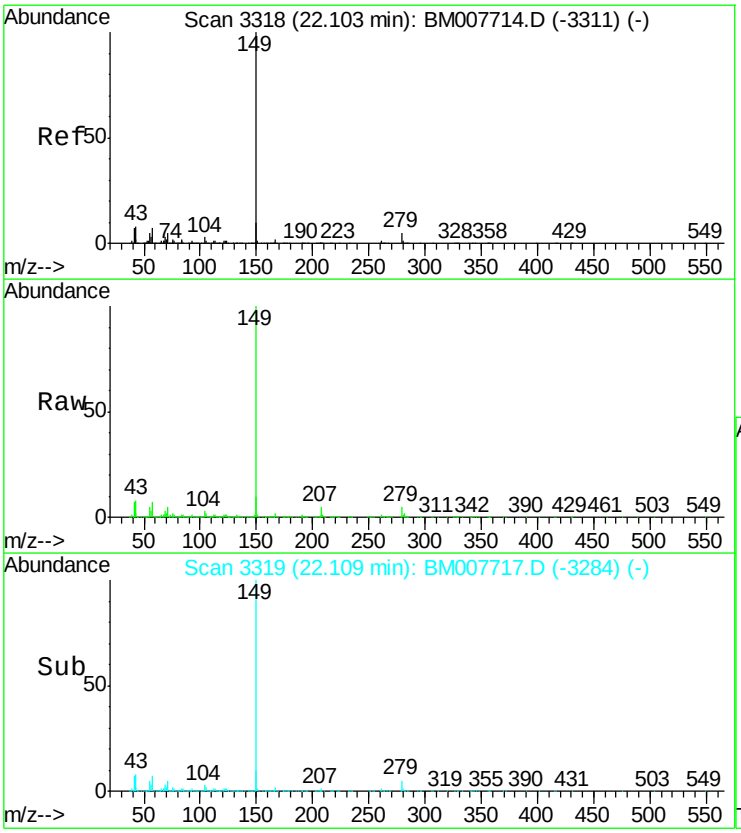
#81
Bis(2-ethylhexyl)phthalate
Concen: 57.15 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion:149 Resp: 1623908

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.2	34.8
279	4.9	4.1	6.1

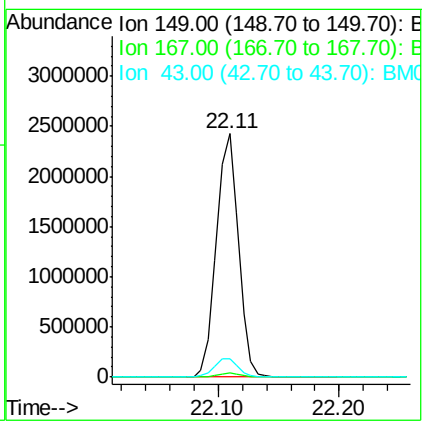


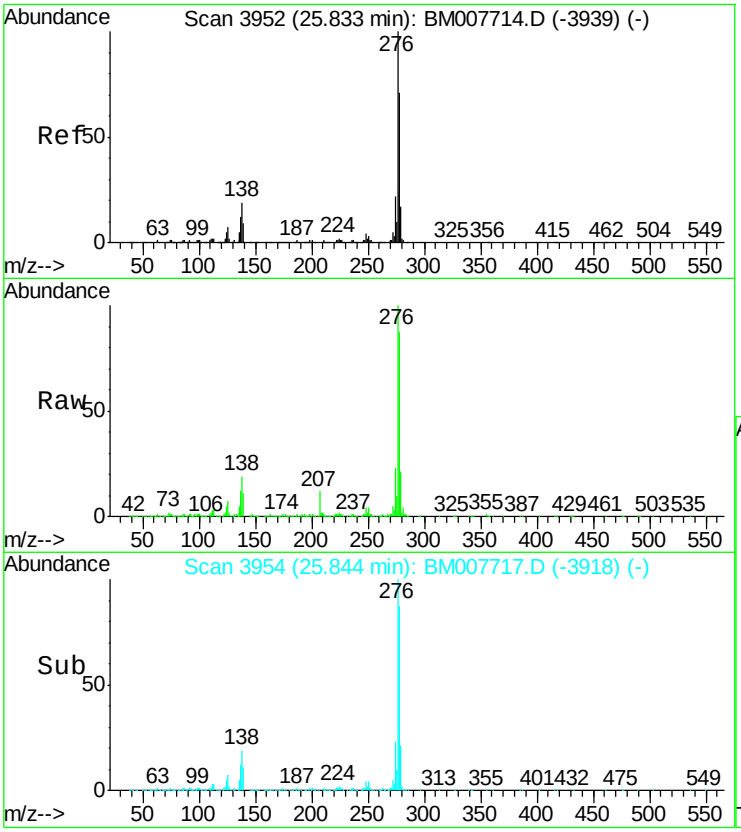


#84
Di-n-octyl phthalate
Concen: 57.31 ng/ul
RT: 22.11 min Scan# 3319
Delta R.T. 0.01 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion:149 Resp: 3046924

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.6	10.0



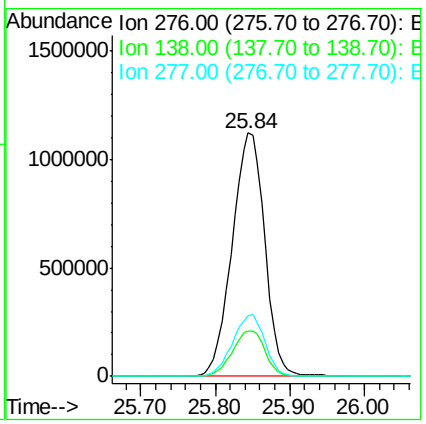


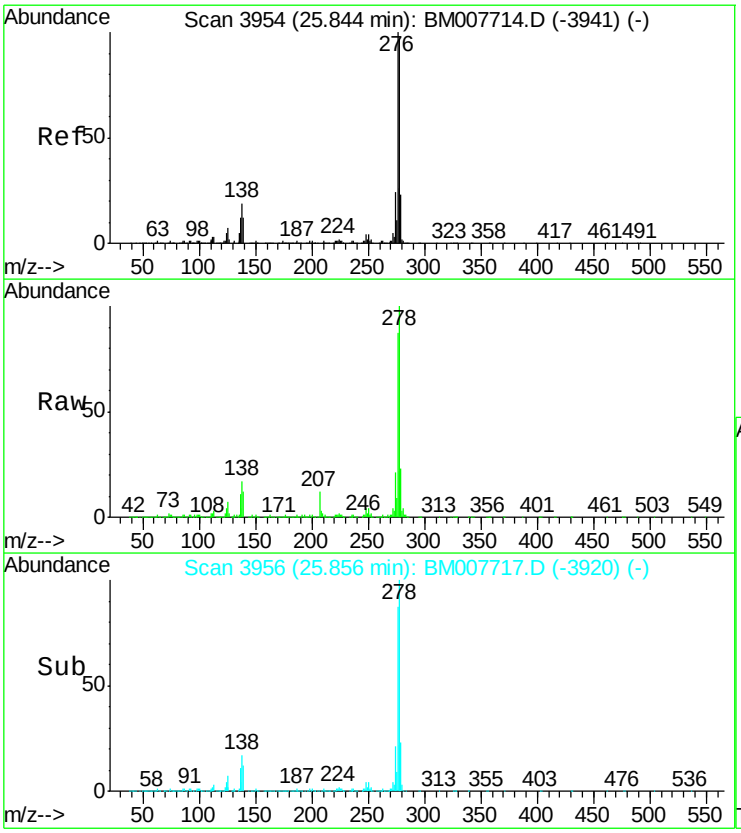
#89
Indeno(1,2,3-cd)pyrene
Concen: 50.44 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. 0.01 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion:276 Resp: 3410228

Ion	Ratio	Lower	Upper
276	100		
138	18.5	13.9	20.9
277	24.9	20.1	30.1

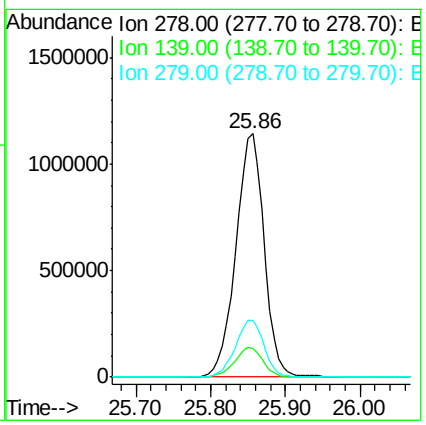


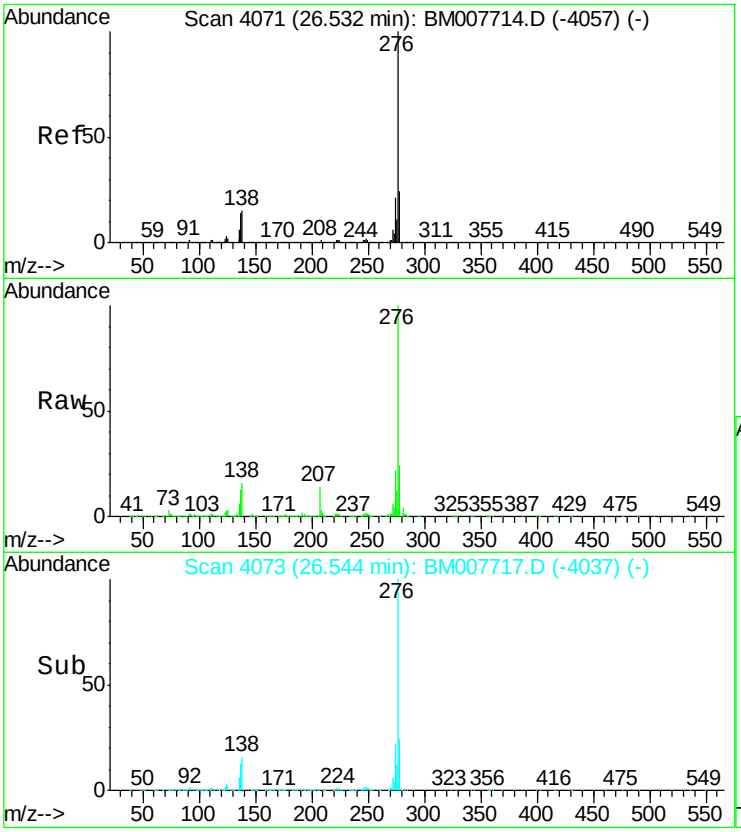


#90
Dibenzo(a,h)anthracene
Concen: 52.69 ng/ul
RT: 25.86 min Scan# 3956
Delta R.T. 0.01 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Tgt Ion:278 Resp: 3005008

Ion	Ratio	Lower	Upper
278	100		
139	11.8	9.5	14.3
279	23.1	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 53.54 ng/ul
RT: 26.54 min Scan# 4073
Delta R.T. 0.01 min
Lab File: BM007717.D
Acq: 24 Oct 2016 12:53

Instrument :
BNA_M
ClientSampleId :
X2683

Tgt Ion:276 Resp: 3039564

Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.5	20.3
277	23.7	19.3	28.9