Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002772.D
Acq On : 30 Sep 2015 07:10
Operator : UM/IZ
Sample : G3838-14MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5MX0MSD

Quant Time: Sep 30 07:41:28 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 06:48:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	97374	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	423454	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	211065	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	419410	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	430261	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	433334	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.77	96	9963	4.75	ng/uL	0.00
5) Phenol-d5	7.82	99	180943	24.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	122404	29.49	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	186095	27.10	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	132013	21.70	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	94526	29.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	100092	29.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	158509	26.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	198095	27.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	476150	29.99	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	637522	30.08	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	62095	22.02	ng/ul	0.00
58) Fluorene-d10	16.27	176	414157	28.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	41465	20.27	ng/ul	0.00
71) Anthracene-d10	18.10	188	592614	29.61	ng/ul	0.00
79) Pyrene-d10	20.33	212	602866	30.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.51	264	671456	30.29	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.82	77	4659	1.13	ng/ul	92
6) Phenol	7.85	94	216314	28.37	ng/ul	98
10) 2-Chlorophenol	8.25	128	195029	27.99	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.50	70	123880	28.79	ng/ul	99
33) 4-Chloro-3-methylphenol	12.77	107	177351	29.53	ng/ul	99
45) Dimethylphthalate	14.72	163	222988	13.81	ng/ul	99
50) Acenaphthene	15.36	153	420130	28.47	ng/ul	98
53) 4-Nitrophenol	15.47	109	50176	31.42	ng/ul	96
55) 2,4-Dinitrotoluene	15.64	165	135947	29.14	ng/ul	99
67) Hexachlorobenzene	17.32	284	25826	5.21	ng/ul	99
69) Pentachlorophenol	17.65	266	61001	32.17	ng/ul	97
70) Phenanthrene	18.05	178	77141	3.18	ng/ul	99
77) Fluoranthene	20.00	202	192183	7.67	ng/ul	100
80) Pyrene	20.36	202	940969	34.43	ng/ul	97
83) Benzo(a)anthracene	22.07	228	84334	3.30	ng/ul	98
85) Chrysene	22.13	228	100111	4.15	ng/ul	96
88) Benzo(b)fluoranthene	23.89	252	145056	5.57	ng/ul	98
89) Benzo(k)fluoranthene	23.89	252	35215	1.43	ng/ul	97
91) Benzo(a)pyrene	24.57	252	96075	3.84	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.40	276	80043	2.74	ng/ul	92
94) Benzo(g,h,i)perylene	28.24	276	80224	3.27	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002772.D
Acq On : 30 Sep 2015 07:10
Operator : UM/IZ
Sample : G3838-14MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Quant Time: Sep 30 07:41:28 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 06:48:30 2015
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002772.D
Acq On : 30 Sep 2015 07:10
Operator : UM/IZ
Sample : G3838-14MSD
Misc :
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Instrument : BNA_M
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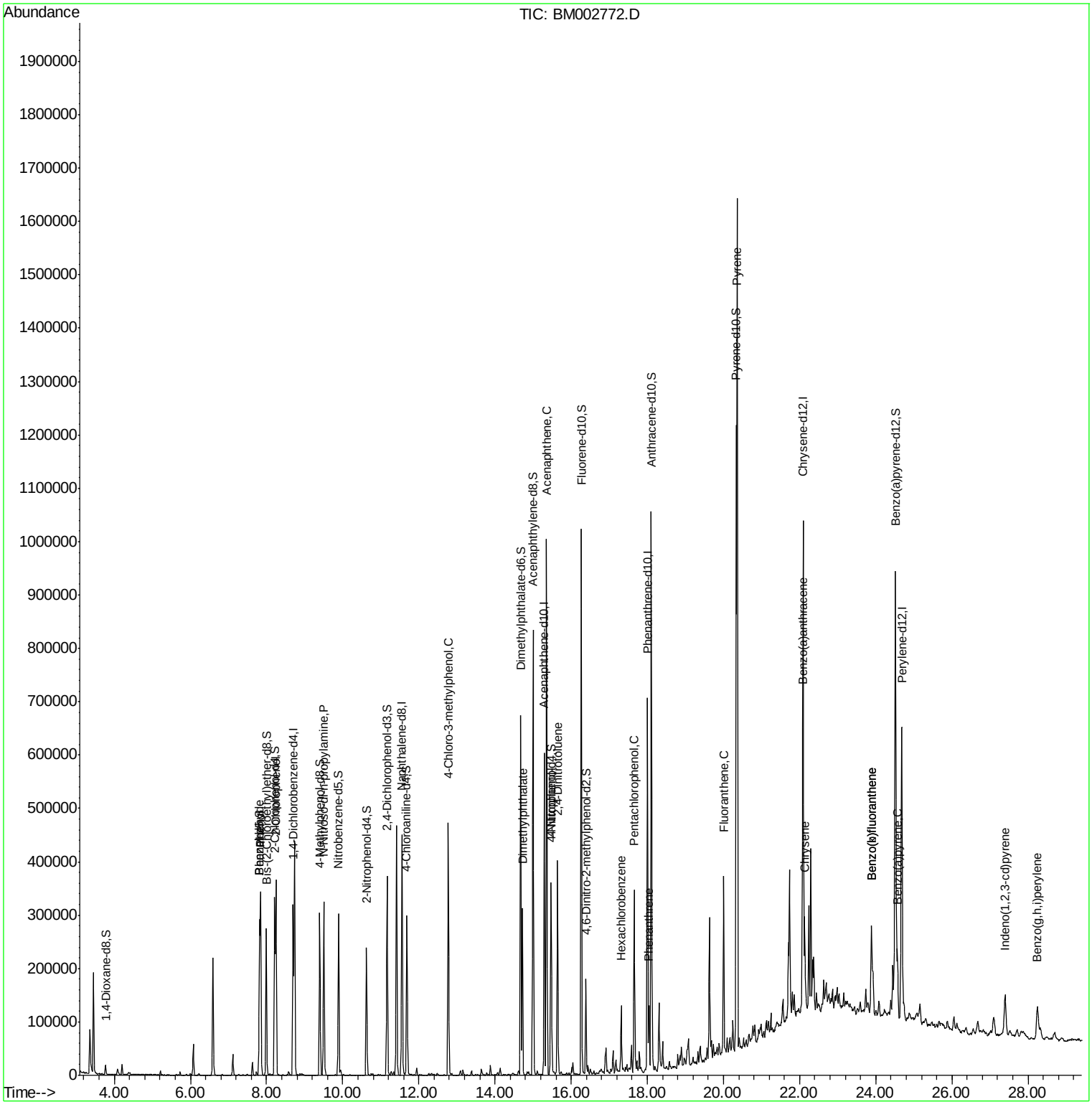
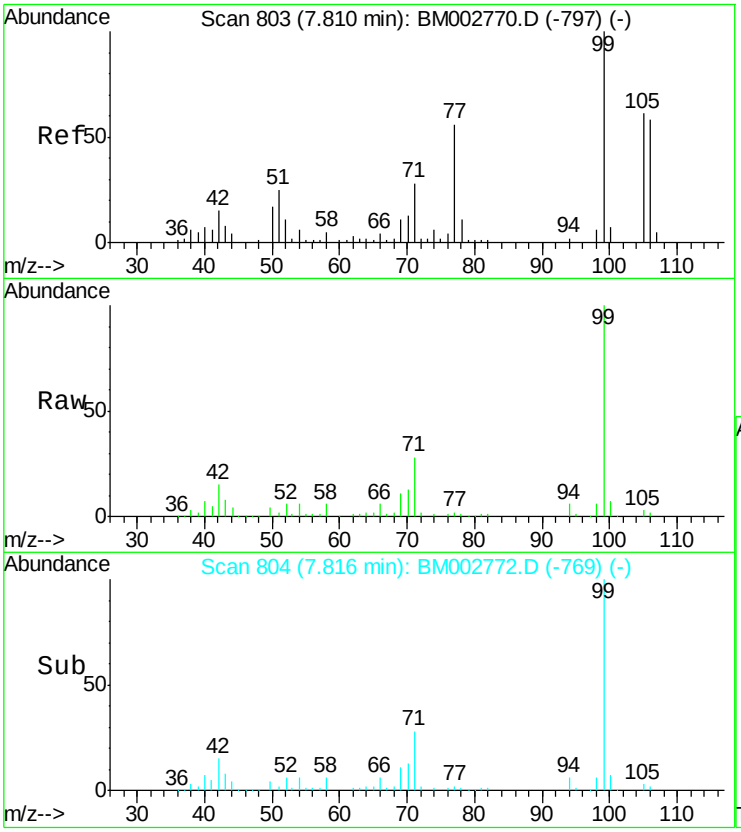
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 06:48:30 2015
Response via : Initial Calibration



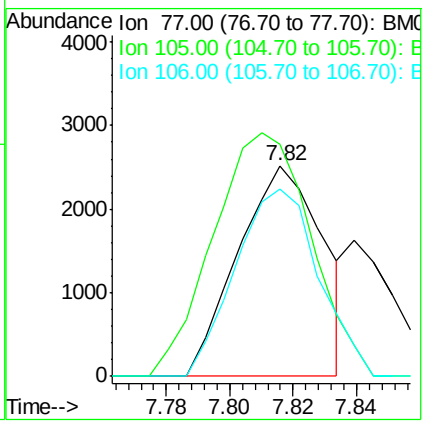


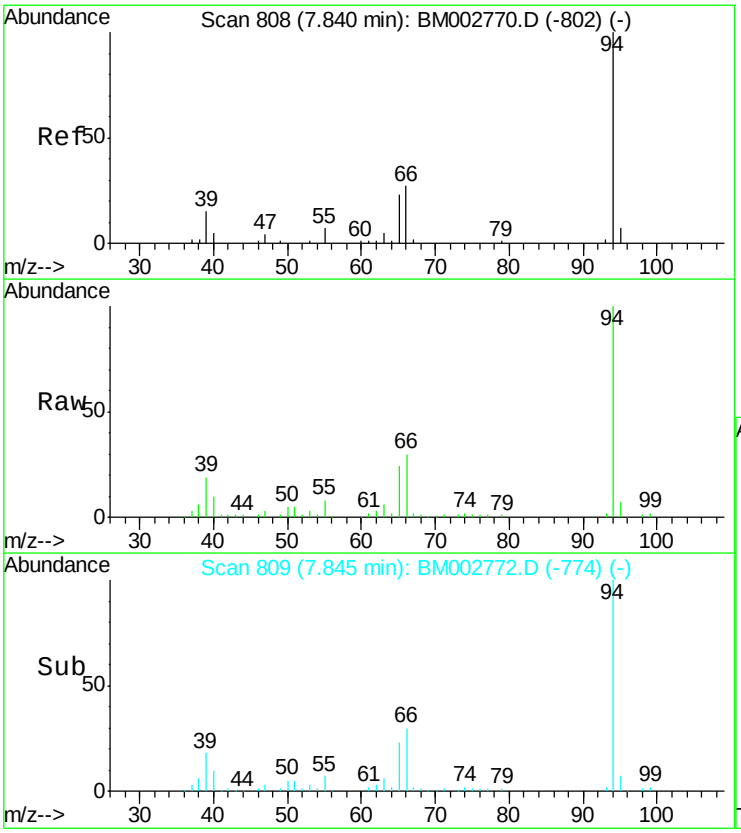
#4
Benzaldehyde
Concen: 1.13 ng/ul
RT: 7.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion: 77 Resp: 4659

Ion	Ratio	Lower	Upper
77	100		
105	110.0	86.2	129.2
106	88.6	82.5	123.7

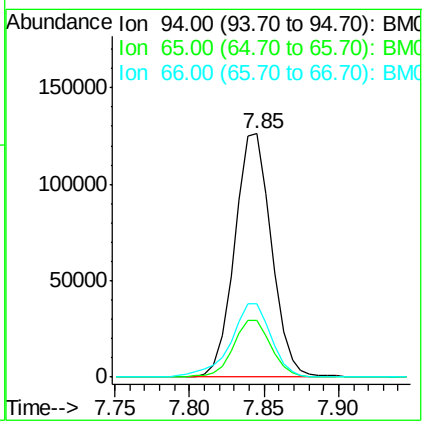


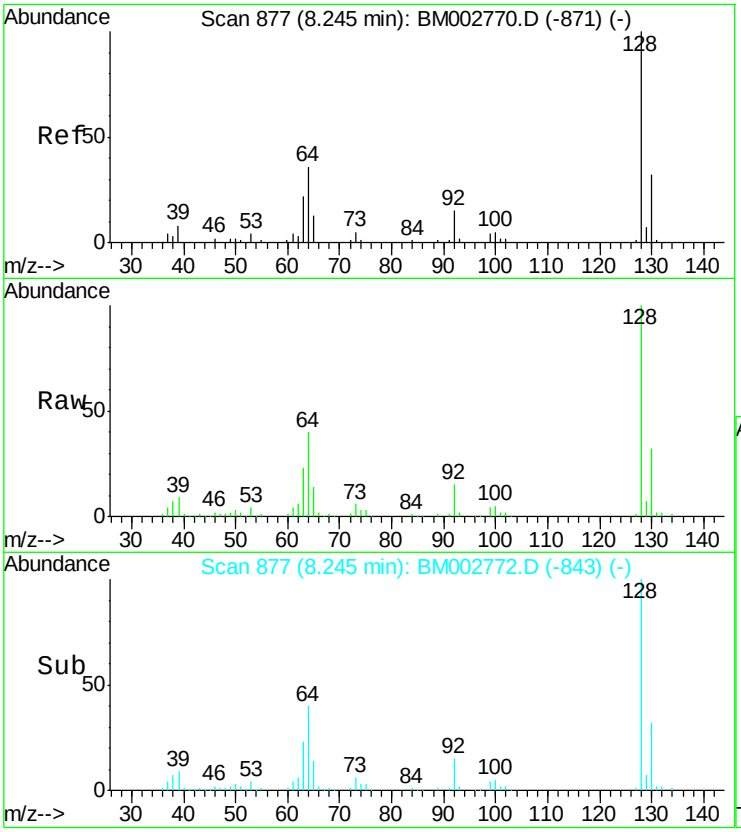


#6
Phenol
Concen: 28.37 ng/ul
RT: 7.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion: 94 Resp: 216314

Ion	Ratio	Lower	Upper
94	100		
65	23.5	19.4	29.2
66	30.1	25.2	37.8



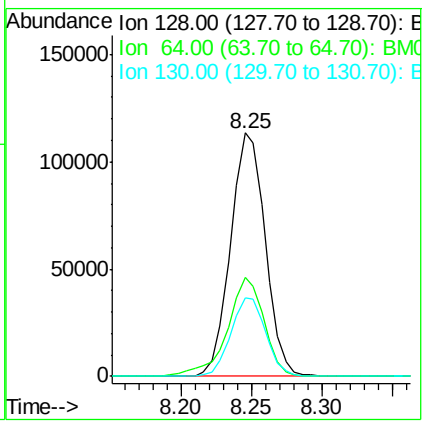


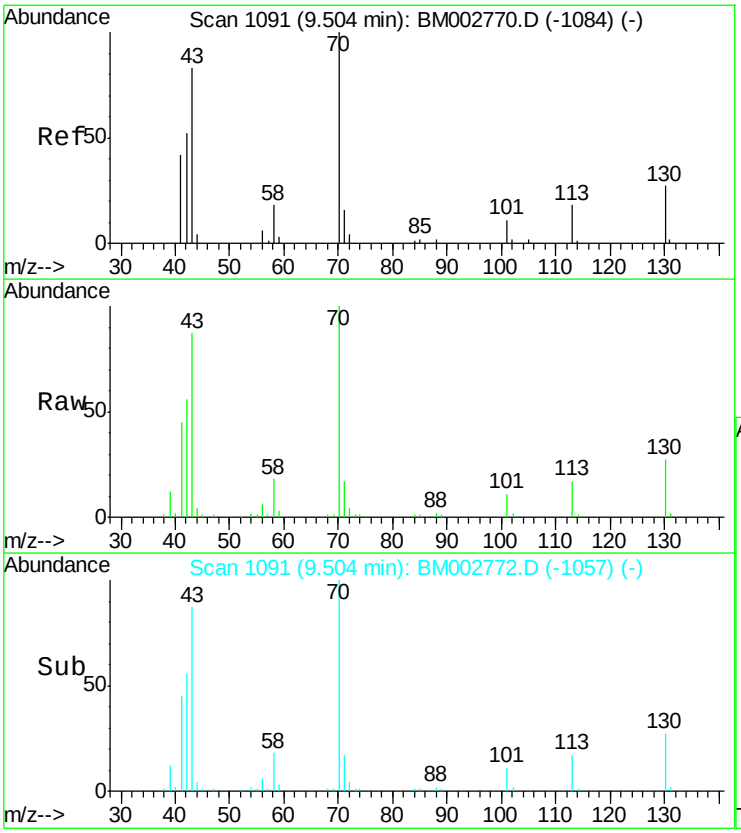
#10
2-Chlorophenol
Concen: 27.99 ng/ul
RT: 8.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:128 Resp: 195029

Ion	Ratio	Lower	Upper
128	100		
64	40.4	32.1	48.1
130	32.4	25.8	38.6

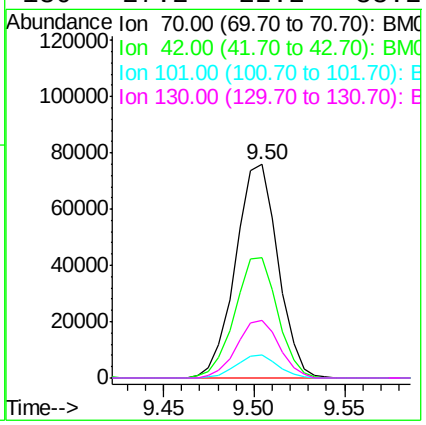


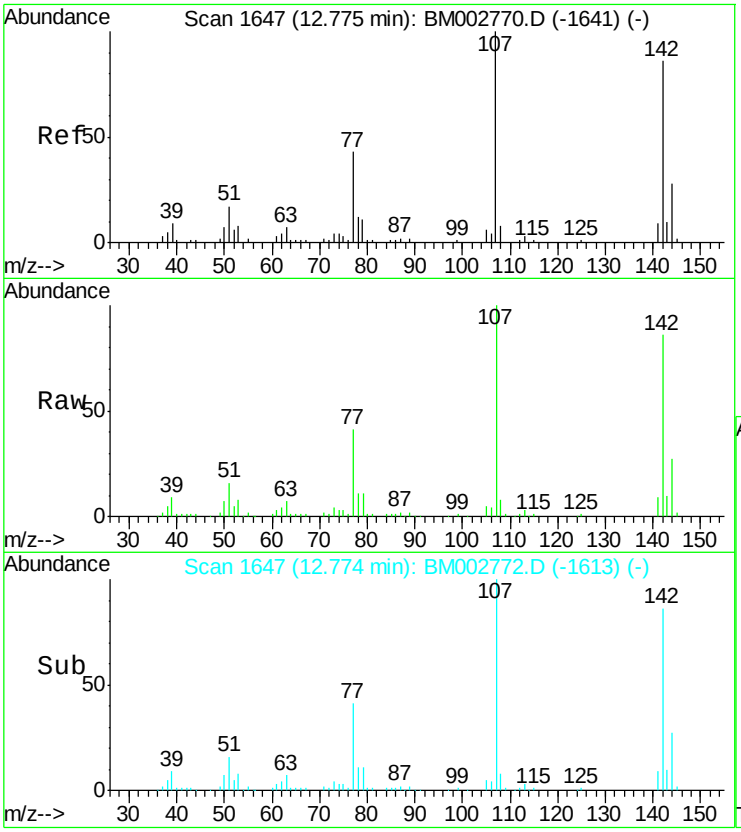


#15
N-Nitroso-di-n-propylamine
Concen: 28.79 ng/ul
RT: 9.50 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion: 70 Resp: 123880

Ion	Ratio	Lower	Upper
70	100		
42	56.3	45.2	67.8
101	10.7	9.1	13.7
130	27.2	22.2	33.2



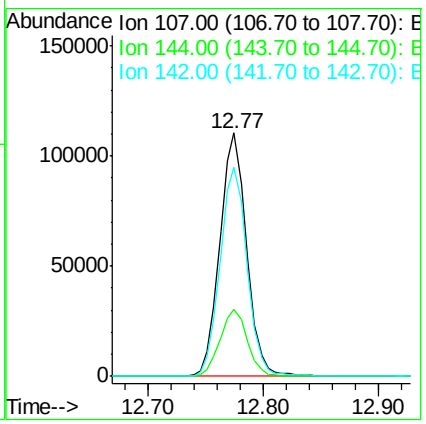


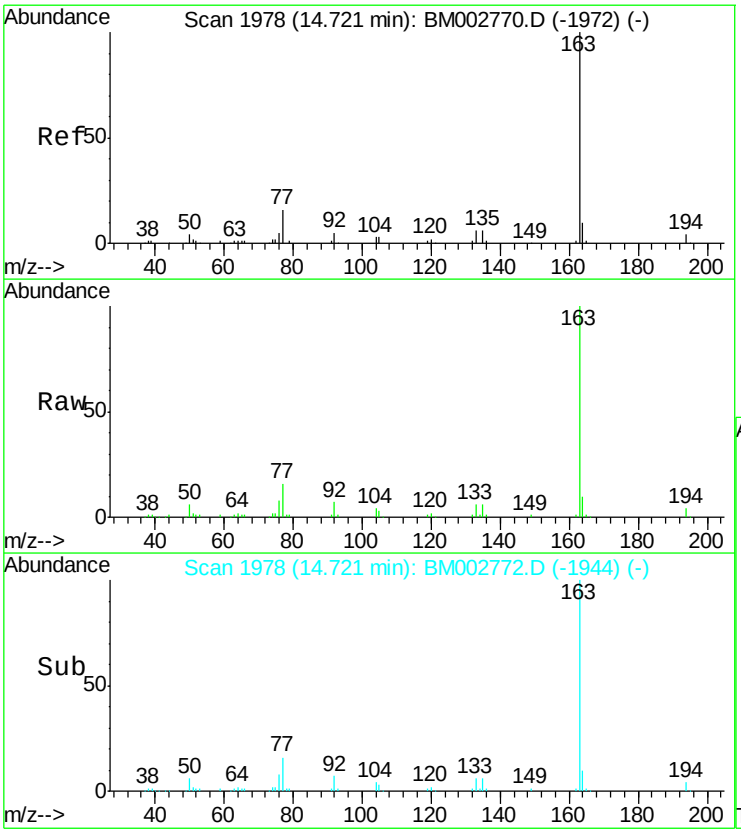
#33
4-Chloro-3-methylphenol
Concen: 29.53 ng/ul
RT: 12.77 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:107 Resp: 177351

Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.9	32.9
142	85.8	69.8	104.8

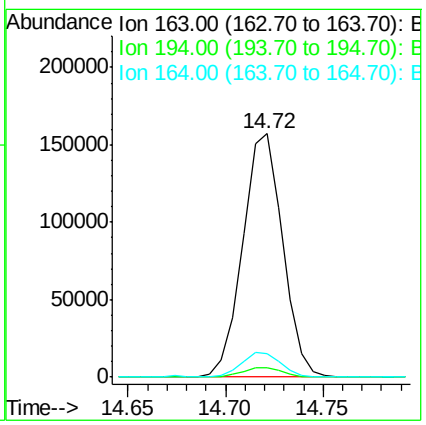


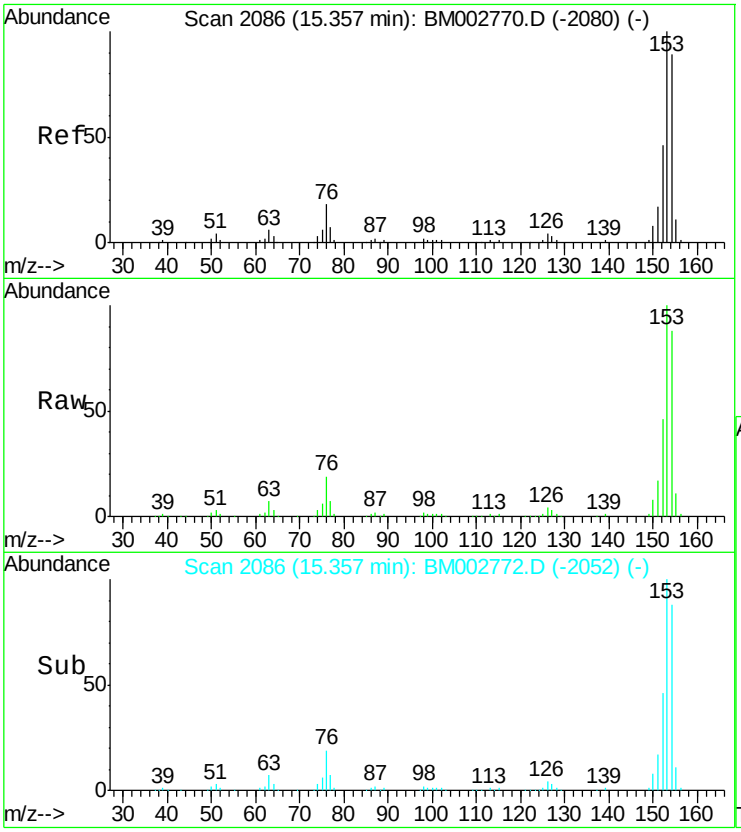


#45
Dimethylphthalate
Concen: 13.81 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion:163 Resp: 222988

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.6	8.1	12.1



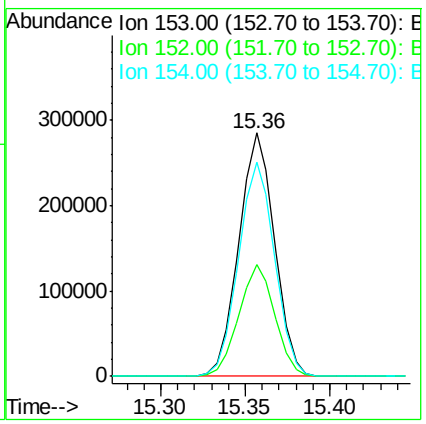


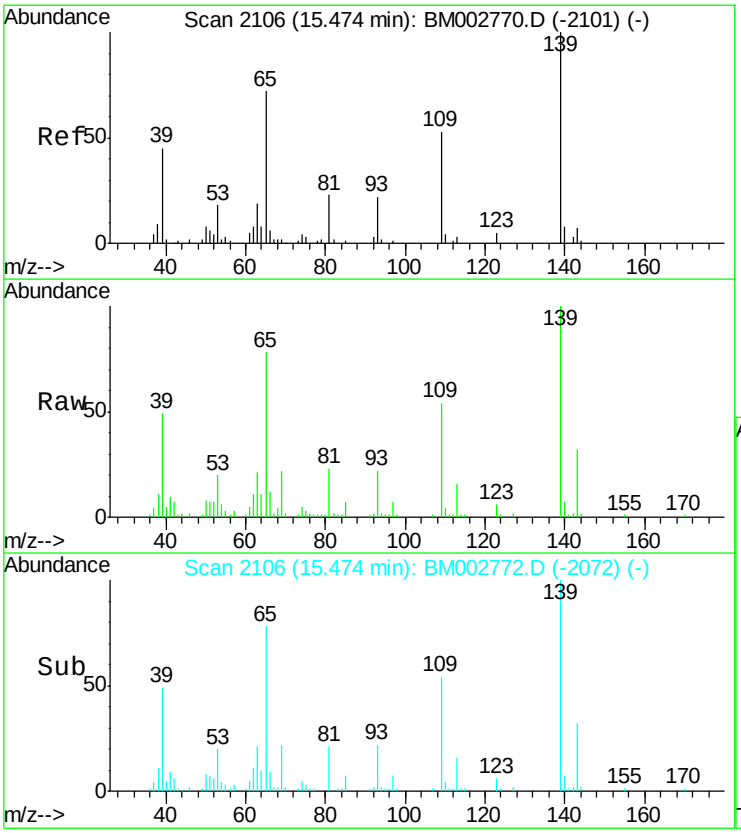
#50
Acenaphthene
Concen: 28.47 ng/ul
RT: 15.36 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:153 Resp: 420130

Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.2	55.8
154	88.2	71.9	107.9

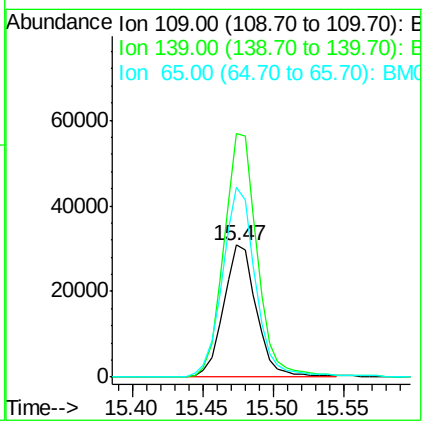


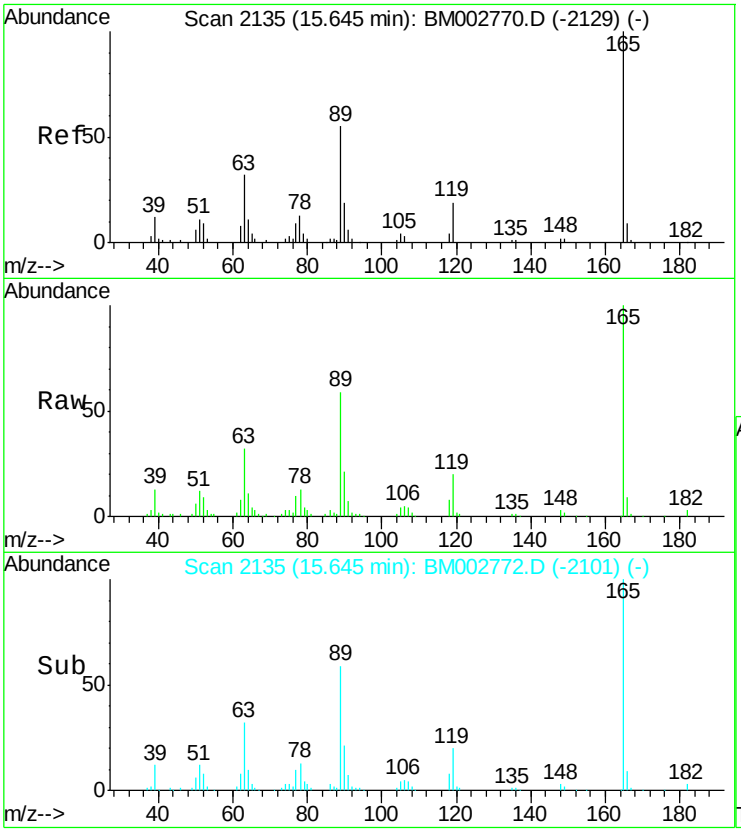


#53
4-Nitrophenol
Concen: 31.42 ng/ul
RT: 15.47 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion:109 Resp: 50176

Ion	Ratio	Lower	Upper
109	100		
139	184.8	143.4	215.2
65	143.8	110.3	165.5



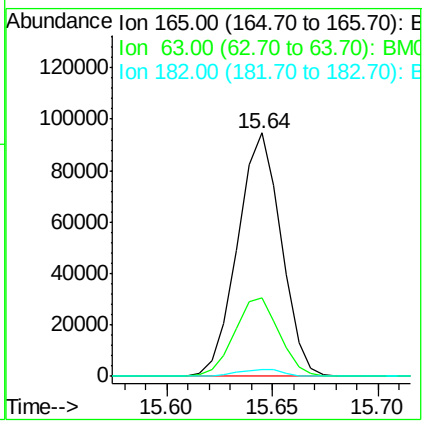


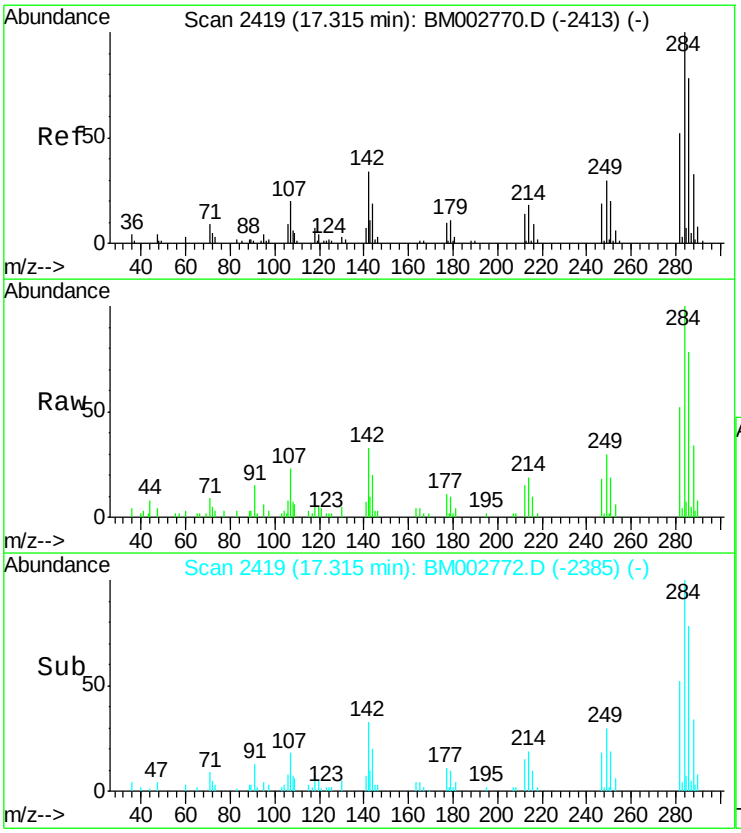
#55
2,4-Dinitrotoluene
Concen: 29.14 ng/ul
RT: 15.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:165 Resp: 135947

Ion	Ratio	Lower	Upper
165	100		
63	32.4	25.4	38.2
182	3.0	2.6	3.8

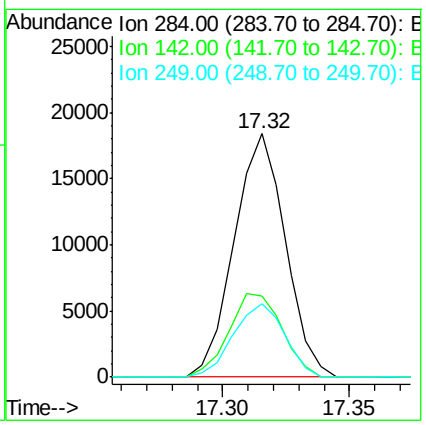


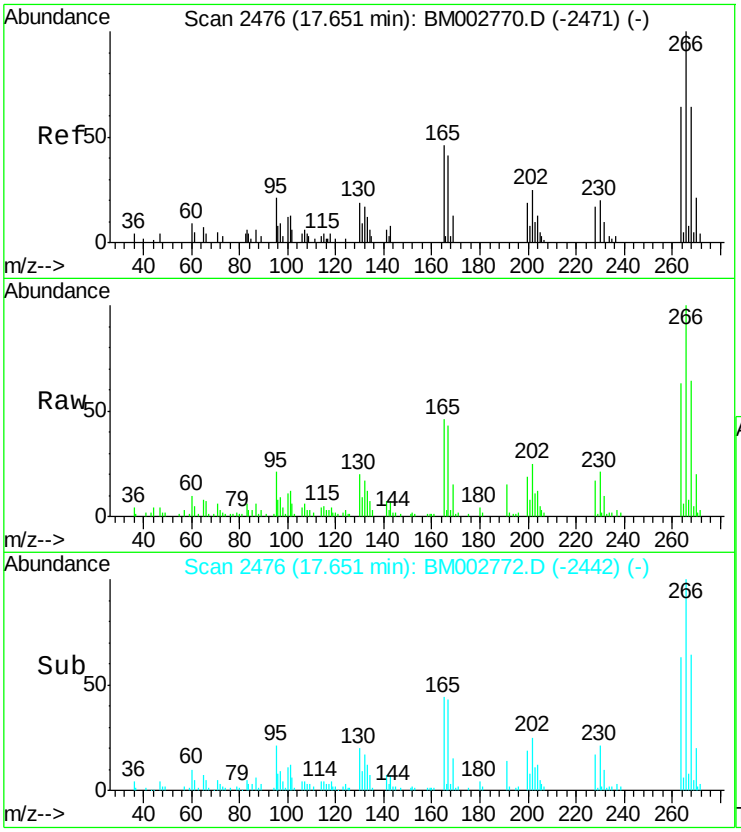


#67
Hexachlorobenzene
Concen: 5.21 ng/ul
RT: 17.32 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion:284 Resp: 25826

Ion	Ratio	Lower	Upper
284	100		
142	33.1	27.5	41.3
249	30.0	24.2	36.2



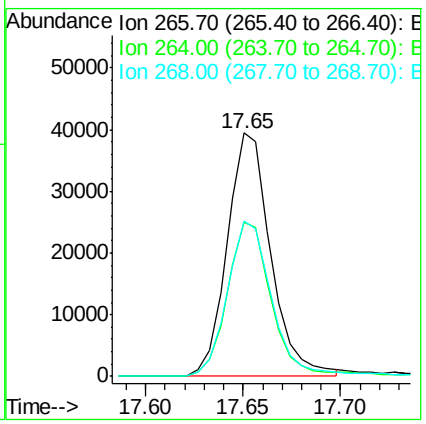


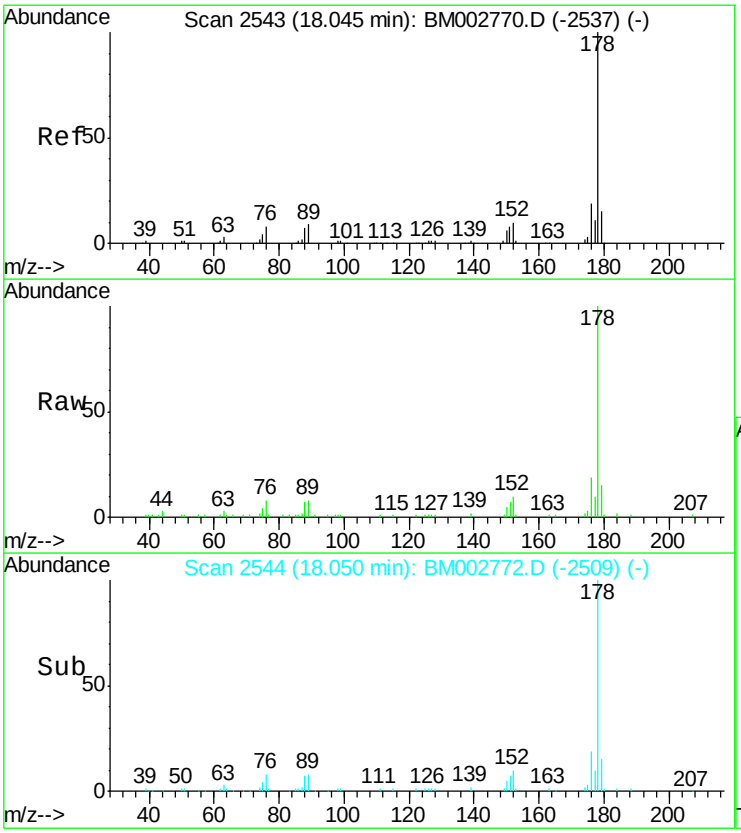
#69
Pentachlorophenol
Concen: 32.17 ng/ul
RT: 17.65 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:266 Resp: 61001

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.4	74.2
268	64.0	49.1	73.7

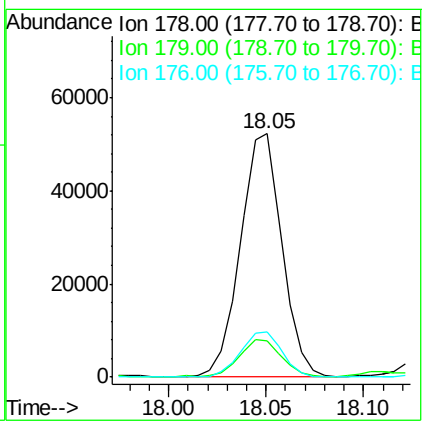


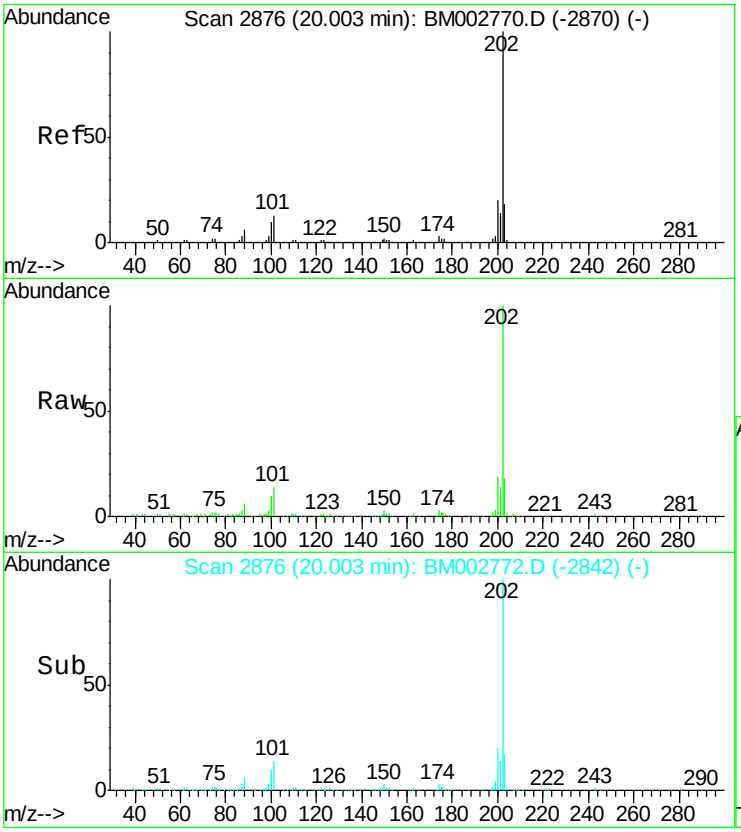


#70
Phenanthrene
Concen: 3.18 ng/ul
RT: 18.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion:178 Resp: 77141

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	18.8	14.6	22.0



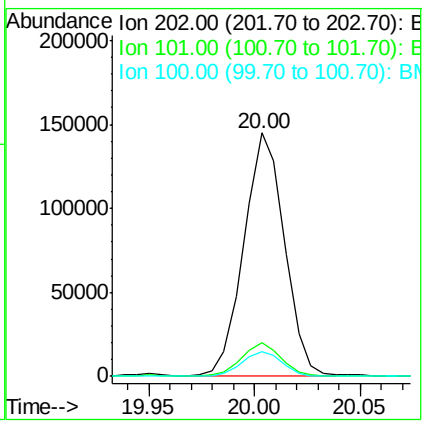


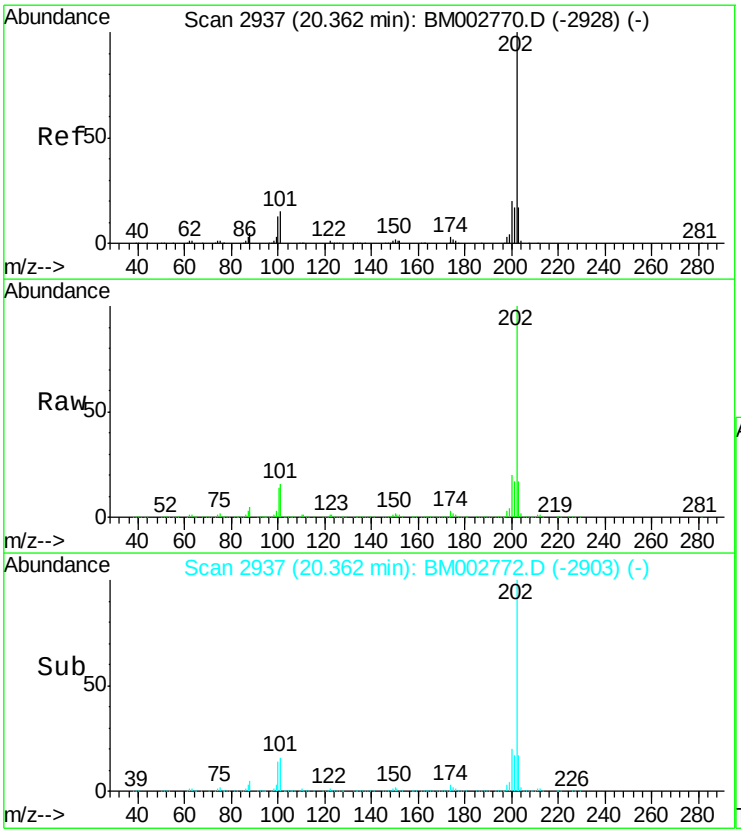
#77
Fluoranthene
Concen: 7.67 ng/ul
RT: 20.00 min Scan# 2876
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:202 Resp: 192183

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.4
100	10.3	8.3	12.5

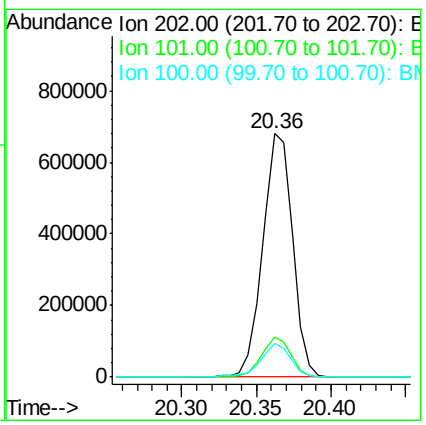


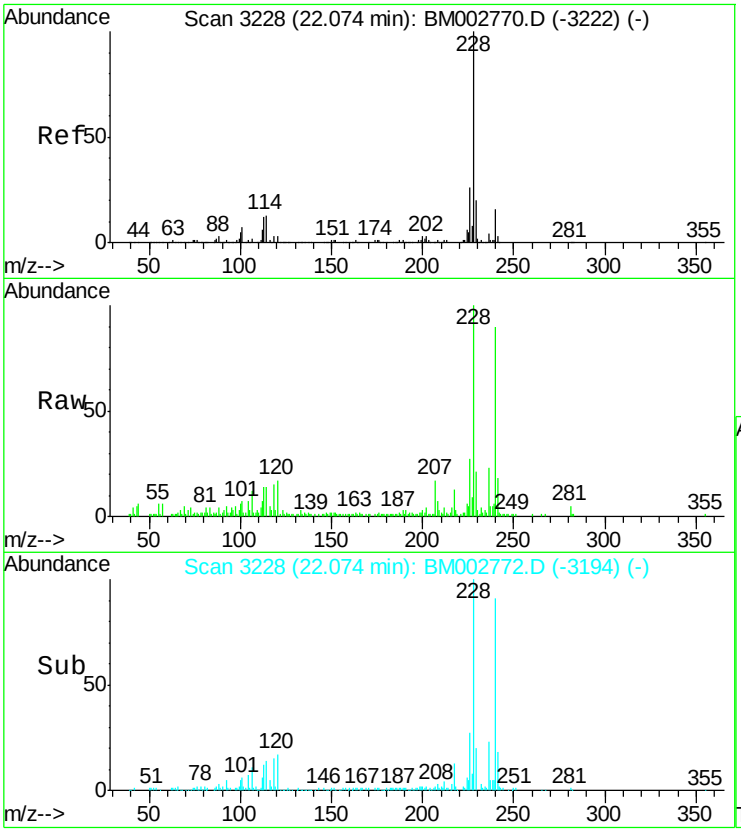


#80
Pyrene
Concen: 34.43 ng/ul
RT: 20.36 min Scan# 2937
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion:202 Resp: 940969

Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.1	18.1
100	13.8	10.2	15.4



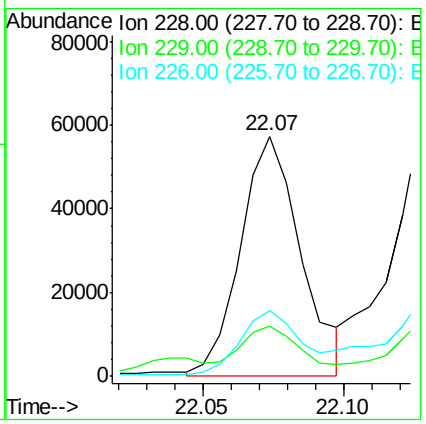


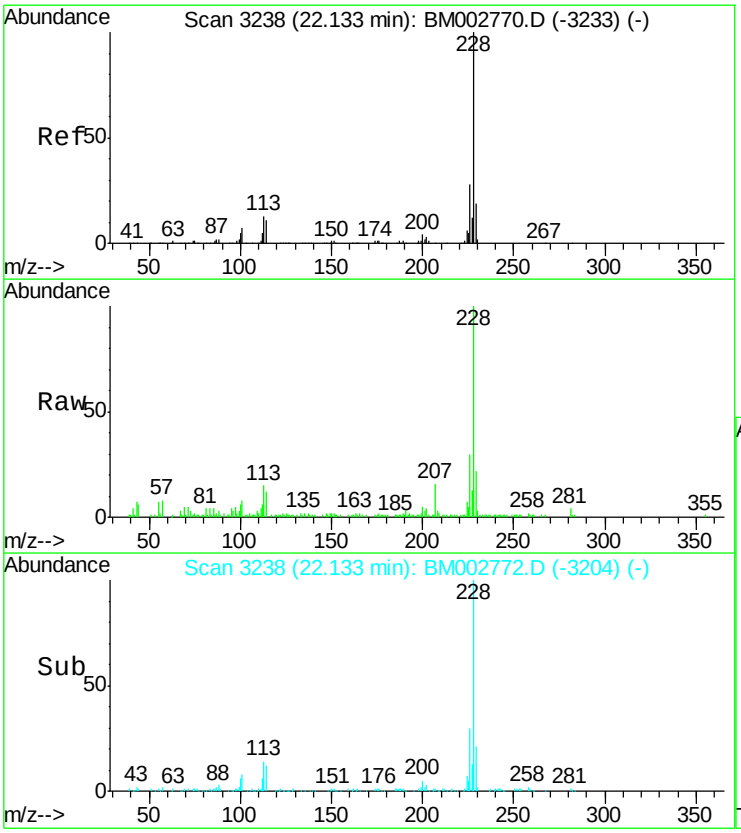
#83
Benzo(a)anthracene
Concen: 3.30 ng/ul
RT: 22.07 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:228 Resp: 84334

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.1	24.1
226	27.5	20.9	31.3

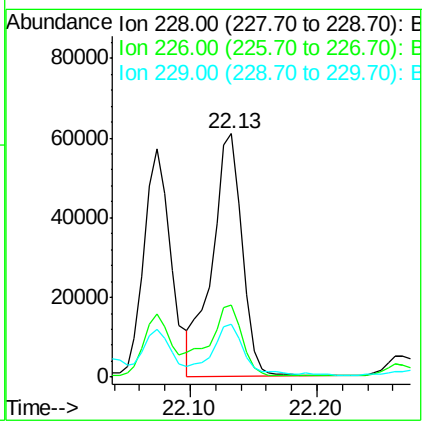


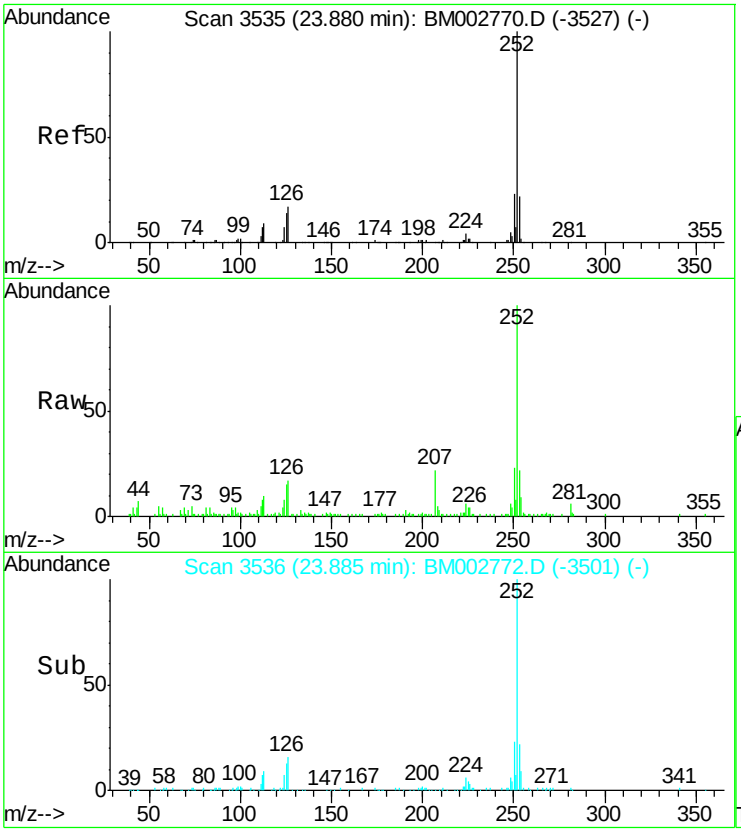


#85
Chrysene
Concen: 4.15 ng/ul
RT: 22.13 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion:228 Resp: 100111

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.4	33.6
229	21.9	15.4	23.2



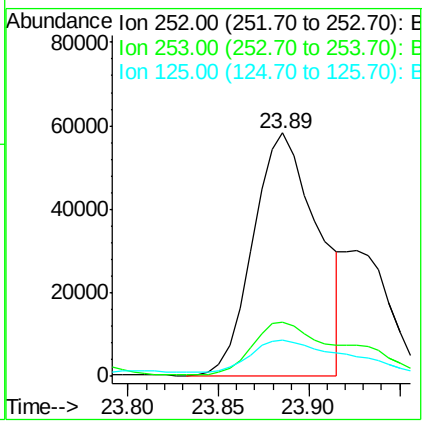


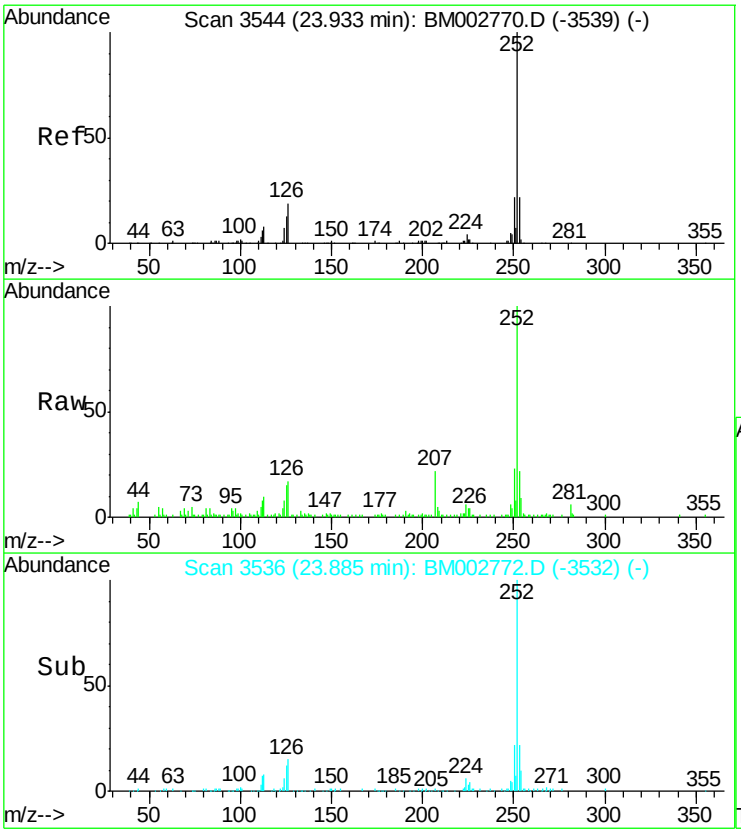
#88
Benzo(b)fluoranthene
Concen: 5.57 ng/ul
RT: 23.89 min Scan# 3536
Delta R.T. 0.01 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:252 Resp: 145056

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	14.7	10.6	15.8

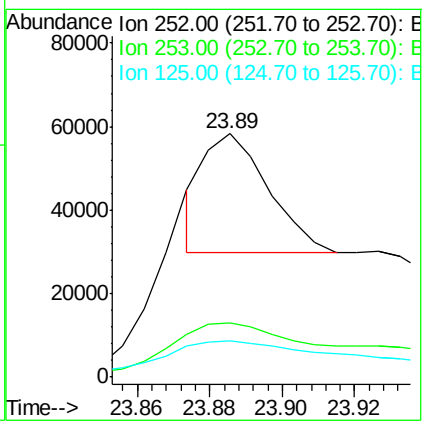


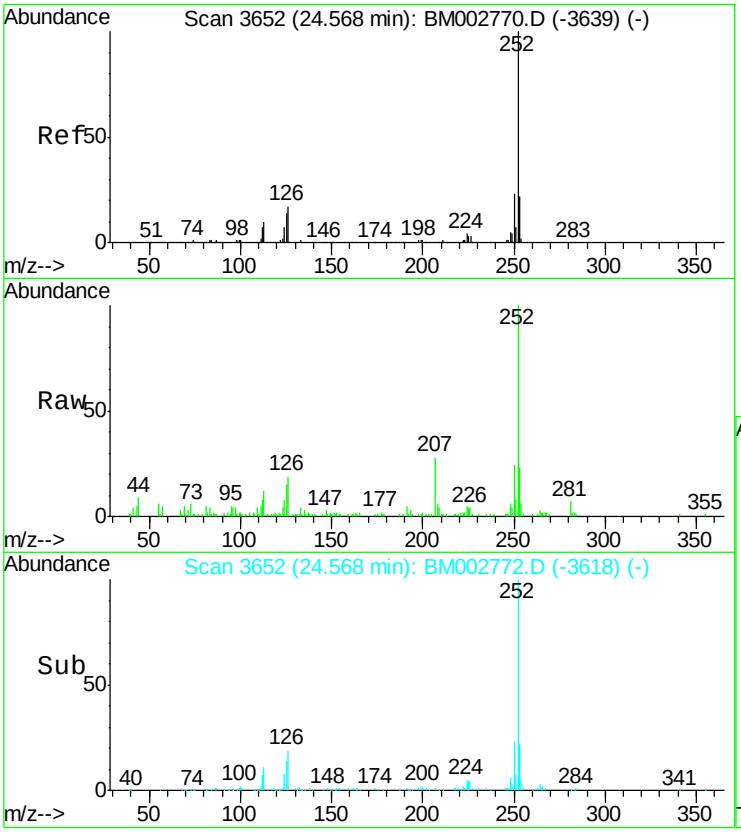


#89
Benzo(k)fluoranthene
Concen: 1.43 ng/ul
RT: 23.89 min Scan# 3536
Delta R.T. -0.05 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion:252 Resp: 35215

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	14.7	10.0	15.0



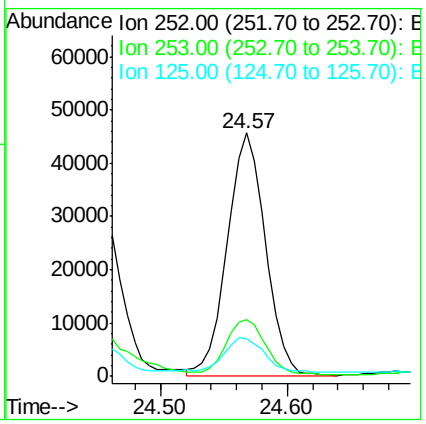


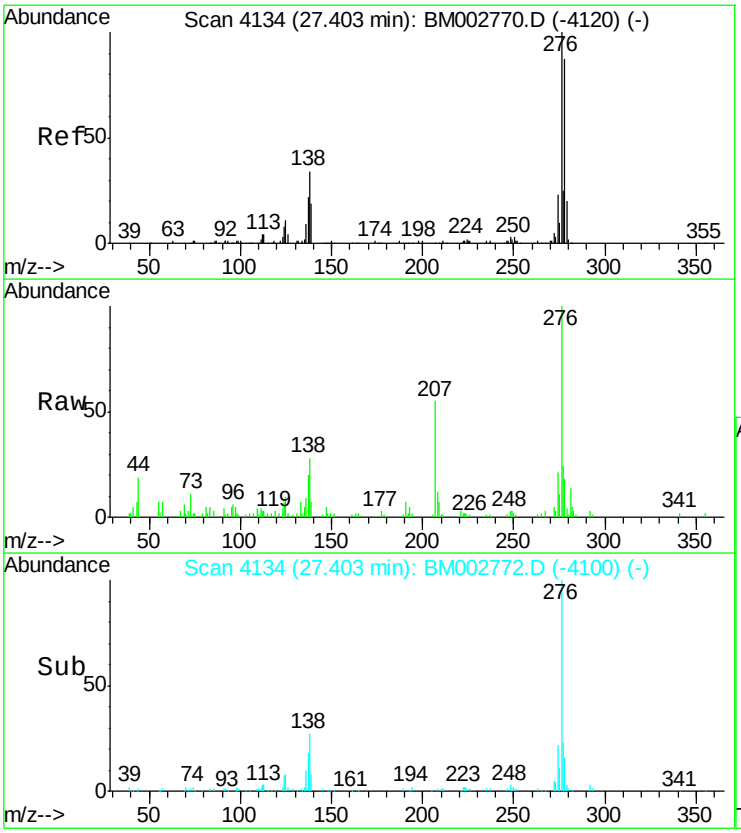
#91
Benzo(a)pyrene
Concen: 3.84 ng/ul
RT: 24.57 min Scan# 3652
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:252 Resp: 96075

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	15.4	11.4	17.2

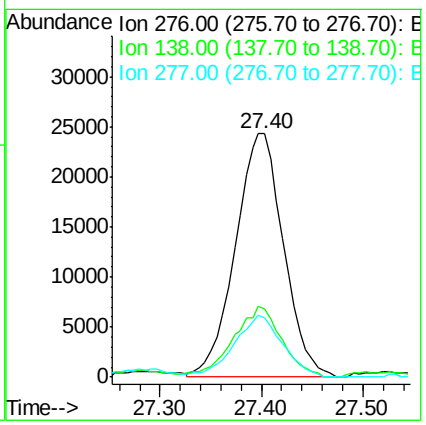


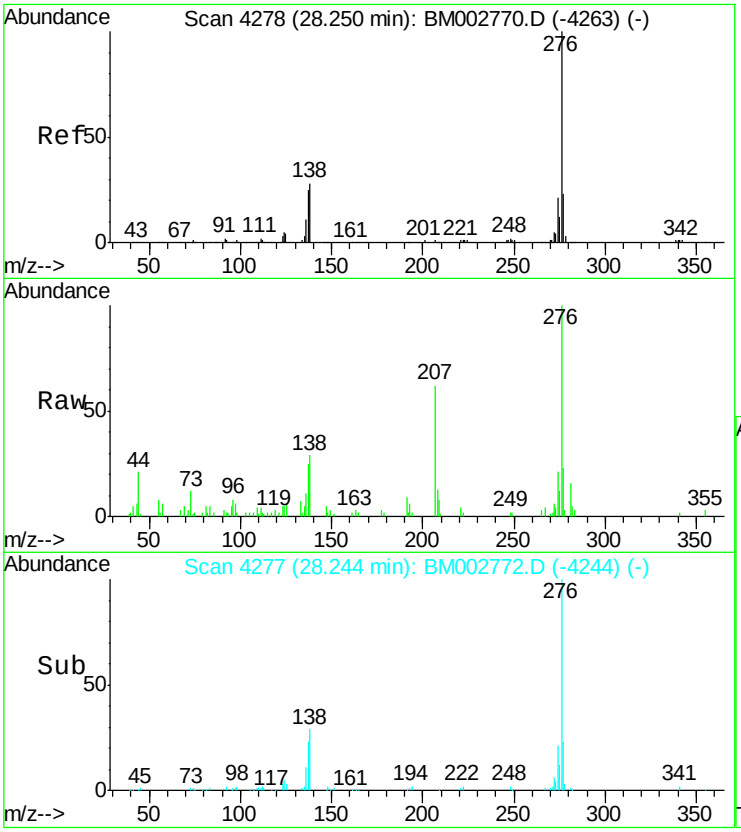


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.74 ng/ul
RT: 27.40 min Scan# 4134
Delta R.T. -0.00 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Tgt Ion:276 Resp: 80043

Ion	Ratio	Lower	Upper
276	100		
138	28.0	27.7	41.5
277	24.1	20.2	30.4





#94
Benzo(g,h,i)perylene
Concen: 3.27 ng/ul
RT: 28.24 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BM002772.D
Acq: 30 Sep 2015 07:10

Instrument :
BNA_M
ClientSampleId :
E5MX0MSD

Tgt Ion:276 Resp: 80224

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.8	32.8
277	23.0	18.9	28.3