Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040616\
Data File : BM004913.D
Acq On : 06 Apr 2016 20:17
Operator : UM/SJ
Sample : H1940-13MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9SH7MSD

Quant Time: Apr 07 04:34:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 04:29:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	51757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	239588	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	145539	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	346951	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	426813	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	384334	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	2881	2.25	ng/uL	0.00
5) Phenol-d5	6.98	99	74349	16.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	43238	17.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	59256	16.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	61584	15.94	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	30448	17.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	33326	17.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	62123	17.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	73083	17.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	211317	18.40	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	258152	18.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	35210	15.51	ng/ul	0.00
58) Fluorene-d10	15.45	176	193065	19.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	29579	14.23	ng/ul	0.00
71) Anthracene-d10	17.30	188	305094	19.65	ng/ul	0.00
79) Pyrene-d10	19.60	212	371249	20.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	340800	20.01	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.01	94	76194	15.86	ng/ul	99
10) 2-Chlorophenol	7.39	128	59477	16.18	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.62	70	49985	16.91	ng/ul	95
33) 4-Chloro-3-methylphenol	11.89	107	74290	17.80	ng/ul	99
45) Dimethylphthalate	13.91	163	44892	3.84	ng/ul	99
50) Acenaphthene	14.52	153	181686	18.55	ng/ul	99
53) 4-Nitrophenol	14.67	109	29883	16.06	ng/ul	95
55) 2,4-Dinitrotoluene	14.82	165	62694	18.31	ng/ul	93
69) Pentachlorophenol	16.85	266	38418	15.68	ng/ul	98
70) Phenanthrene	17.24	178	52866	2.76	ng/ul	100
77) Fluoranthene	19.26	202	209001	9.83	ng/ul	99
80) Pyrene	19.63	202	626674	25.66	ng/ul	99
83) Benzo(a)anthracene	21.37	228	76759	3.14	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.30	149	18811	1.27	ng/ul#	95
85) Chrysene	21.42	228	110140	4.74	ng/ul	98
88) Benzo(b)fluoranthene	22.99	252	148096	6.72	ng/ul	98
89) Benzo(k)fluoranthene	22.99	252	148096	7.01	ng/ul	97
91) Benzo(a)pyrene	23.58	252	76528	3.58	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.99	276	47158	1.85	ng/ul#	93
94) Benzo(g,h,i)perylene	26.71	276	43684	2.00	ng/ul	99

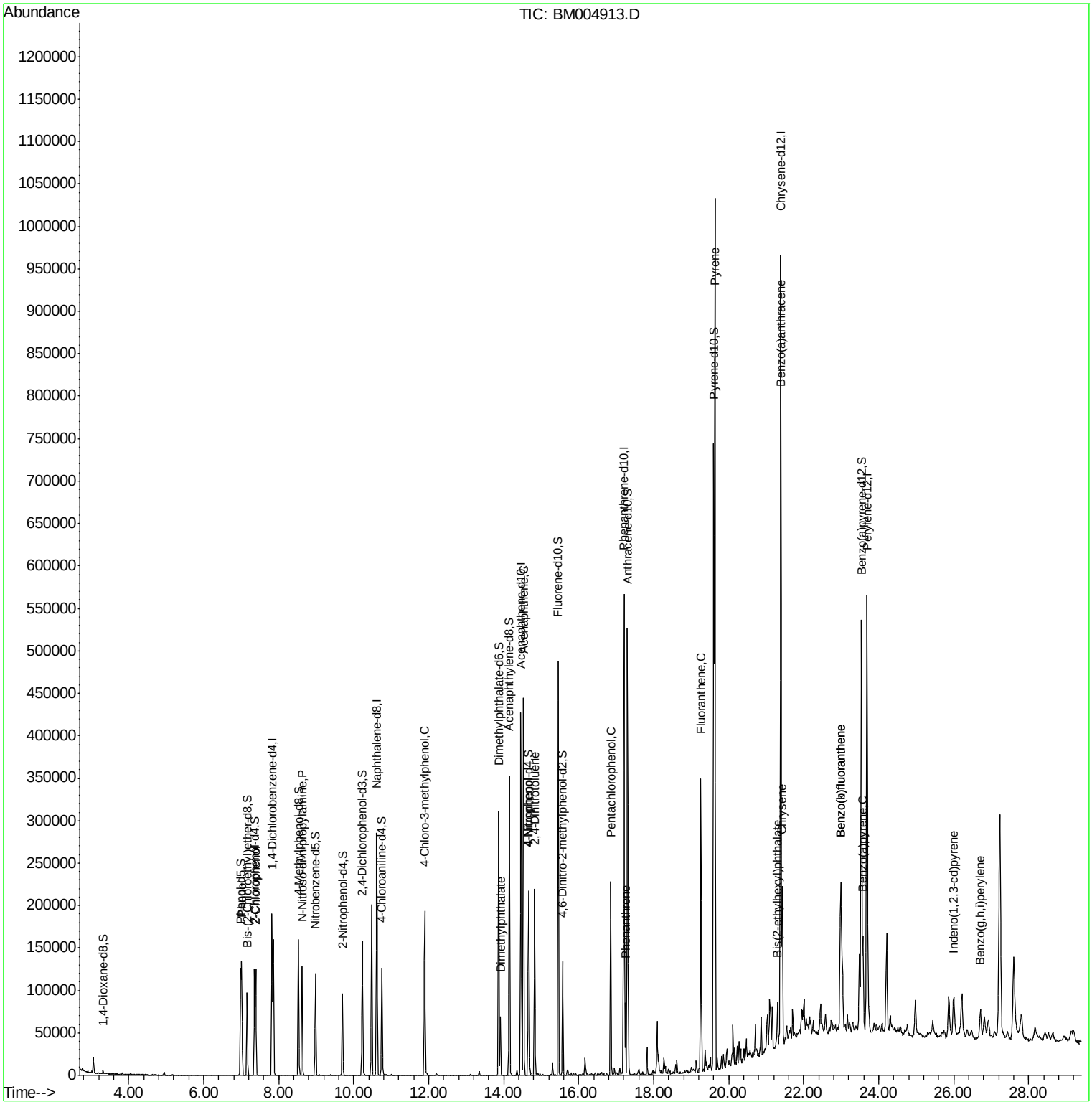
(#) = qualifier out of range (m) = manual integration (+) = signals summed

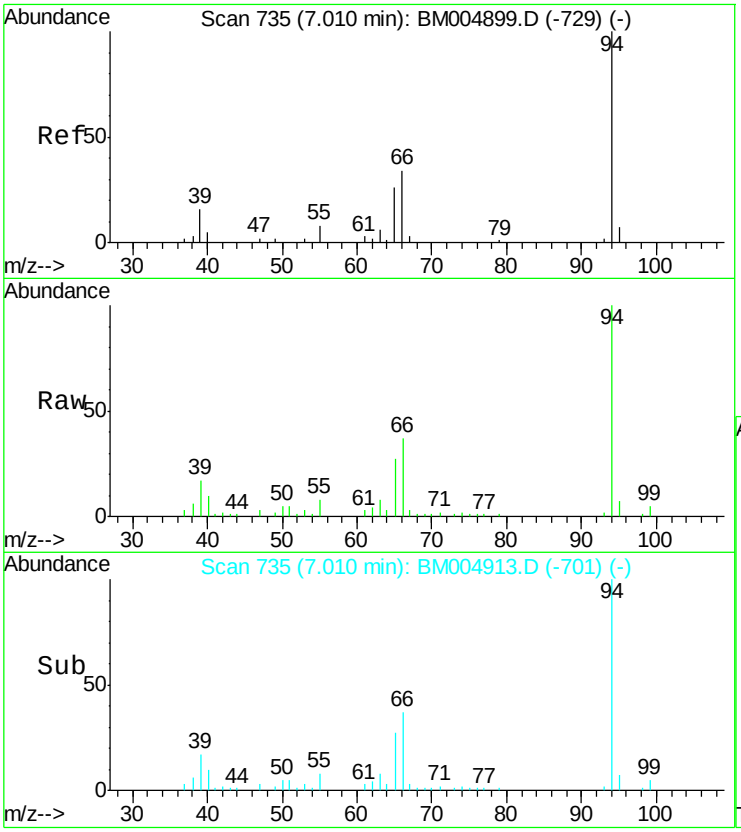
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040616\
Data File : BM004913.D
Acq On : 06 Apr 2016 20:17
Operator : UM/SJ
Sample : H1940-13MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Quant Time: Apr 07 04:34:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 04:29:45 2016
Response via : Initial Calibration



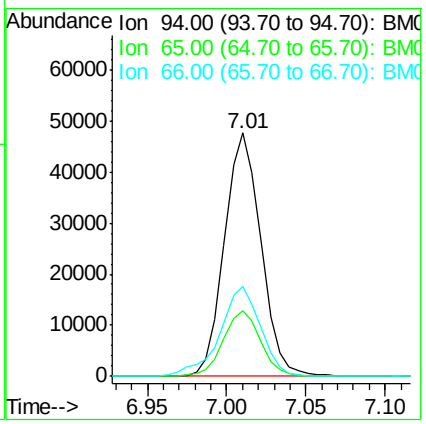


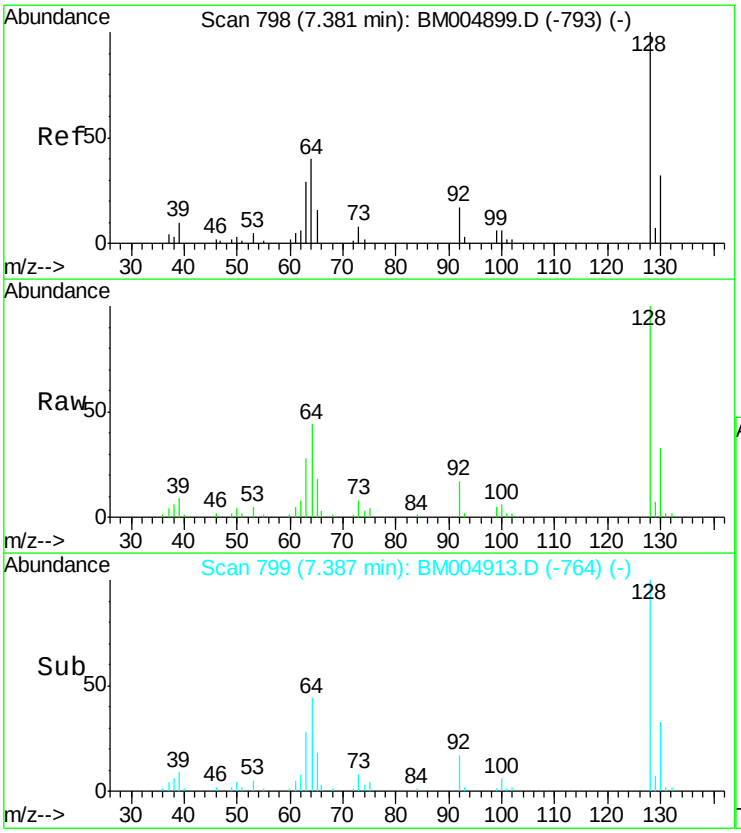
#6
Phenol
Concen: 15.86 ng/ul
RT: 7.01 min Scan# 735
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion: 94 Resp: 76194

Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.0	31.6
66	36.7	29.3	43.9

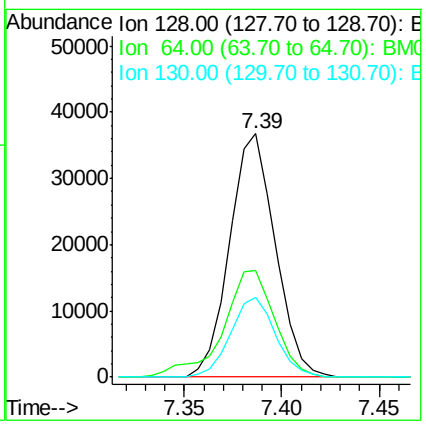


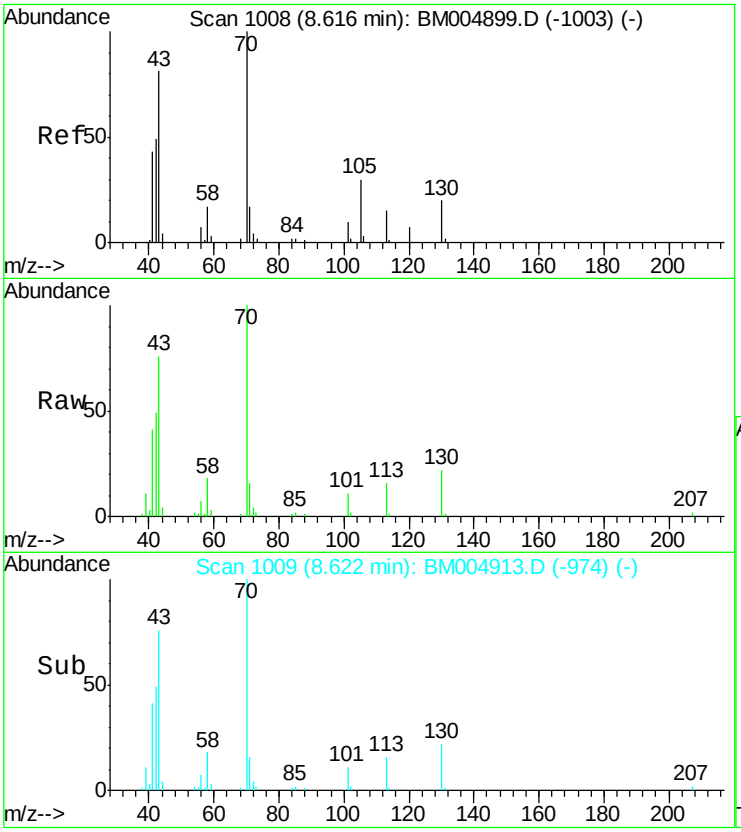


#10
2-Chlorophenol
Concen: 16.18 ng/ul
RT: 7.39 min Scan# 799
Delta R.T. 0.01 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:128 Resp: 59477

Ion	Ratio	Lower	Upper
128	100		
64	43.7	31.9	47.9
130	32.5	25.6	38.4



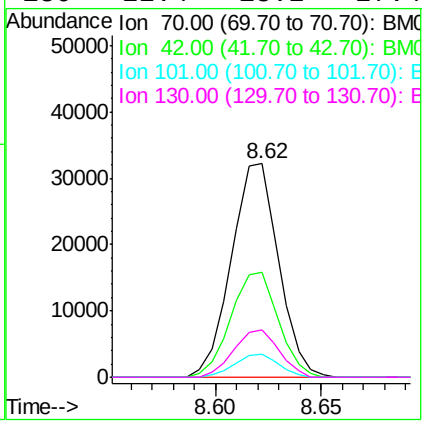


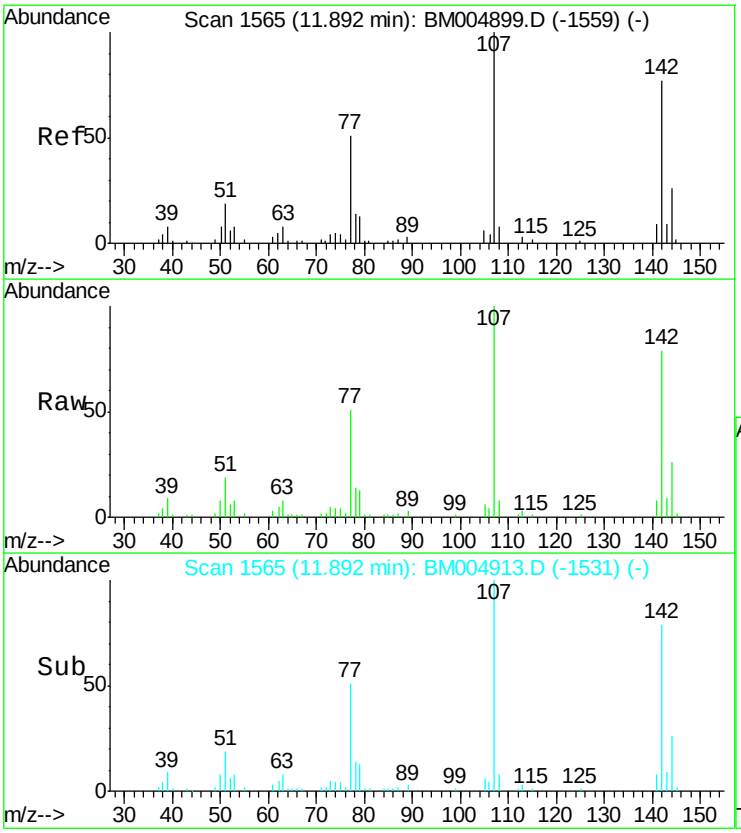
#15
N-Nitroso-di-n-propylamine
Concen: 16.91 ng/ul
RT: 8.62 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion: 70 Resp: 49985

Ion	Ratio	Lower	Upper
70	100		
42	49.4	35.4	53.0
101	10.7	8.4	12.6
130	22.4	18.2	27.4

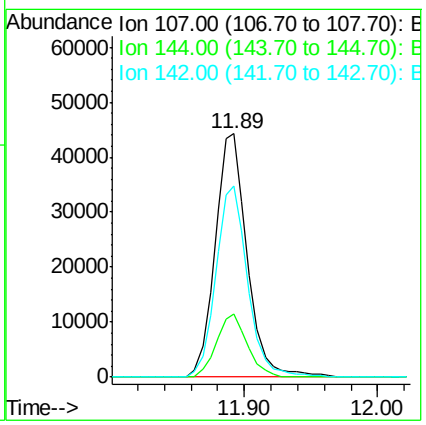


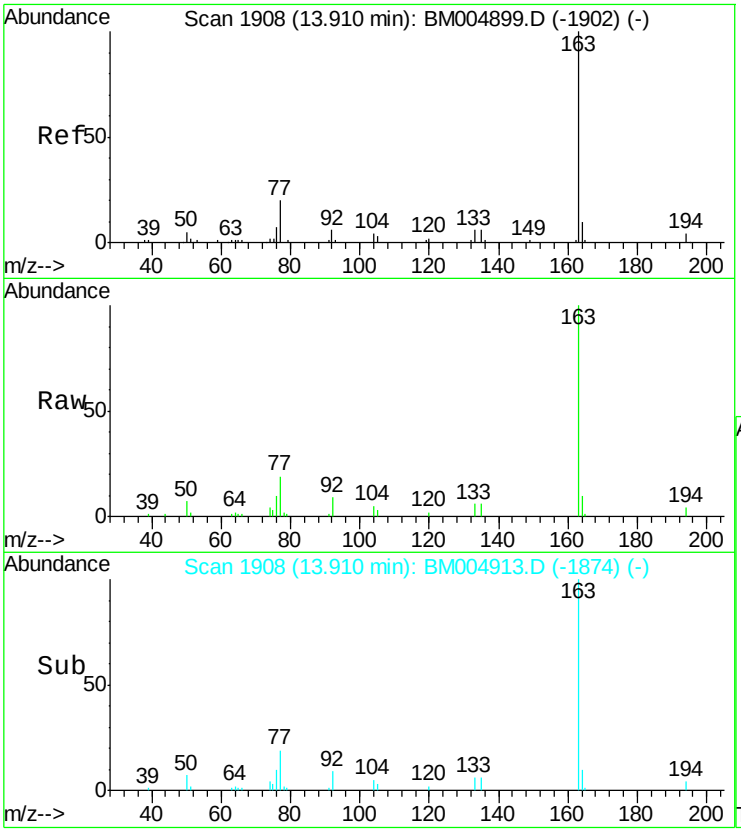


#33
4-Chloro-3-methylphenol
Concen: 17.80 ng/ul
RT: 11.89 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:107 Resp: 74290

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.4	30.6
142	78.6	62.5	93.7



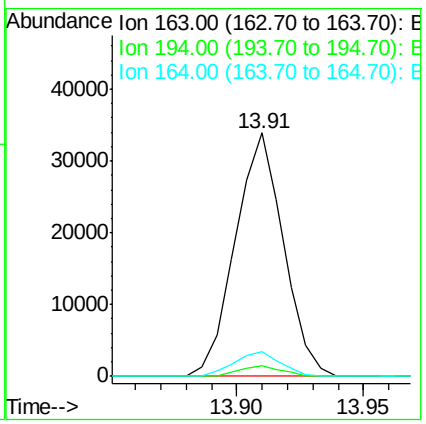


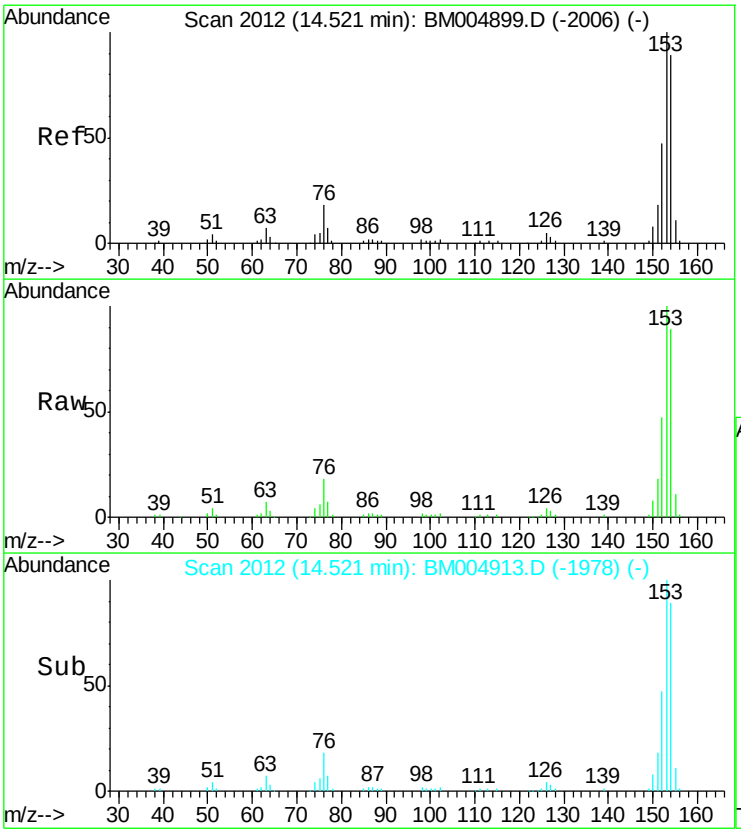
#45
Dimethylphthalate
Concen: 3.84 ng/ul
RT: 13.91 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion:163 Resp: 44892

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	7.8	11.8

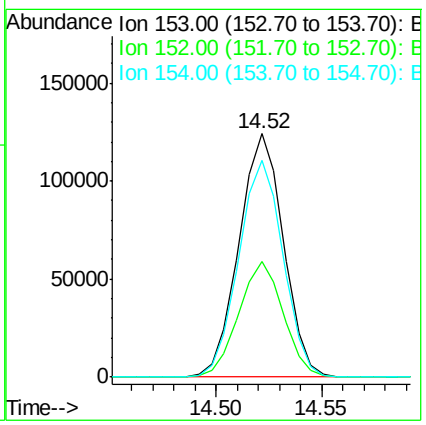


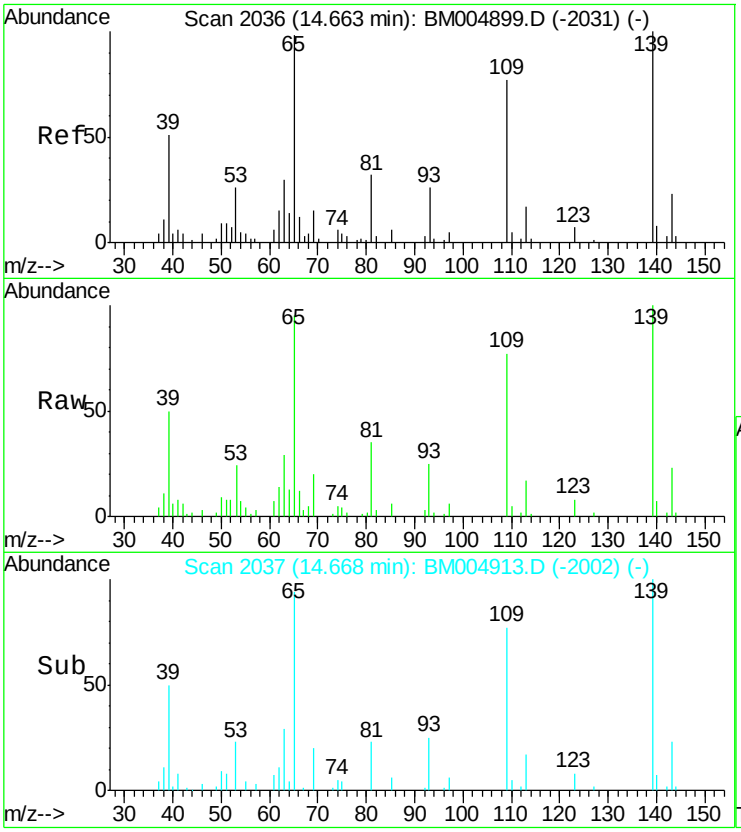


#50
Acenaphthene
Concen: 18.55 ng/ul
RT: 14.52 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:153 Resp: 181686

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.3	57.5
154	89.0	71.8	107.8



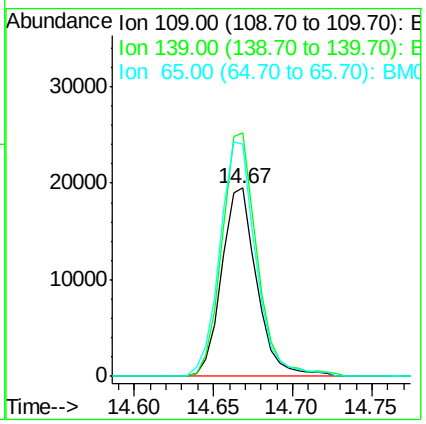


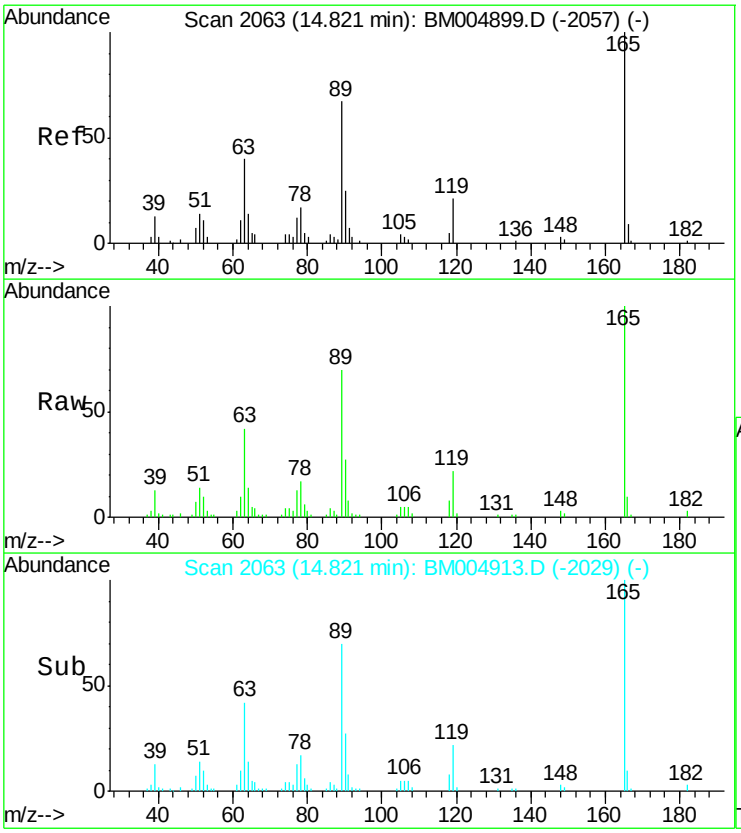
#53
4-Nitrophenol
Concen: 16.06 ng/ul
RT: 14.67 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion:109 Resp: 29883

Ion	Ratio	Lower	Upper
109	100		
139	129.5	103.7	155.5
65	123.3	89.4	134.2

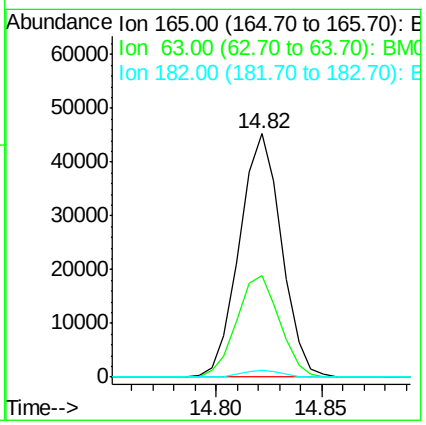


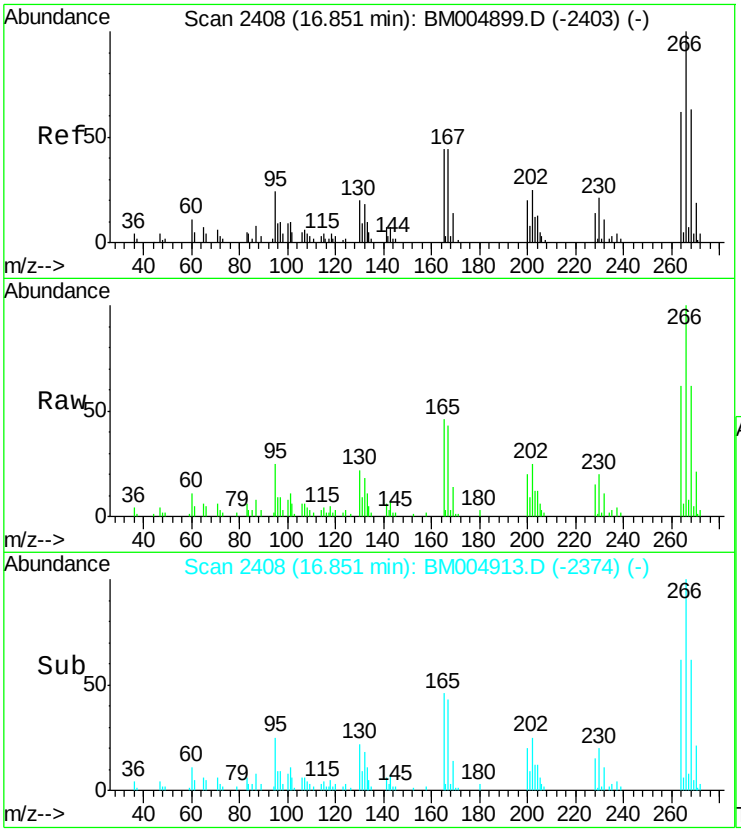


#55
2,4-Dinitrotoluene
Concen: 18.31 ng/ul
RT: 14.82 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:165 Resp: 62694

Ion	Ratio	Lower	Upper
165	100		
63	41.7	29.8	44.6
182	2.9	2.2	3.4



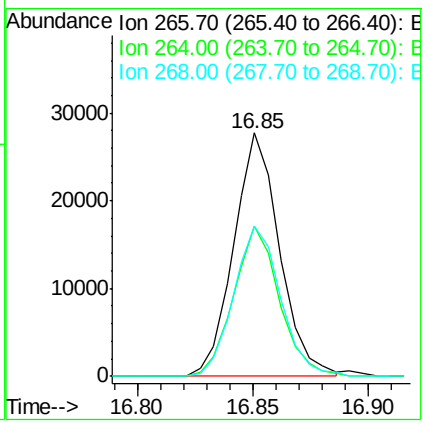


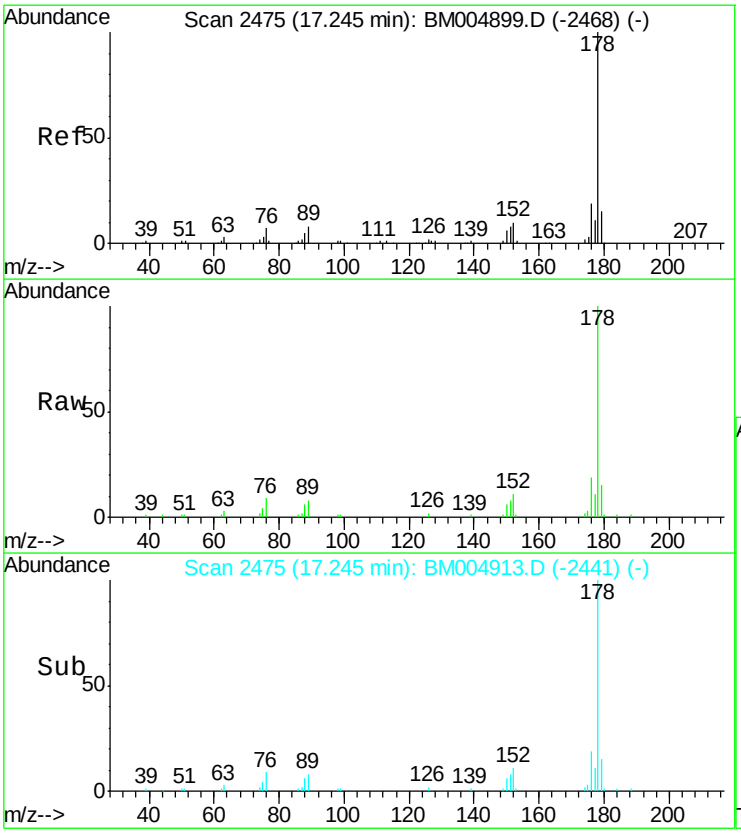
#69
Pentachlorophenol
Concen: 15.68 ng/ul
RT: 16.85 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion:266 Resp: 38418

Ion	Ratio	Lower	Upper
266	100		
264	61.5	50.5	75.7
268	61.6	50.9	76.3

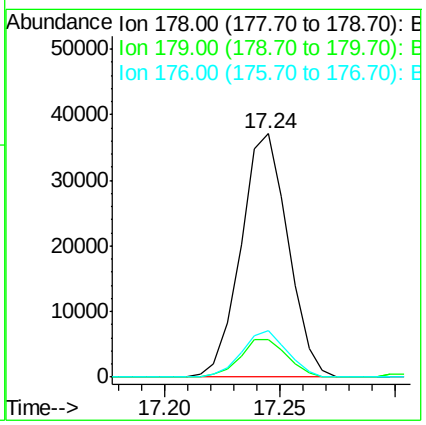


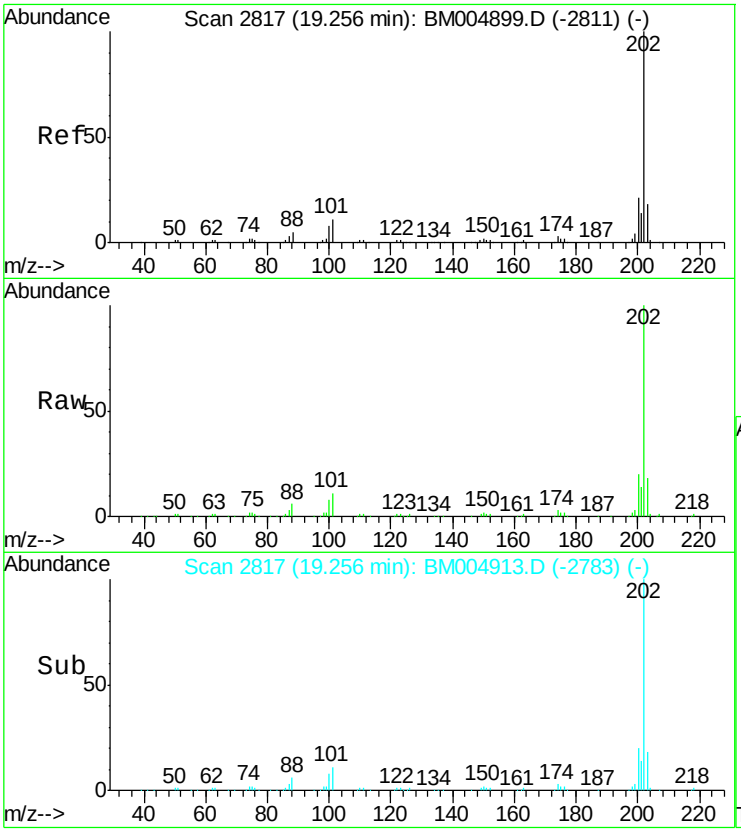


#70
Phenanthrene
Concen: 2.76 ng/ul
RT: 17.24 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:178 Resp: 52866

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.2	15.6	23.4



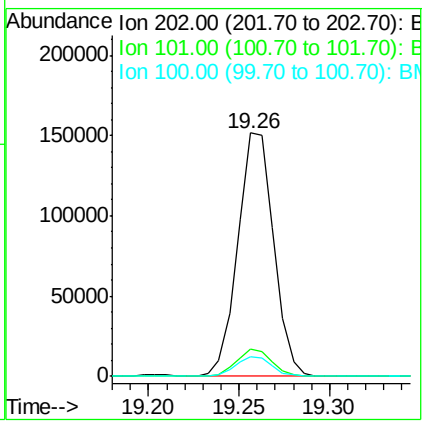


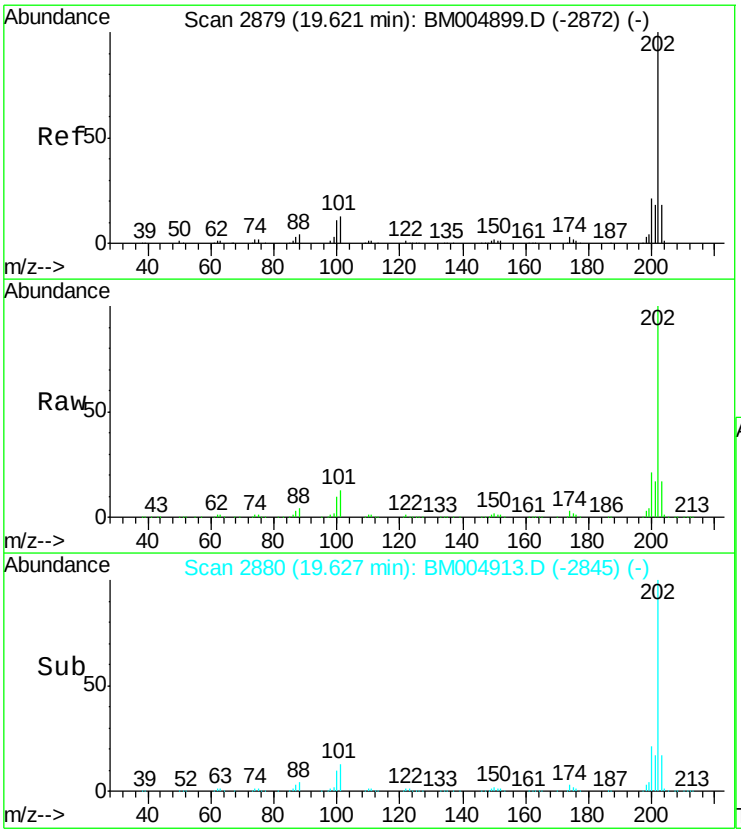
#77
Fluoranthene
Concen: 9.83 ng/ul
RT: 19.26 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion:202 Resp: 209001

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.8	13.2
100	8.3	6.6	9.8

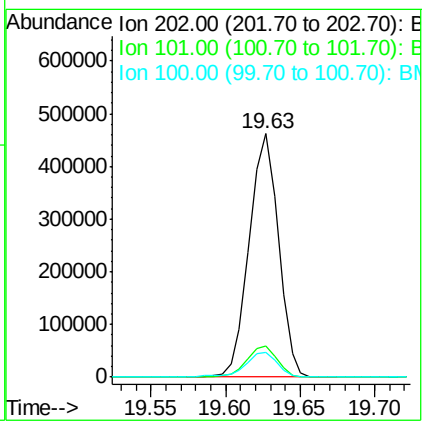


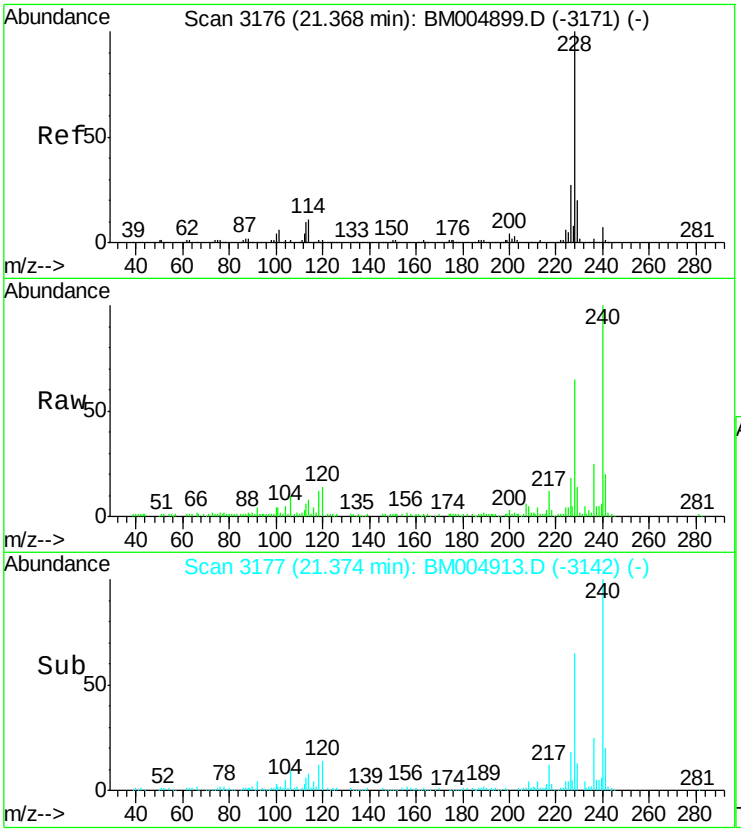


#80
Pyrene
Concen: 25.66 ng/ul
RT: 19.63 min Scan# 2880
Delta R.T. 0.01 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:202 Resp: 626674

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.2
100	10.1	8.5	12.7



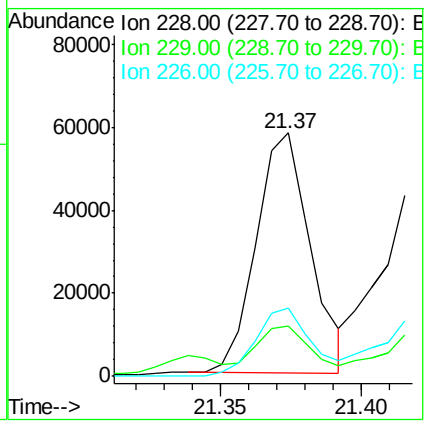


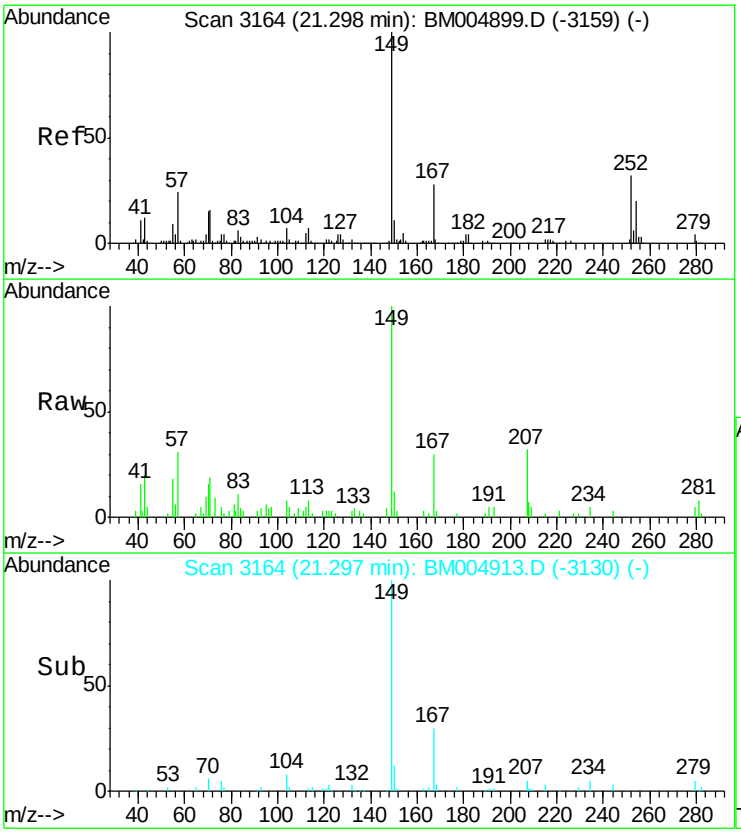
#83
Benzo(a)anthracene
Concen: 3.14 ng/ul
RT: 21.37 min Scan# 3177
Delta R.T. 0.01 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion:228 Resp: 76759

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	27.8	21.8	32.6

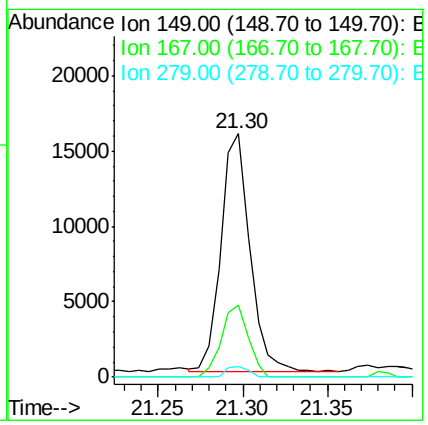


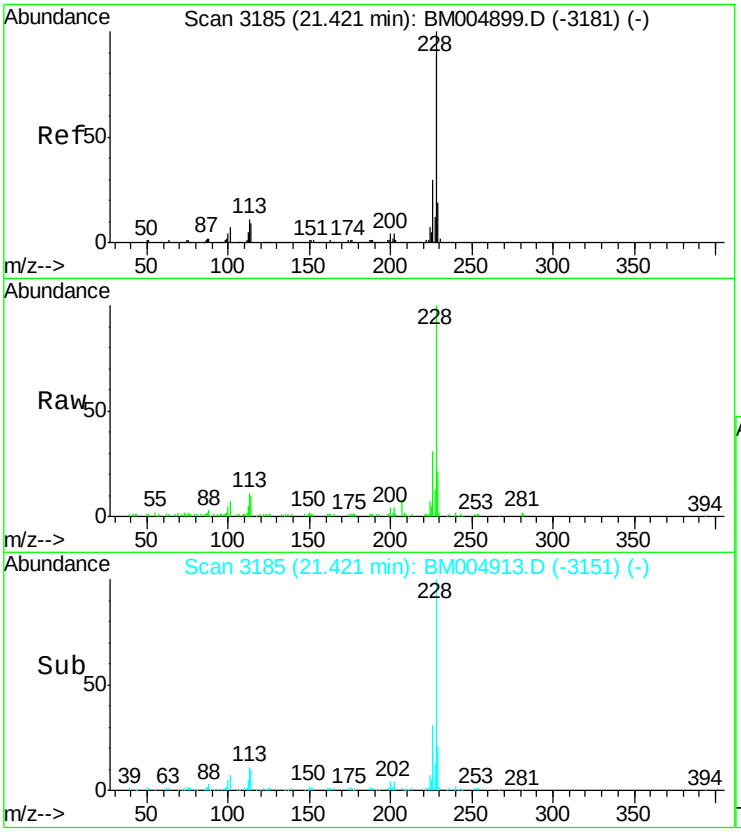


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.27 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:149 Resp: 18811

Ion	Ratio	Lower	Upper
149	100		
167	29.7	21.6	32.4
279	4.6	3.0	4.4#



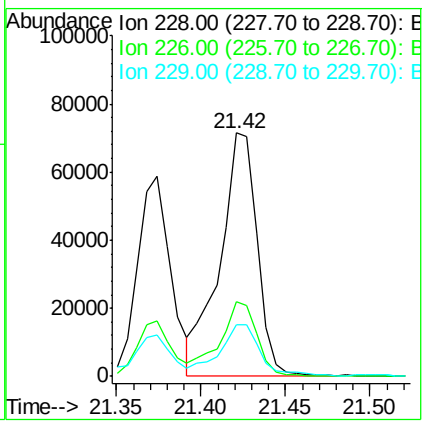


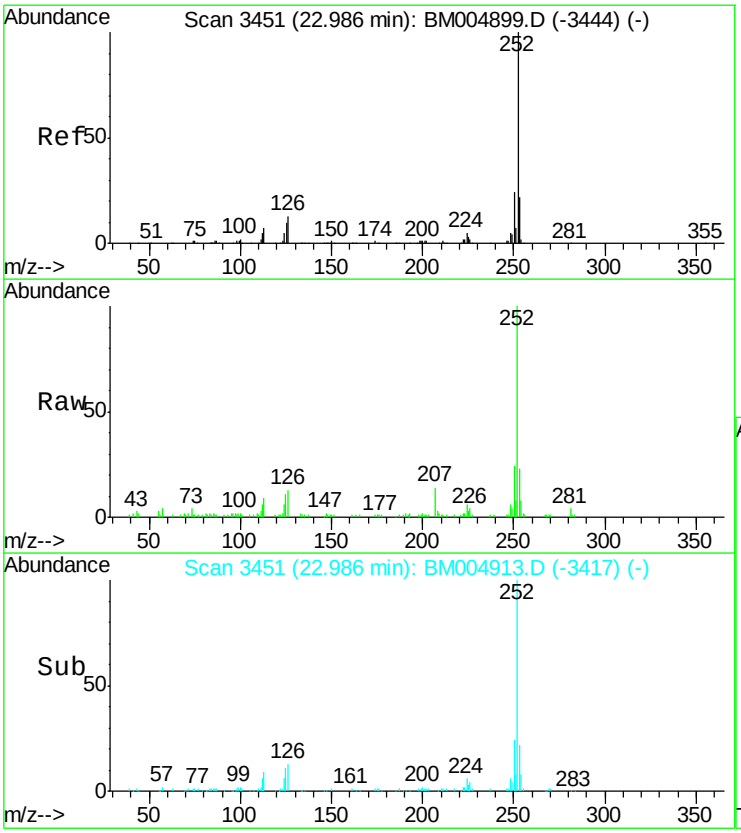
#85
Chrysene
Concen: 4.74 ng/ul
RT: 21.42 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion:228 Resp: 110140

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	21.4	15.6	23.4

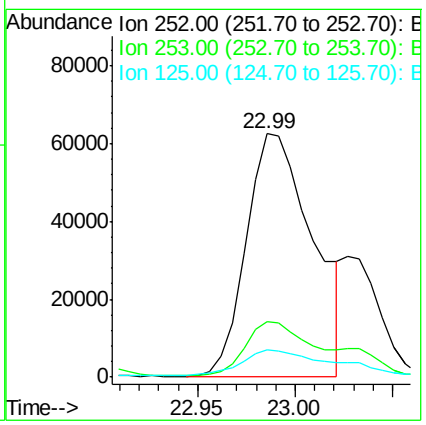


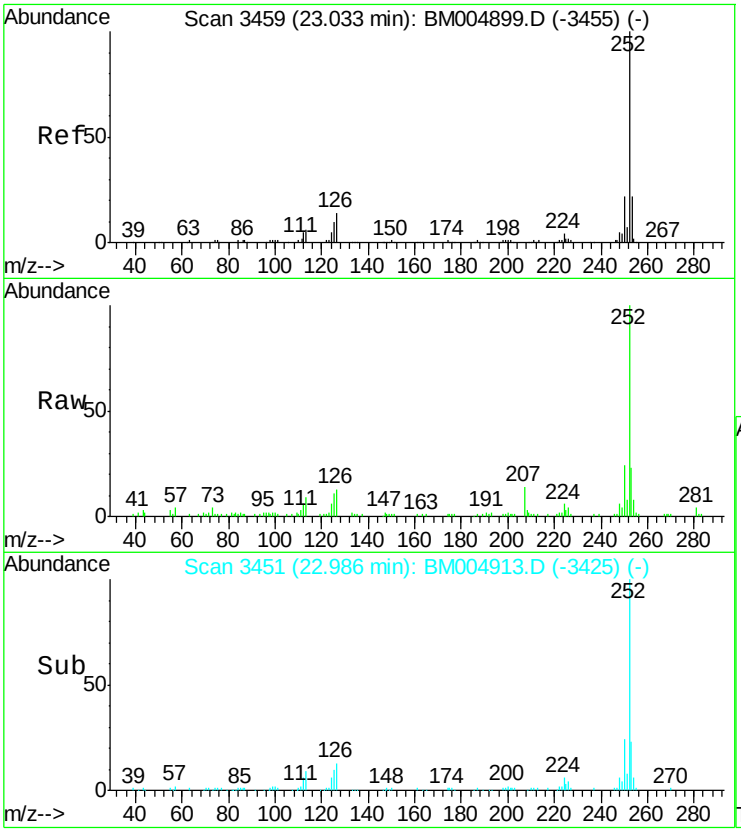


#88
Benzo(b)fluoranthene
Concen: 6.72 ng/ul
RT: 22.99 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:252 Resp: 148096

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	11.1	8.5	12.7



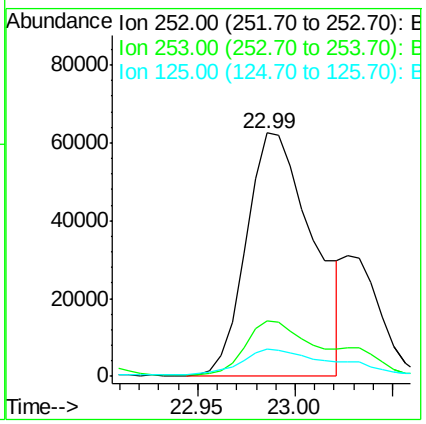


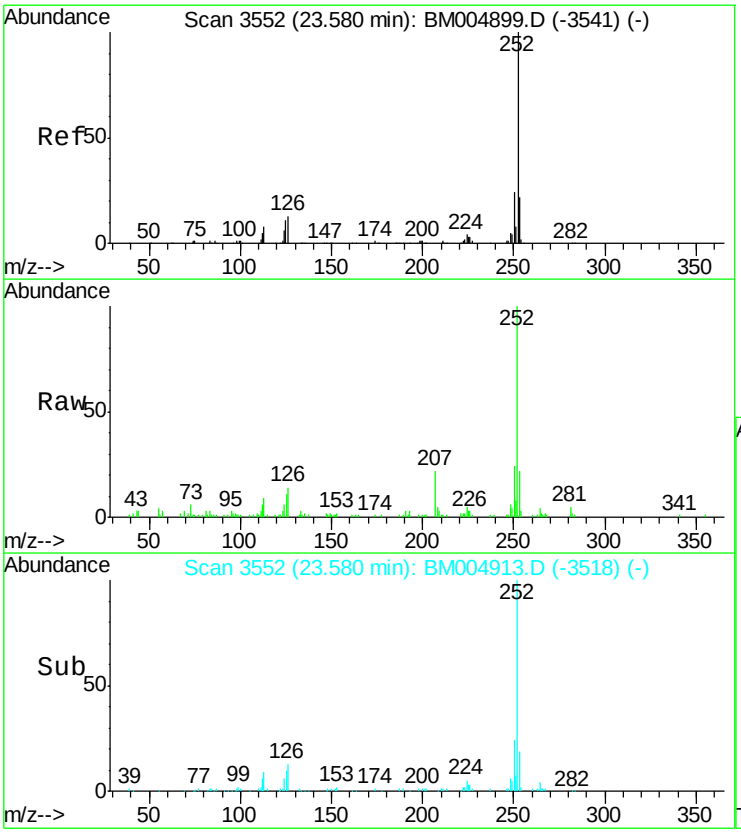
#89
Benzo(k)fluoranthene
Concen: 7.01 ng/ul
RT: 22.99 min Scan# 3451
Delta R.T. -0.05 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion:252 Resp: 148096

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	11.1	8.2	12.2

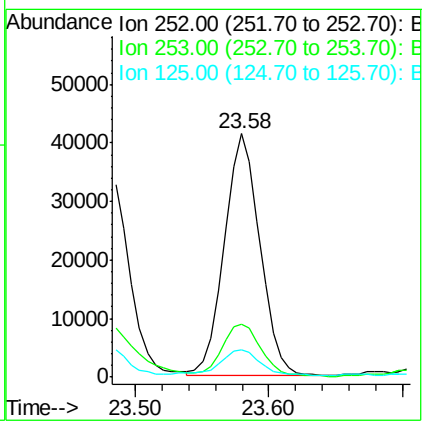


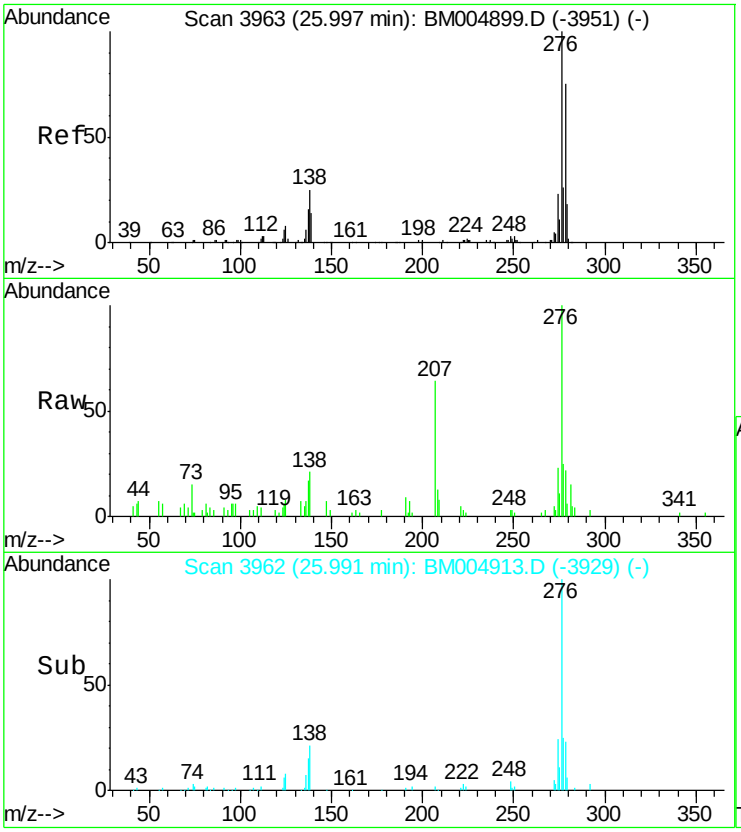


#91
Benzo(a)pyrene
Concen: 3.58 ng/ul
RT: 23.58 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:252 Resp: 76528

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.2	9.0	13.6



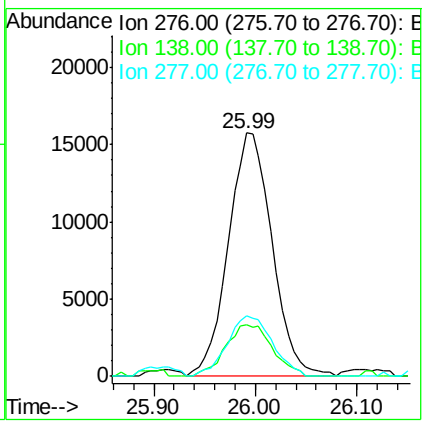


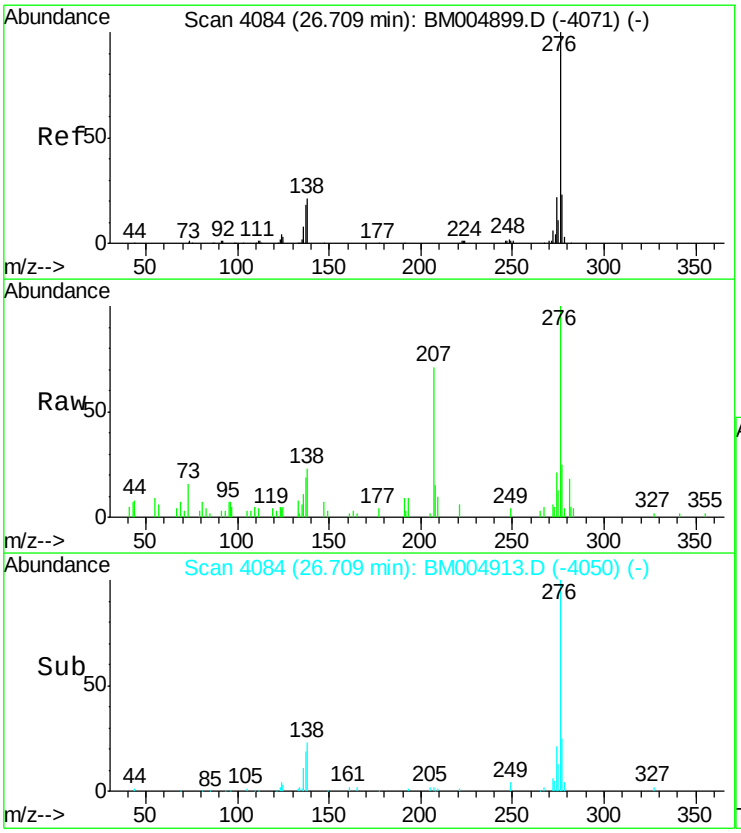
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.85 ng/ul
RT: 25.99 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tgt Ion:276 Resp: 47158

Ion	Ratio	Lower	Upper
276	100		
138	21.0	22.3	33.5#
277	24.7	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 2.00 ng/ul
RT: 26.71 min Scan# 4084
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion:276 Resp: 43684

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.9	28.3
277	24.6	19.2	28.8