Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005622.D
Acq On : 23 May 2016 22:59
Operator : UM/SJ
Sample : H3087-10MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK4MS

Quant Time: May 24 06:57:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	150171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	678041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	380284	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	834387	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	878532	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	902418	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	9703	2.83	ng/uL	0.00
5) Phenol-d5	6.97	99	203384	16.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	126167	17.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	172429	16.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	158747	15.74	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	86549	16.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	94261	16.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	162545	15.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	187216	17.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	523499	16.86	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	654030	16.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	80386	13.69	ng/ul	0.00
57) Fluorene-d10	15.43	176	457358	16.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	45488	9.48	ng/ul	0.00
70) Anthracene-d10	17.28	188	690595	17.38	ng/ul	0.00
76) Pyrene-d10	19.57	212	754803	18.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	729107	17.30	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	244526	19.28	ng/ul	91
10) 2-Chlorophenol	7.37	128	175573	17.04	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	147267	18.36	ng/ul	96
33) 4-Chloro-3-methylphenol	11.88	107	187581	16.16	ng/ul	98
44) Dimethylphthalate	13.89	163	87637	2.86	ng/ul	99
49) Acenaphthene	14.50	153	458918	17.65	ng/ul	100
52) 4-Nitrophenol	14.66	109	67564	11.45	ng/ul	83
54) 2,4-Dinitrotoluene	14.80	165	157727	17.43	ng/ul	99
58) Fluorene	15.49	166	34580	1.16	ng/ul	98
68) Pentachlorophenol	16.83	266	62815	9.88	ng/ul	98
69) Phenanthrene	17.22	178	442854	9.50	ng/ul	99
71) Anthracene	17.31	178	124761	2.63	ng/ul	99
74) Fluoranthene	19.23	202	827265	15.76	ng/ul	96
77) Pyrene	19.60	202	1727948	34.21	ng/ul	97
80) Benzo(a)anthracene	21.34	228	306857	5.94	ng/ul	96
82) Chrysene	21.39	228	367162	7.47	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	356857	6.70	ng/ul#	94
86) Benzo(k)fluoranthene	22.95	252	356857	7.08	ng/ul#	95
88) Benzo(a)pyrene	23.53	252	273061	5.29	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	145252	2.37	ng/ul	98
91) Benzo(g,h,i)perylene	26.64	276	123182	2.39	ng/ul#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005622.D
Acq On : 23 May 2016 22:59
Operator : UM/SJ
Sample : H3087-10MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Quant Time: May 24 06:57:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

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

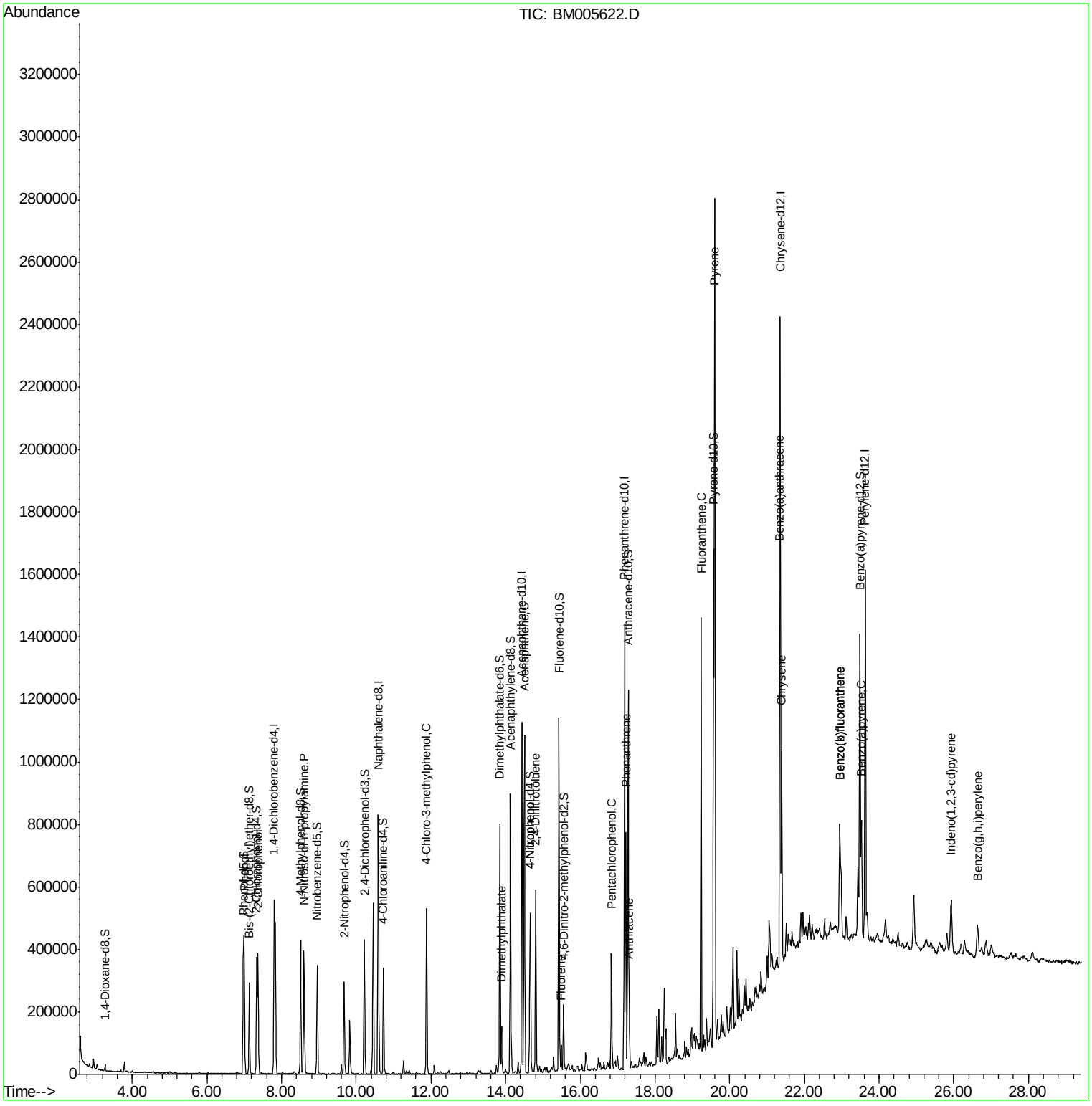
(#) = qualifier out of range (m) = manual integration (+) = signals summed

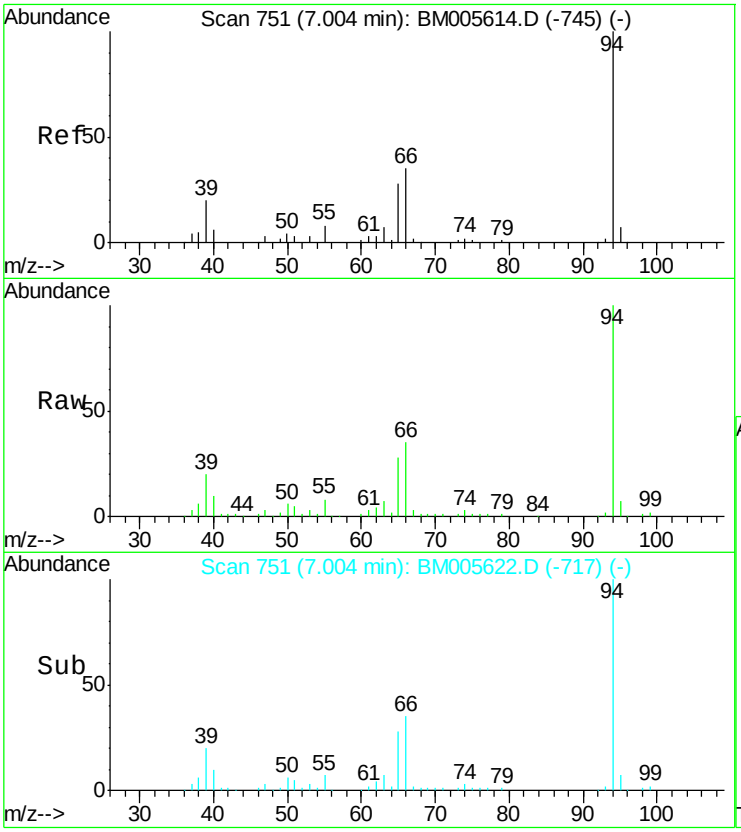
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005622.D
Acq On : 23 May 2016 22:59
Operator : UM/SJ
Sample : H3087-10MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK4MS

Quant Time: May 24 06:57:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration



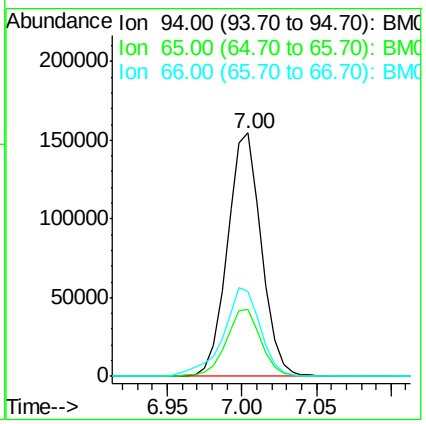


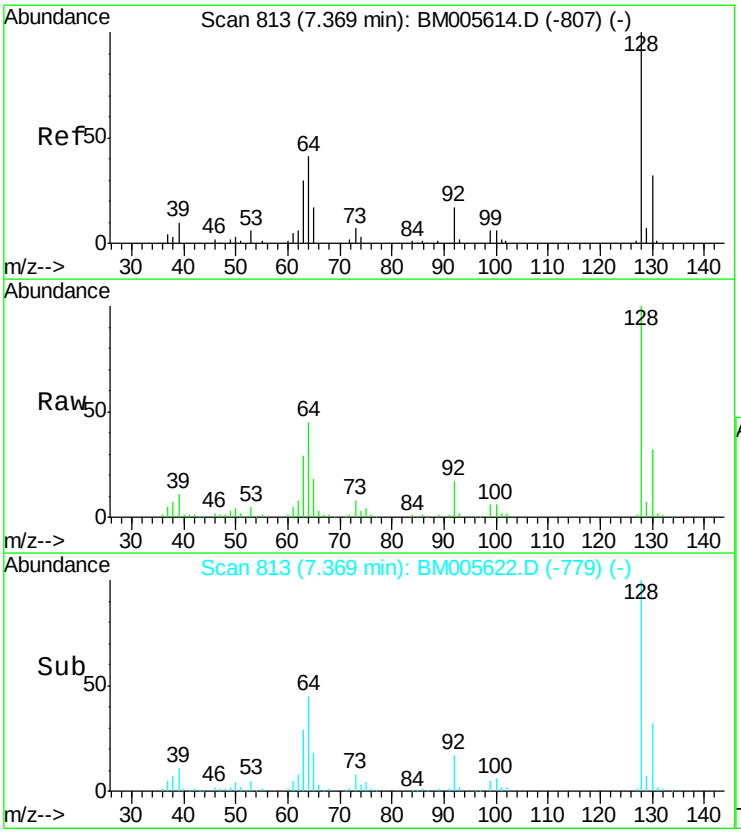
#6
Phenol
Concen: 19.28 ng/ul
RT: 7.00 min Scan# 751
Delta R.T. 0.00 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion: 94 Resp: 244526

Ion	Ratio	Lower	Upper
94	100		
65	27.5	24.2	36.2
66	34.9	33.9	50.9

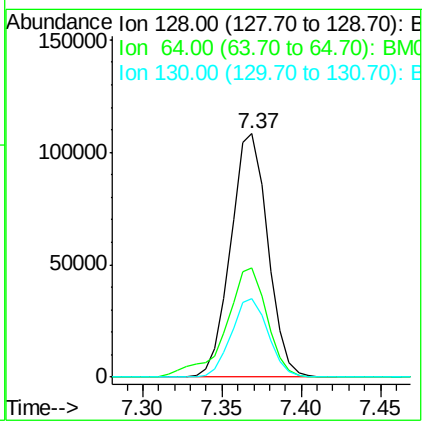


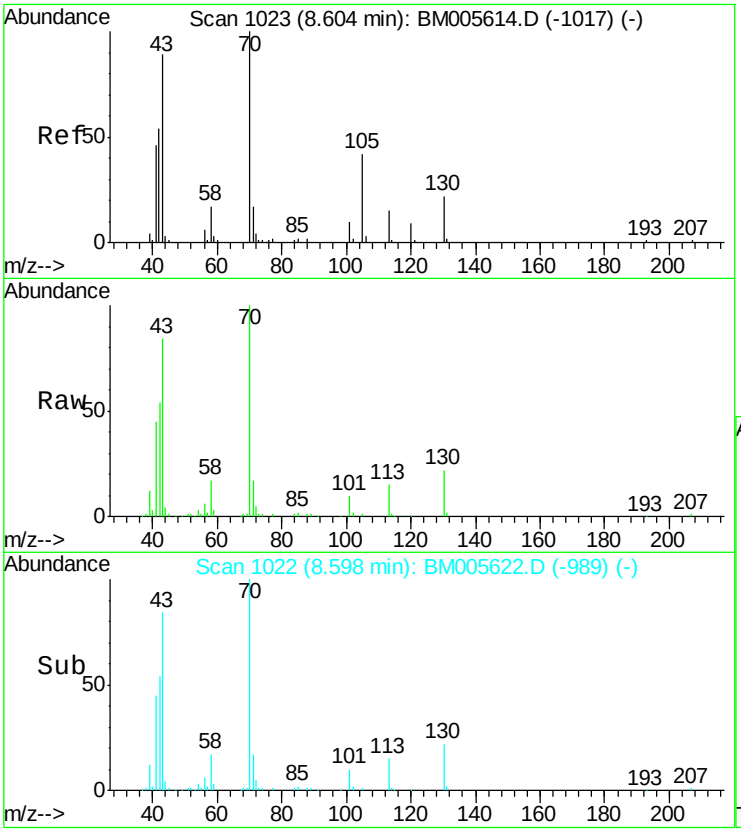


#10
2-Chlorophenol
Concen: 17.04 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. 0.00 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:128 Resp: 175573

Ion	Ratio	Lower	Upper
128	100		
64	44.7	37.3	55.9
130	32.3	26.6	40.0



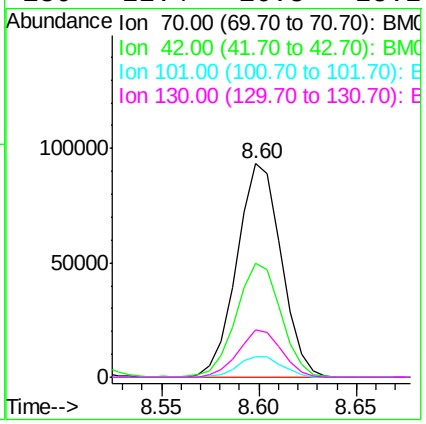


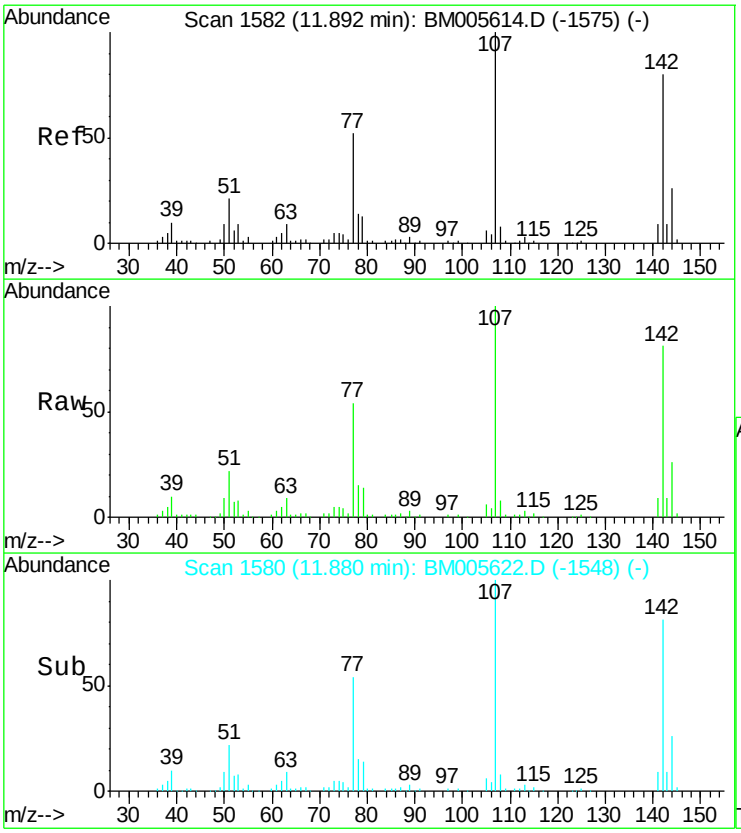
#15
N-Nitroso-di-n-propylamine
Concen: 18.36 ng/ul
RT: 8.60 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion: 70 Resp: 147267

Ion	Ratio	Lower	Upper
70	100		
42	53.6	46.1	69.1
101	9.8	8.0	12.0
130	22.4	16.8	25.2

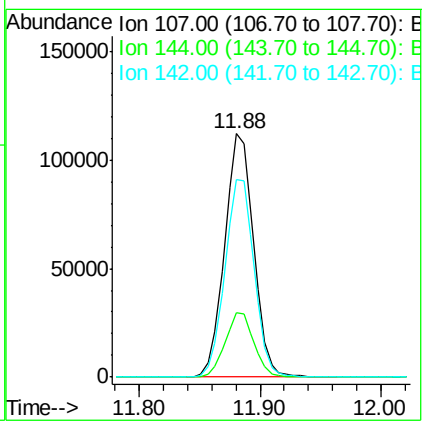


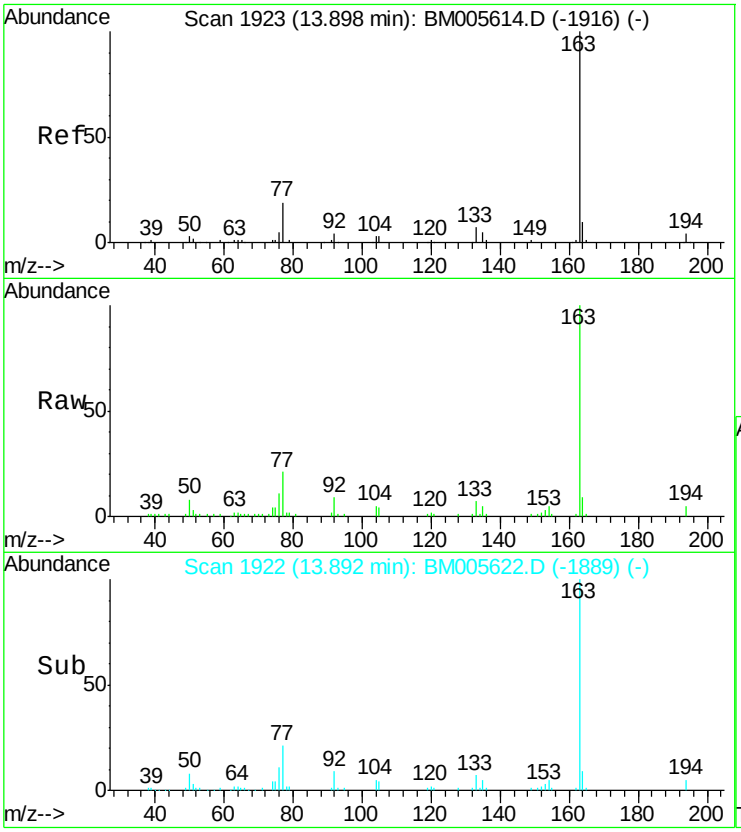


#33
4-Chloro-3-methylphenol
Concen: 16.16 ng/ul
RT: 11.88 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:107 Resp: 187581

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.6	31.0
142	81.2	63.5	95.3



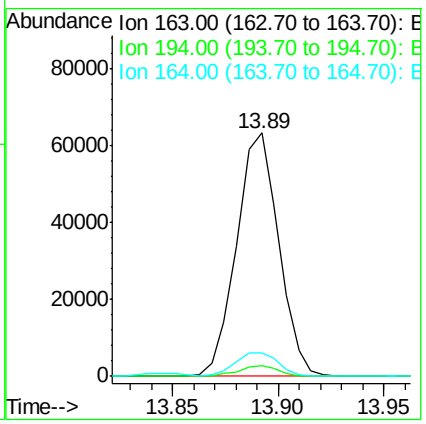


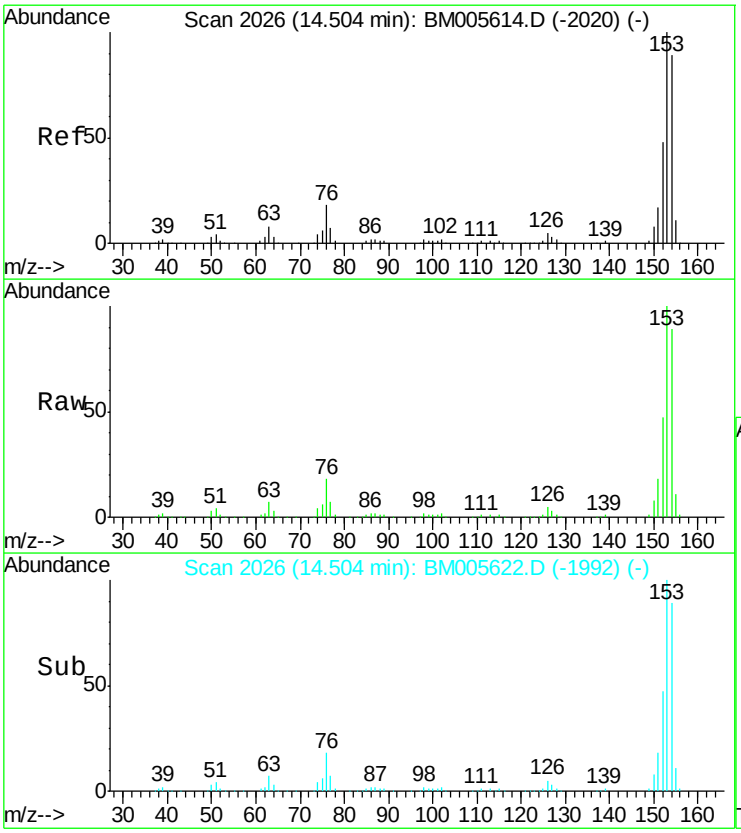
#44
Dimethylphthalate
Concen: 2.86 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion:163 Resp: 87637

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.5	8.0	12.0

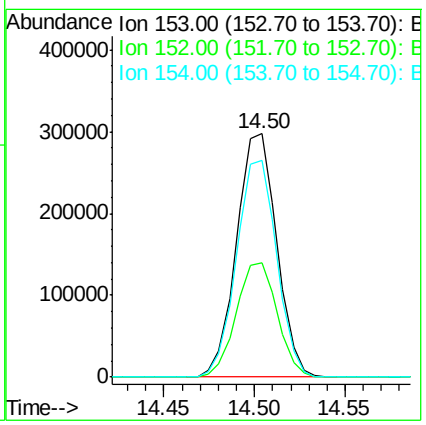


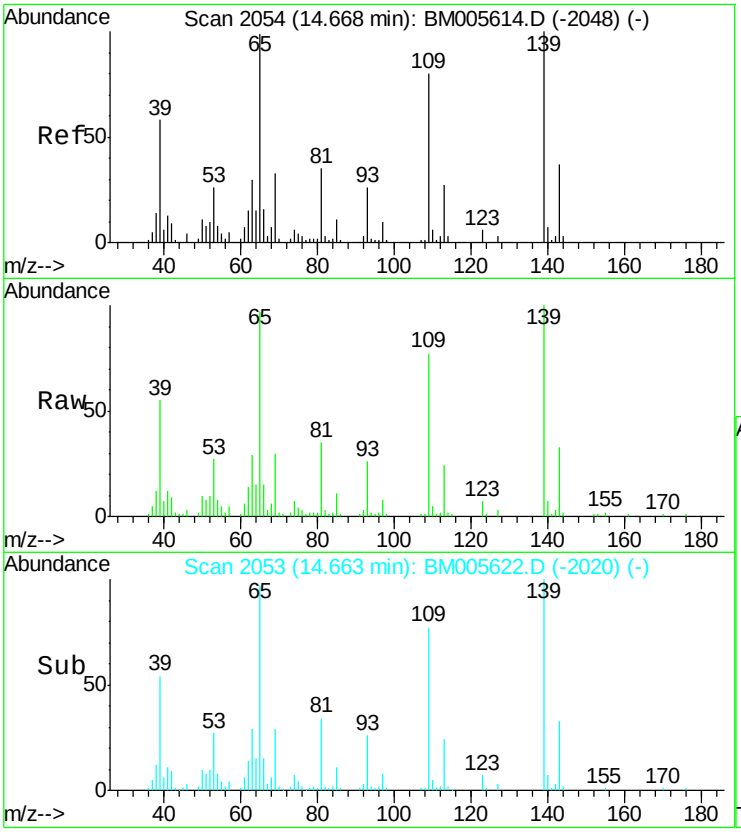


#49
Acenaphthene
Concen: 17.65 ng/ul
RT: 14.50 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:153 Resp: 458918

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.8	56.6
154	89.2	71.1	106.7



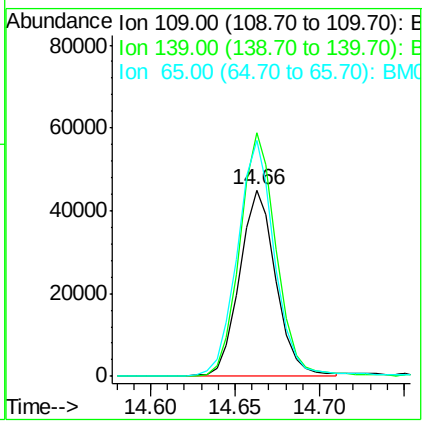


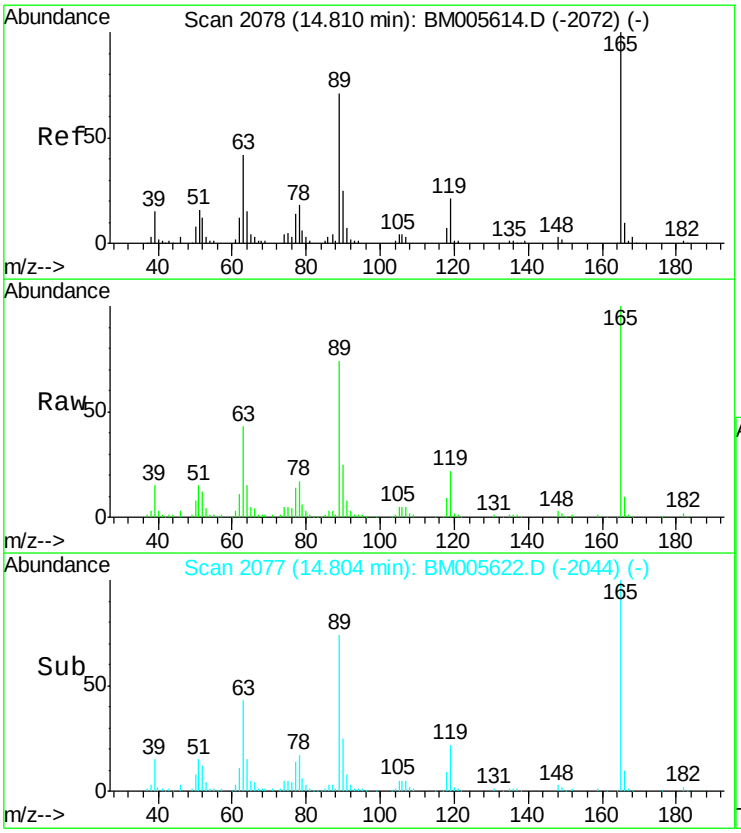
#52
4-Nitrophenol
Concen: 11.45 ng/ul
RT: 14.66 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion:109 Resp: 67564

Ion	Ratio	Lower	Upper
109	100		
139	130.5	87.5	131.3
65	126.8	90.2	135.2

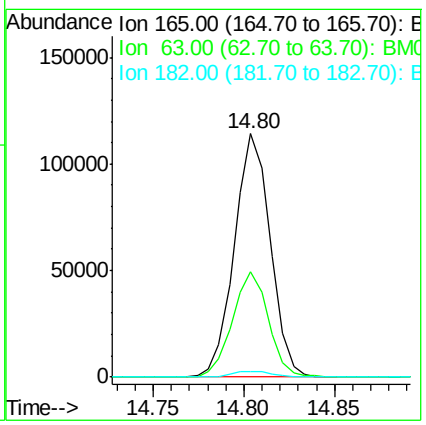


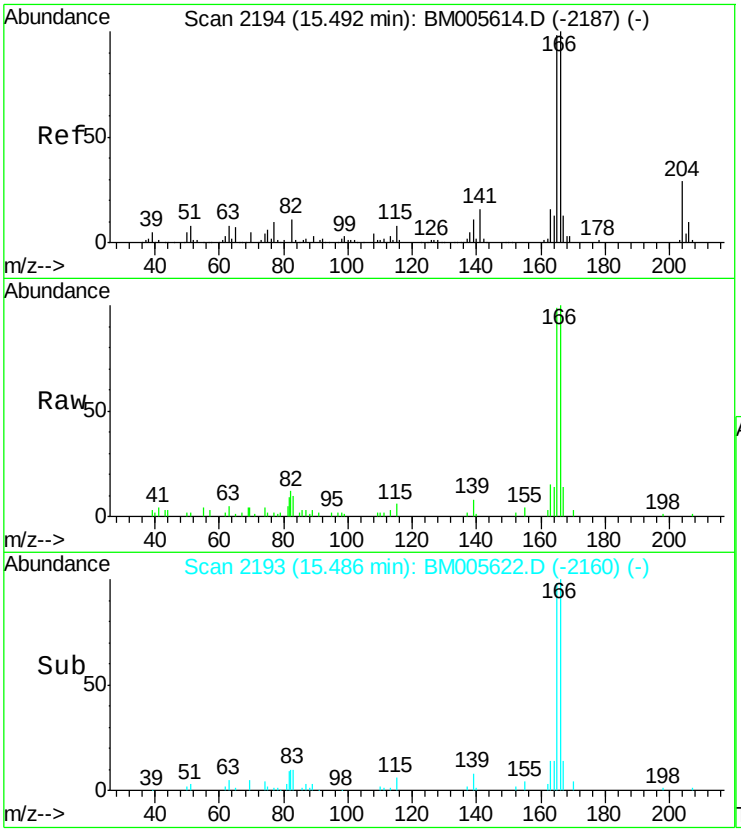


#54
2,4-Dinitrotoluene
Concen: 17.43 ng/ul
RT: 14.80 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:165 Resp: 157727

Ion	Ratio	Lower	Upper
165	100		
63	43.1	33.9	50.9
182	2.5	2.3	3.5



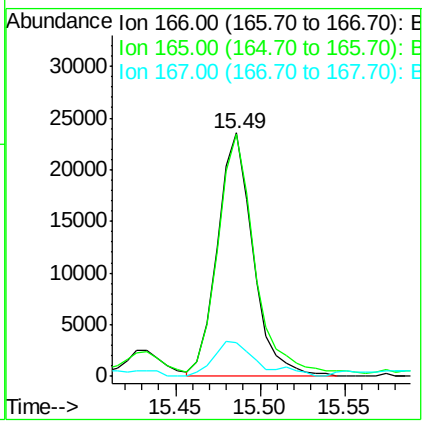


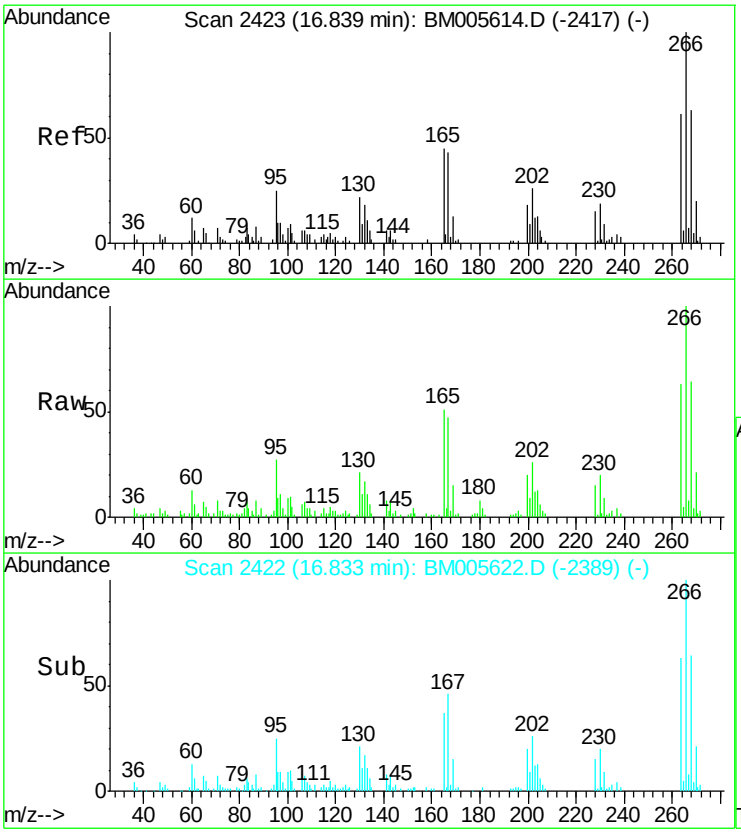
#58
Fluorene
Concen: 1.16 ng/ul
RT: 15.49 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion:166 Resp: 34580

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.0	117.0
167	13.6	10.5	15.7

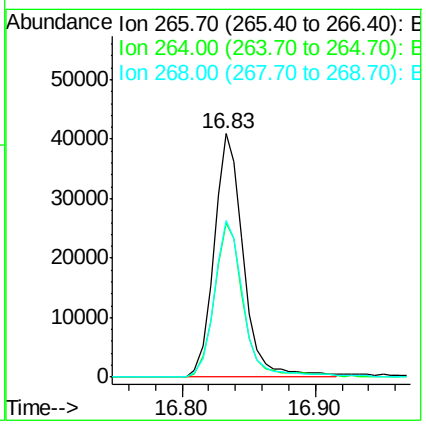


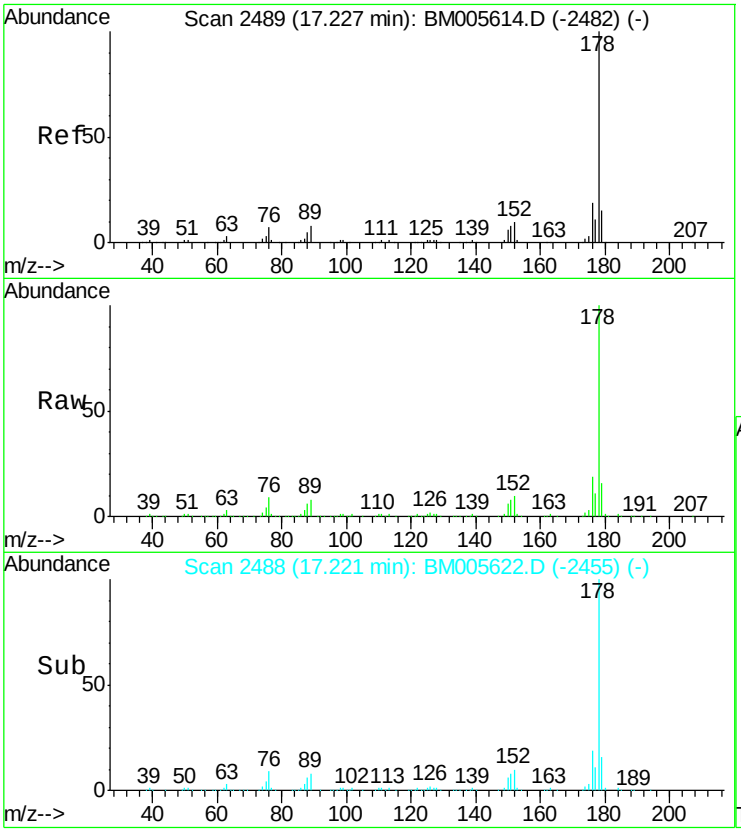


#68
Pentachlorophenol
Concen: 9.88 ng/ul
RT: 16.83 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:266 Resp: 62815

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.9	76.3
268	64.2	52.8	79.2



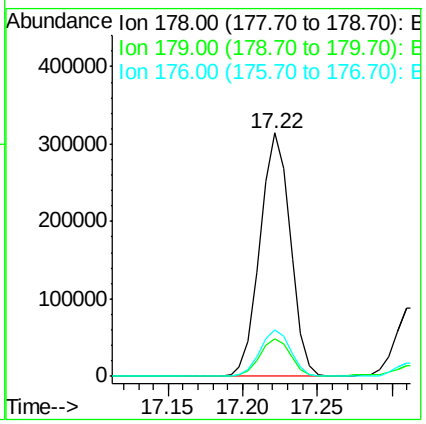


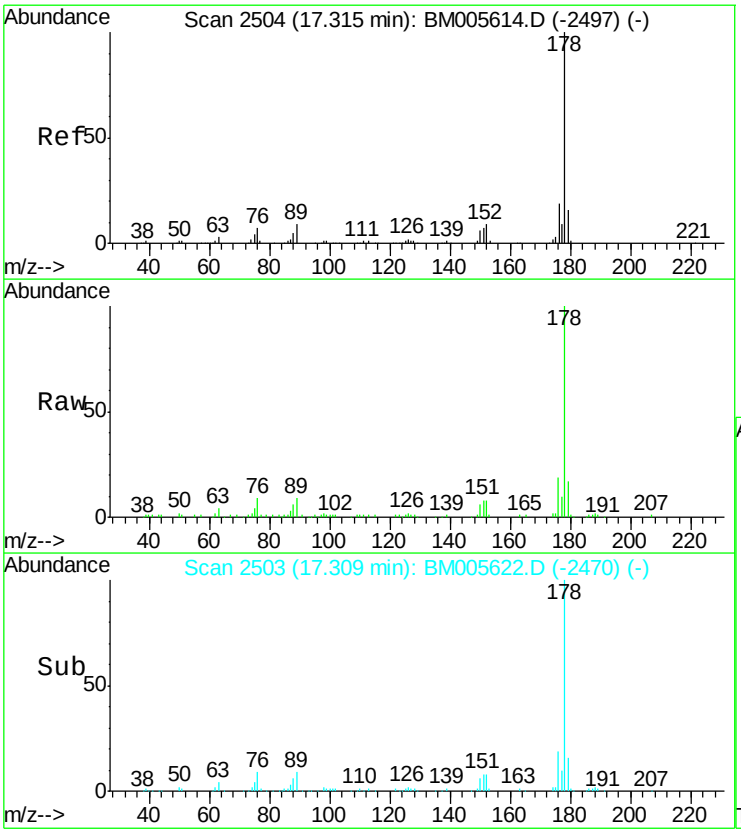
#69
Phenanthrene
Concen: 9.50 ng/ul
RT: 17.22 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion:178 Resp: 442854

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.3	15.8	23.6

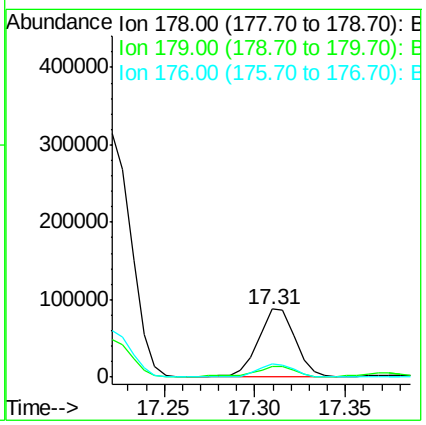


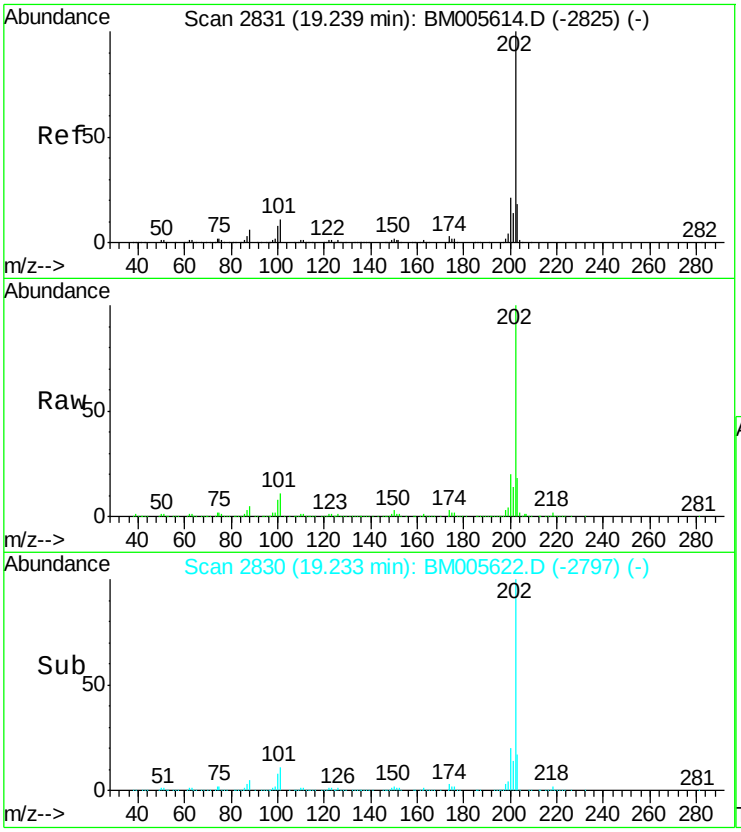


#71
Anthracene
Concen: 2.63 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:178 Resp: 124761

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	18.8
176	18.8	15.0	22.4



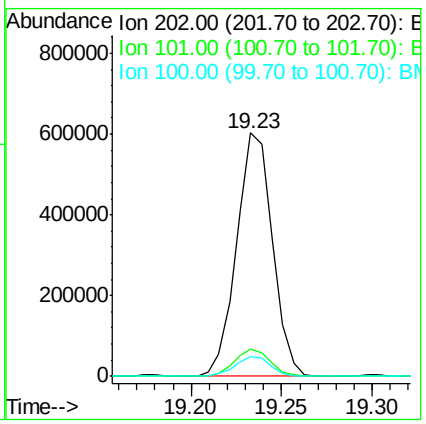


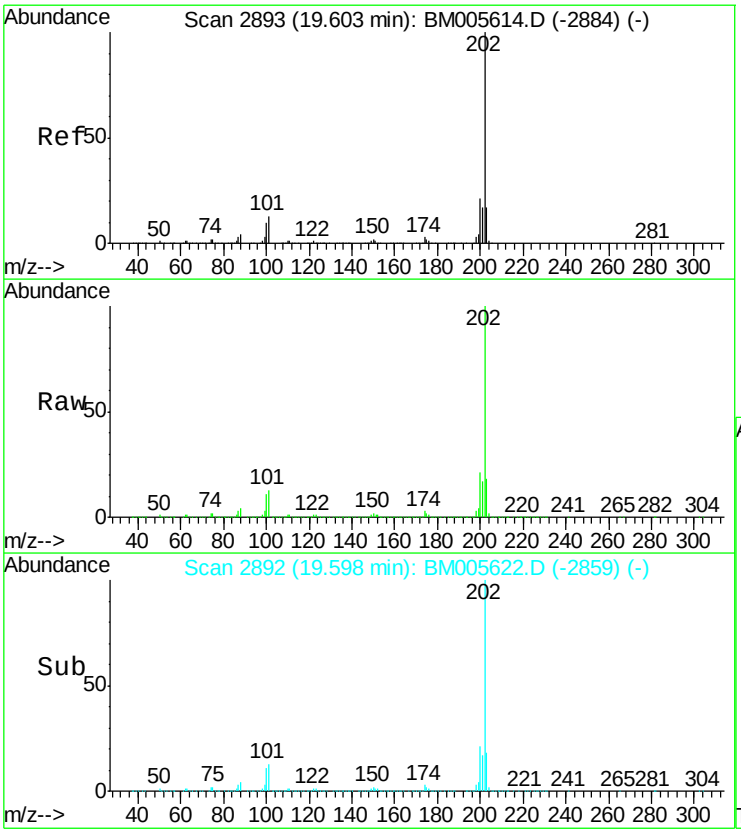
#74
Fluoranthene
Concen: 15.76 ng/ul
RT: 19.23 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion:202 Resp: 827265

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.9	11.9
100	8.3	5.6	8.4

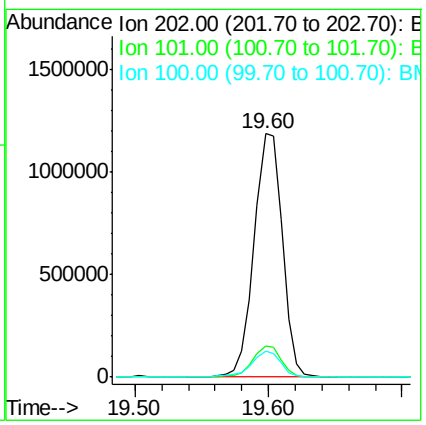


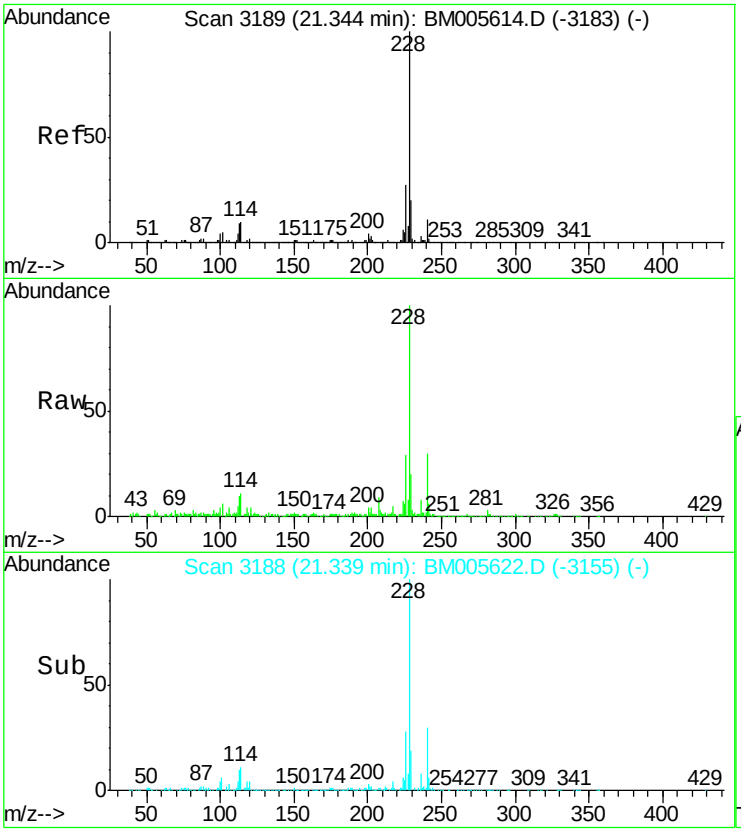


#77
Pyrene
Concen: 34.21 ng/ul
RT: 19.60 min Scan# 2892
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:202 Resp: 1727948

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.6	14.4
100	10.7	7.8	11.6



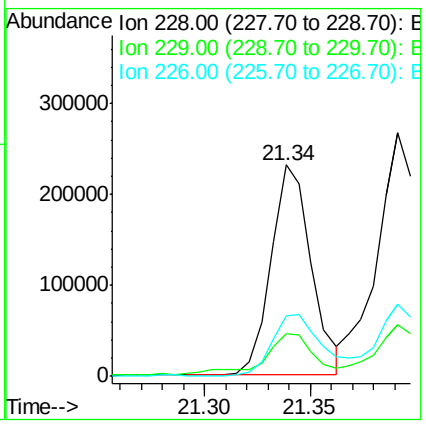


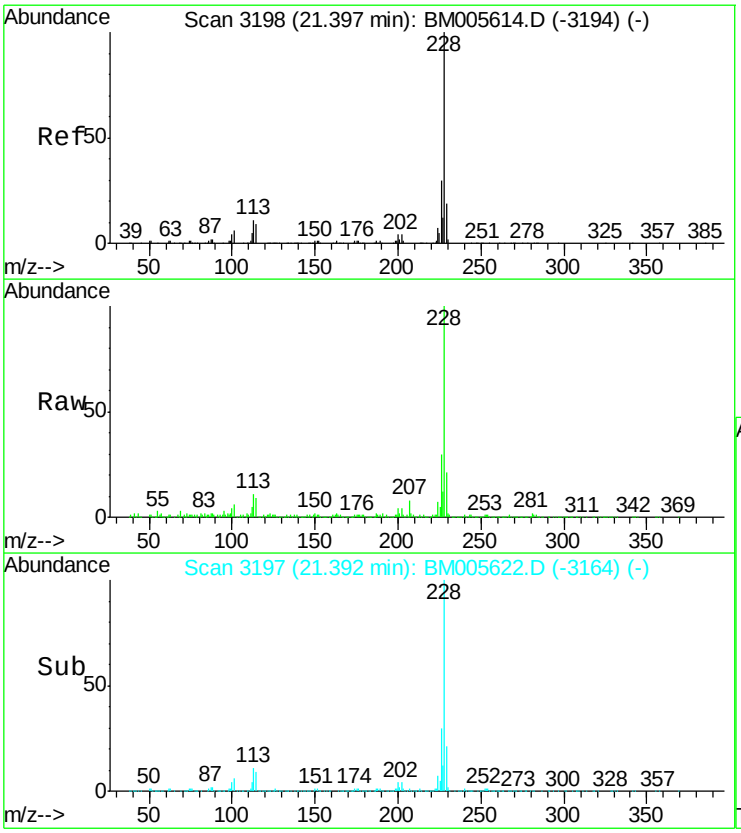
#80
Benzo(a)anthracene
Concen: 5.94 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion:228 Resp: 306857

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.2
226	28.9	21.0	31.4

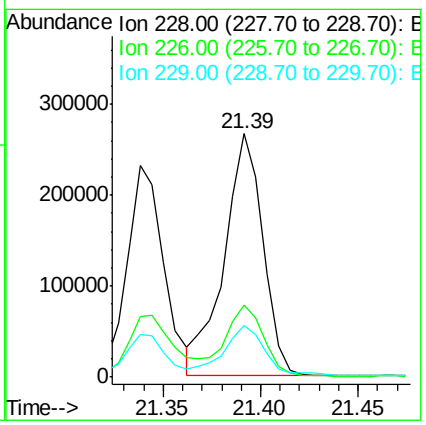


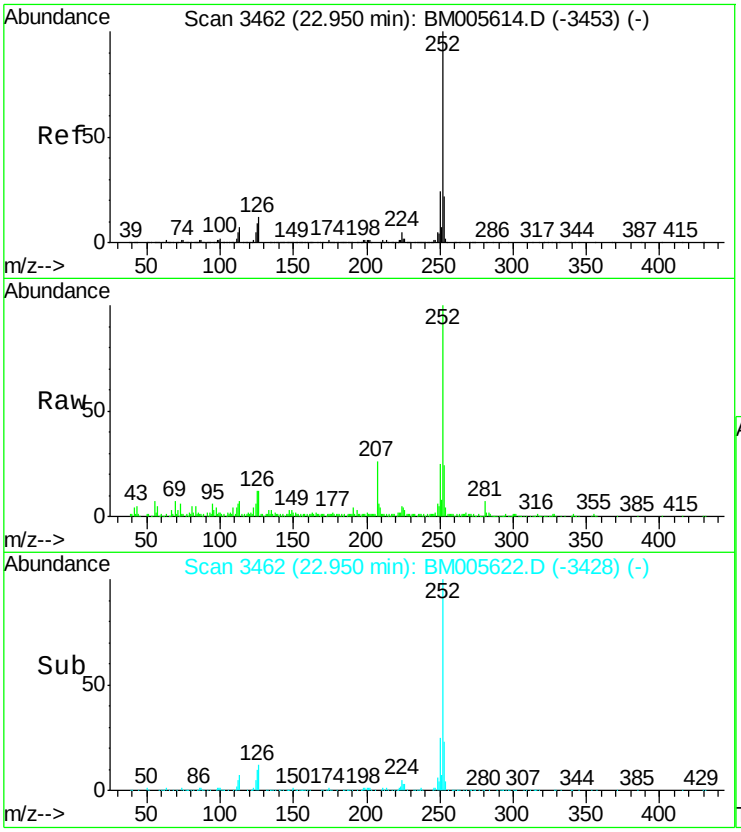


#82
Chrysene
Concen: 7.47 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:228 Resp: 367162

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	21.0	15.5	23.3



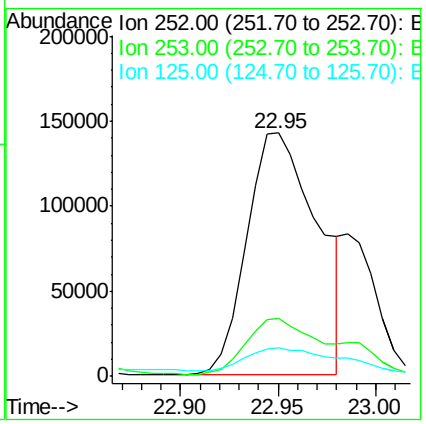


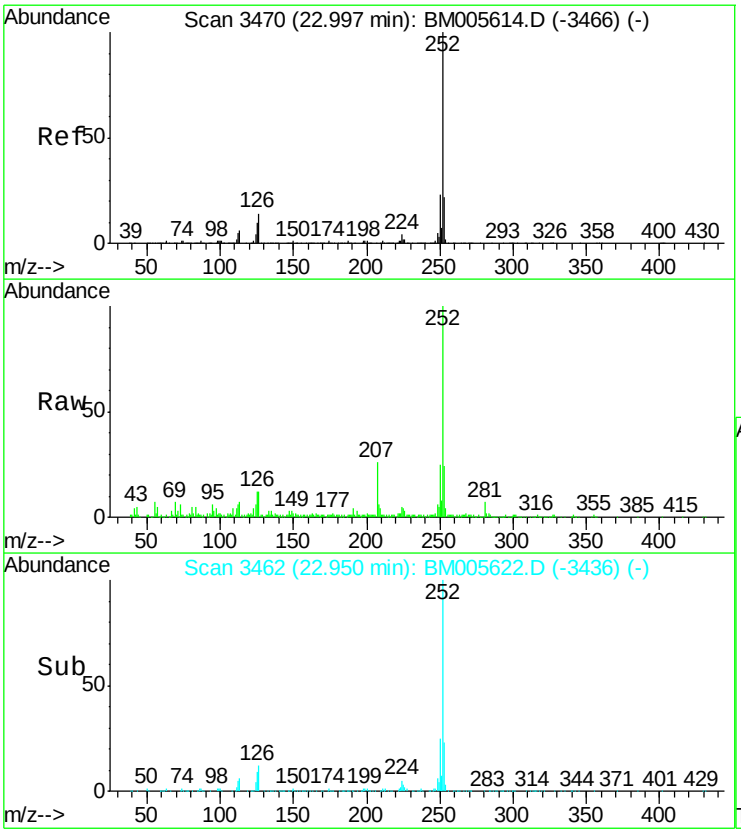
#85
Benzo(b)fluoranthene
Concen: 6.70 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion:252 Resp: 356857

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	11.8	7.0	10.4#

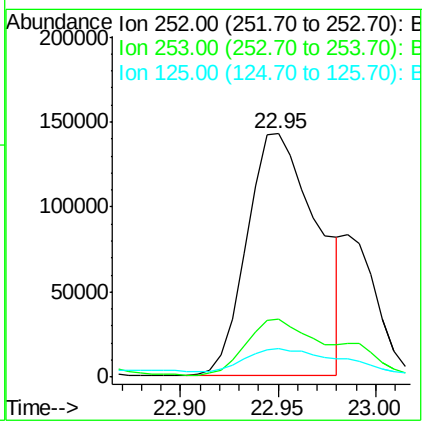


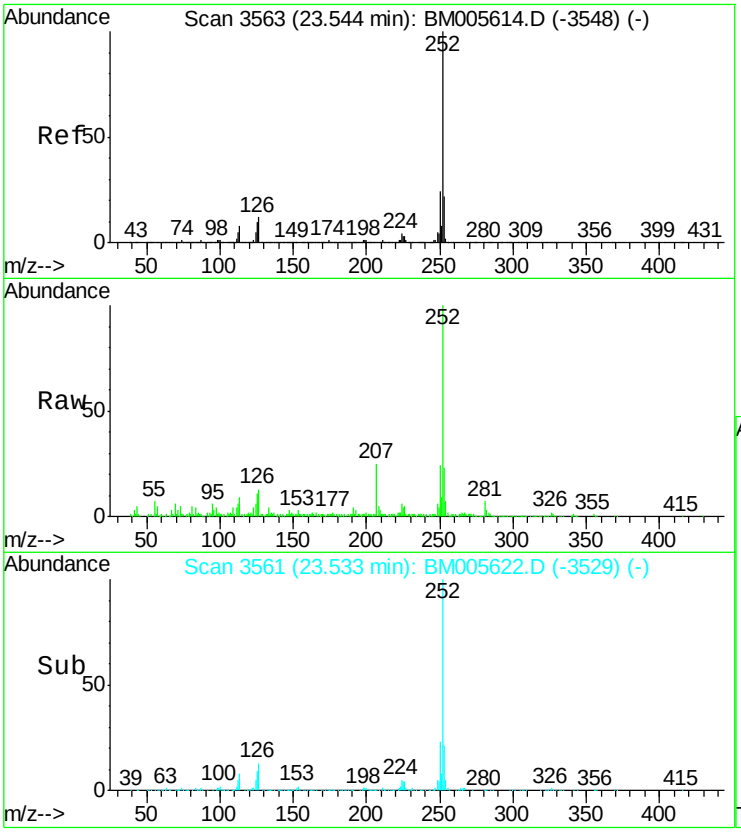


#86
Benzo(k)fluoranthene
Concen: 7.08 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.05 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:252 Resp: 356857

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	11.8	7.0	10.6#



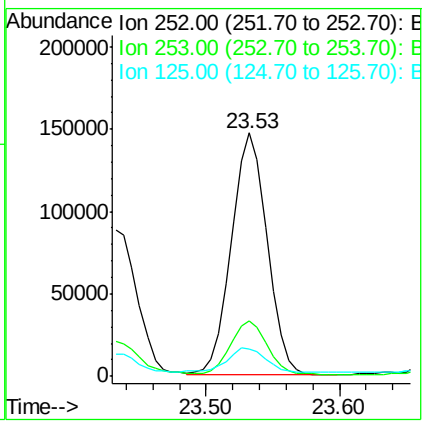


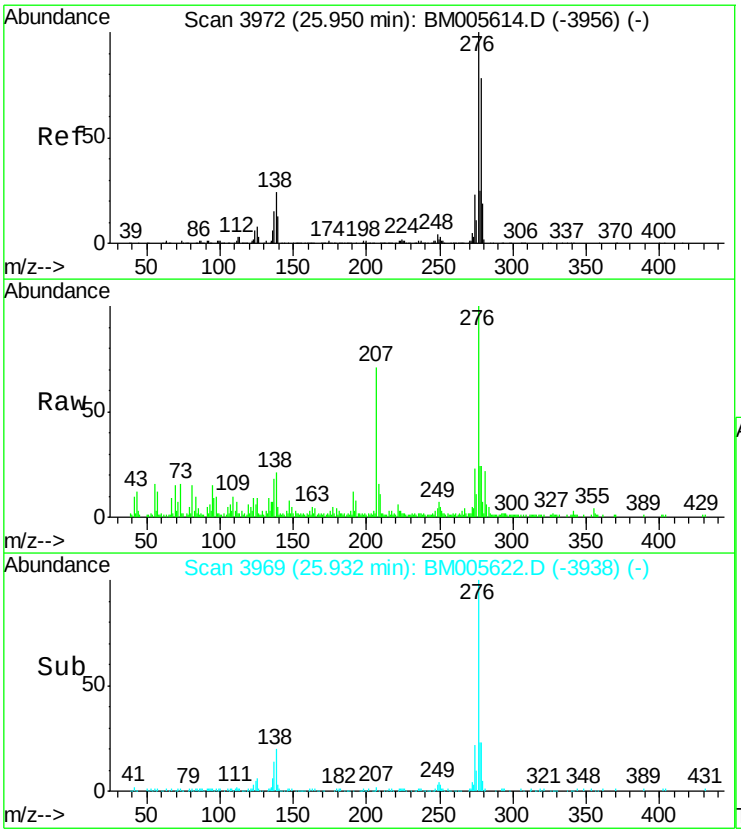
#88
Benzo(a)pyrene
Concen: 5.29 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion:252 Resp: 273061

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.1	7.6	11.4

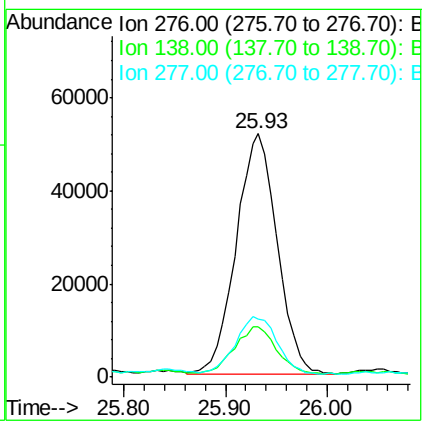


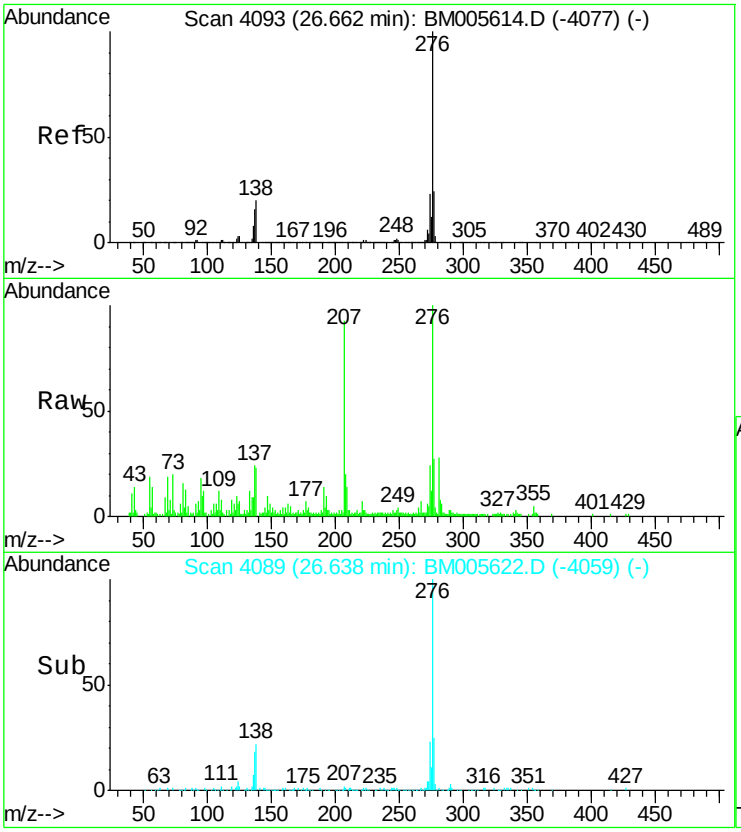


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.37 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.02 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Tgt Ion:276 Resp: 145252

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.9	25.3
277	23.9	20.2	30.4





#91
Benzo(g,h,i)perylene
Concen: 2.39 ng/ul
RT: 26.64 min Scan# 4089
Delta R.T. -0.02 min
Lab File: BM005622.D
Acq: 23 May 2016 22:59

Instrument :
BNA_M
ClientSampleId :
JHGK4MS

Tgt Ion:276 Resp: 123182

Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.0	22.6#
277	26.7	18.6	28.0