Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013952.D
Acq On : 29 Jan 2018 08:58
Operator : SJ/JU
Sample : J1243-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B28

Quant Time: Jan 29 10:07:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	190019	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	710691	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	374891	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	692091	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	679934	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	704467	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	19067	3.97	ng/uL	0.00
5) Phenol-d5	6.76	99	436605	29.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	260105	29.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	381052	32.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	357315	31.86	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	181529	32.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	204221	35.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	381395	33.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	243633	24.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1073954	34.76	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1337974	33.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	134309	26.75	ng/ul	0.00
57) Fluorene-d10	15.23	176	844599	31.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	114460	27.48	ng/ul	0.00
70) Anthracene-d10	16.99	188	692091	20.53	ng/ul	-0.09
76) Pyrene-d10	19.39	212	1205230	38.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	702585	21.70	ng/ul	0.15
Target Compounds						Qvalue
6) Phenol	6.79	94	48374	3.306	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.29	70	11551	1.276	ng/ul#	1
44) Dimethylphthalate	13.70	163	445807	14.675	ng/ul	100
47) Acenaphthylene	13.95	152	217164	6.024	ng/ul	100
49) Acenaphthene	14.29	153	61730	2.472	ng/ul	91
53) Dibenzofuran	14.63	168	43170	1.149	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	86113	10.942	ng/ul#	89
63) 4,6-Dinitro-2-methylphenol	15.40	198	31890	7.252	ng/ul#	77
68) Pentachlorophenol	16.65	266	2727346	583.306	ng/ul	98
69) Phenanthrene	17.03	178	2464328	64.058	ng/ul	99
71) Anthracene	17.12	178	572401	14.425	ng/ul	97
72) Carbazole	17.40	167	400145	12.217	ng/ul	99
74) Fluoranthene	19.06	202	9846907	214.429	ng/ul#	93
77) Pyrene	19.43	202	7689778	186.035	ng/ul#	94
80) Benzo(a)anthracene	21.17	228	1213247	29.530	ng/ul	98
82) Chrysene	21.23	228	1741373	46.202	ng/ul	97
85) Benzo(b)fluoranthene	22.73	252	1595038	36.868	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	1595038	38.143	ng/ul#	96
88) Benzo(a)pyrene	23.29	252	563875	13.797	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	383236	7.944	ng/ul	96
90) Dibenzo(a,h)anthracene	25.56	278	99143	2.434	ng/ul#	93
91) Benzo(g,h,i)perylene	26.24	276	287540	7.242	ng/ul	95

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013952.D
Acq On : 29 Jan 2018 08:58
Operator : SJ/JU
Sample : J1243-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B28

Quant Time: Jan 29 10:07:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

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

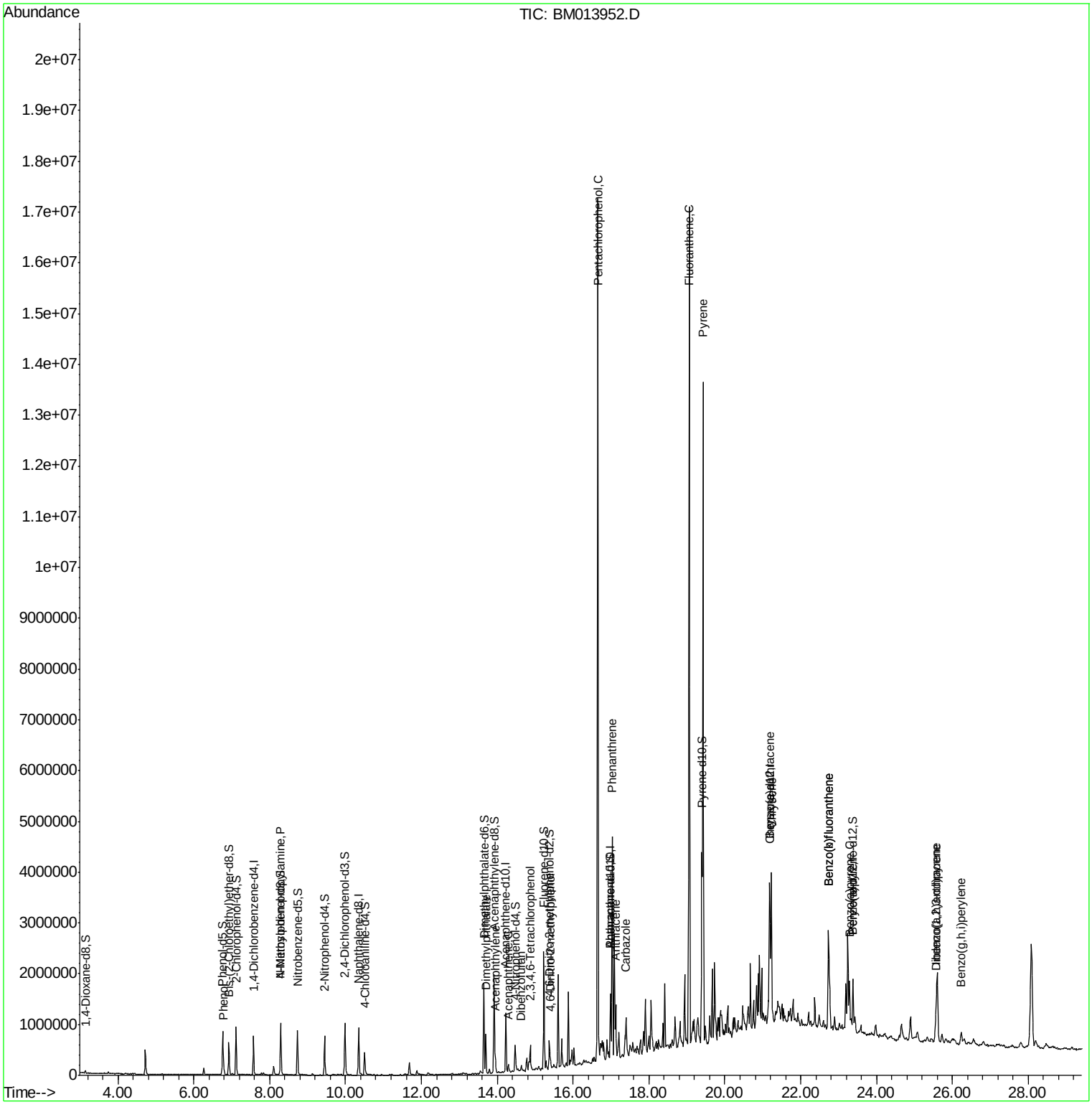
(#) = qualifier out of range (m) = manual integration (+) = signals summed

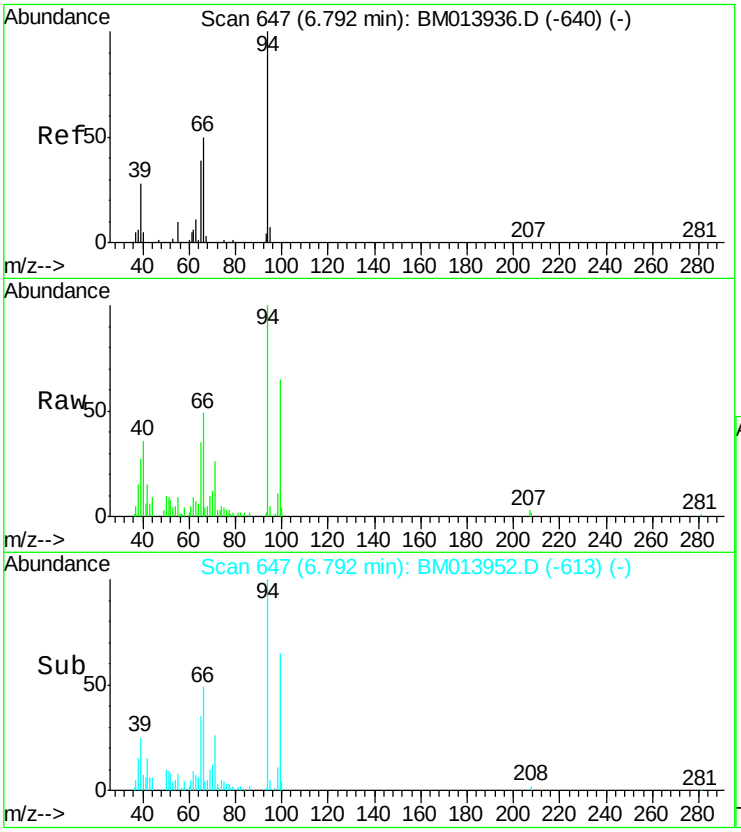
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013952.D
Acq On : 29 Jan 2018 08:58
Operator : SJ/JU
Sample : J1243-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B28

Quant Time: Jan 29 10:07:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration



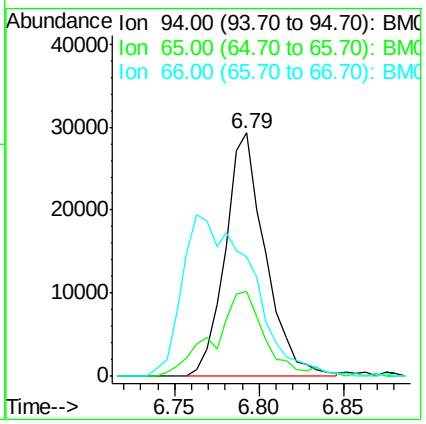


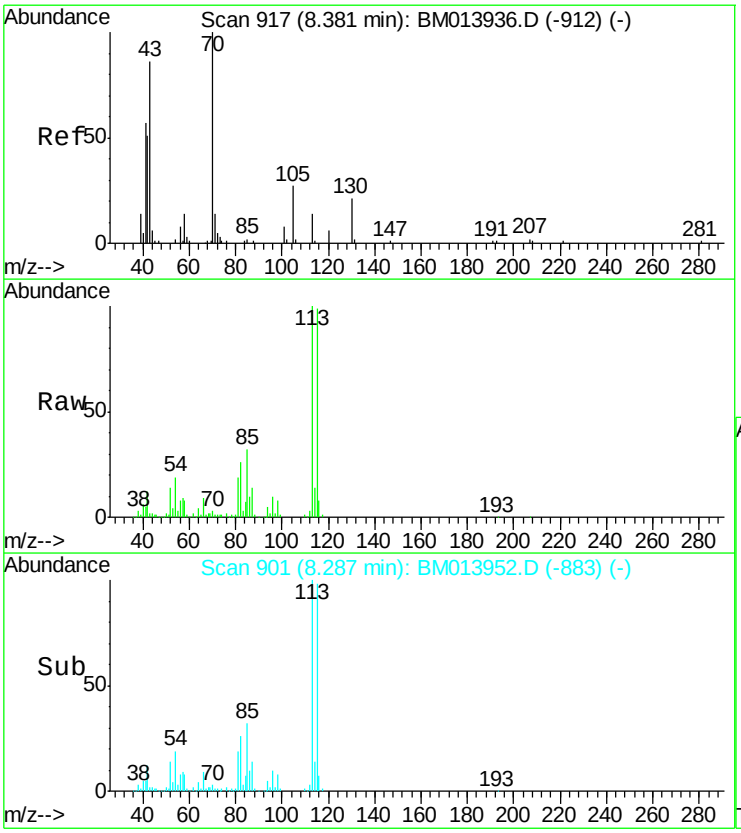
#6
Phenol
Concen: 3.306 ng/ul
RT: 6.79 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion: 94 Resp: 48374

Ion	Ratio	Lower	Upper
94	100		
65	34.7	28.2	42.4
66	49.3	47.2	70.8

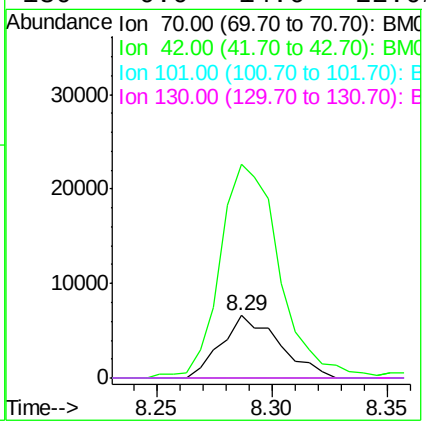


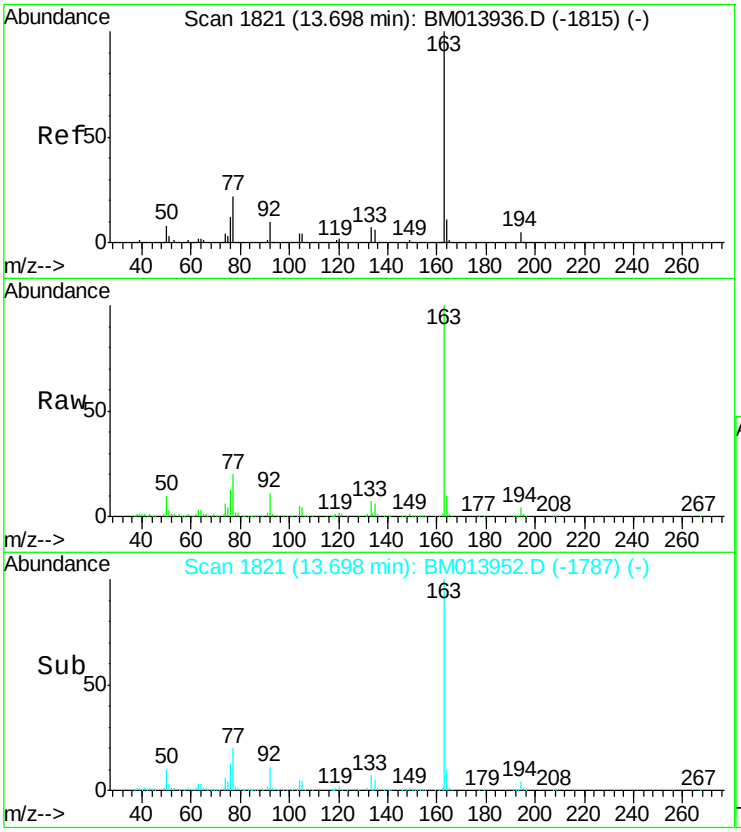


#15
N-Nitroso-di-n-propylamine
Concen: 1.276 ng/ul
RT: 8.29 min Scan# 901
Delta R.T. -0.09 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion: 70 Resp: 11551

Ion	Ratio	Lower	Upper
70	100		
42	342.9	76.0	114.0#
101	0.0	6.7	10.1#
130	0.0	14.6	22.0#



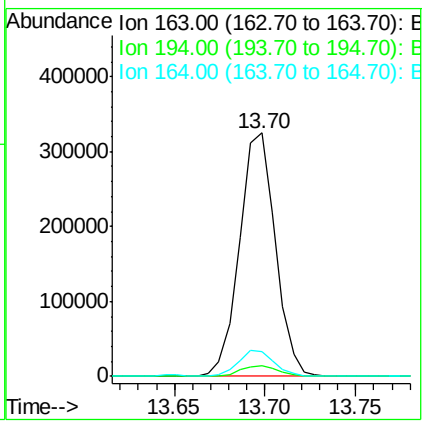


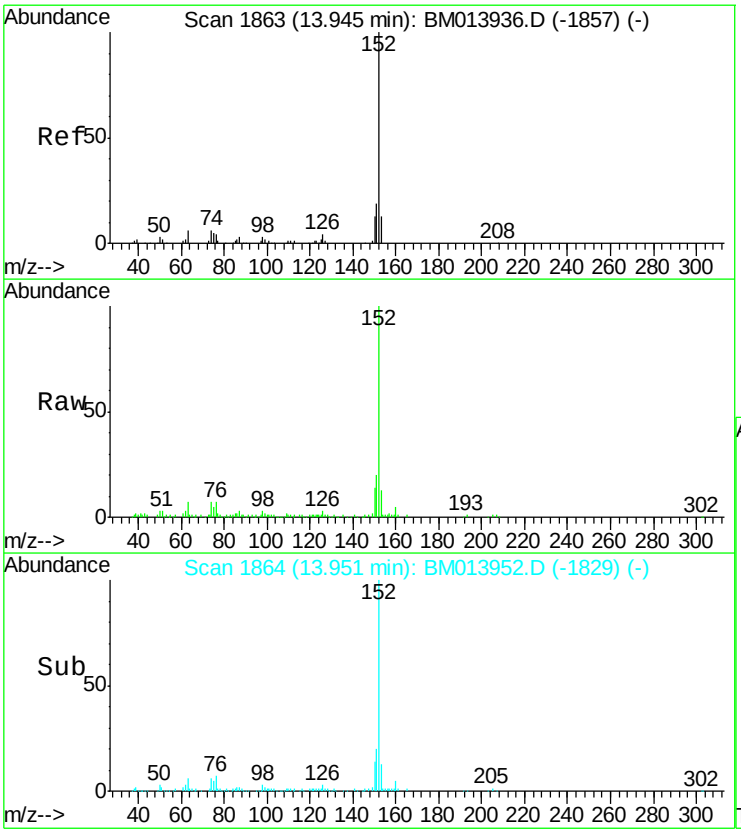
#44
Dimethylphthalate
Concen: 14.675 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:163 Resp: 445807

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.1	8.2	12.4

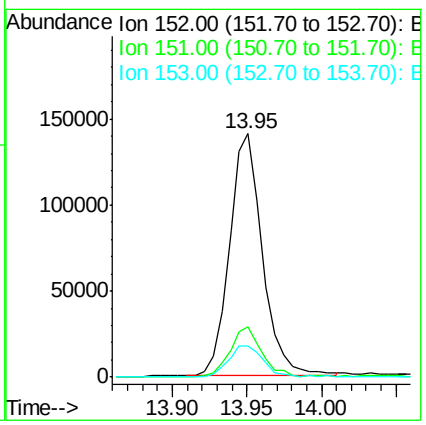


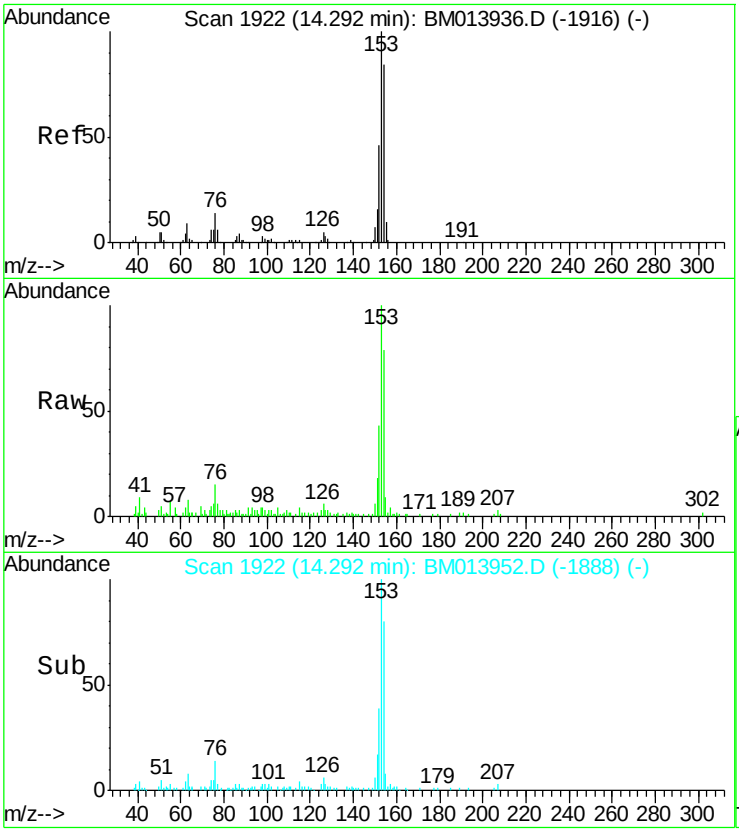


#47
Acenaphthylene
Concen: 6.024 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:152 Resp: 217164

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	12.7	10.2	15.4



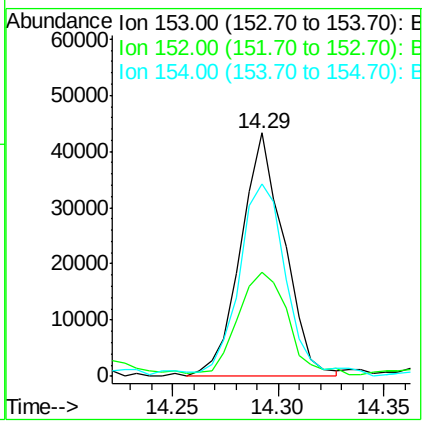


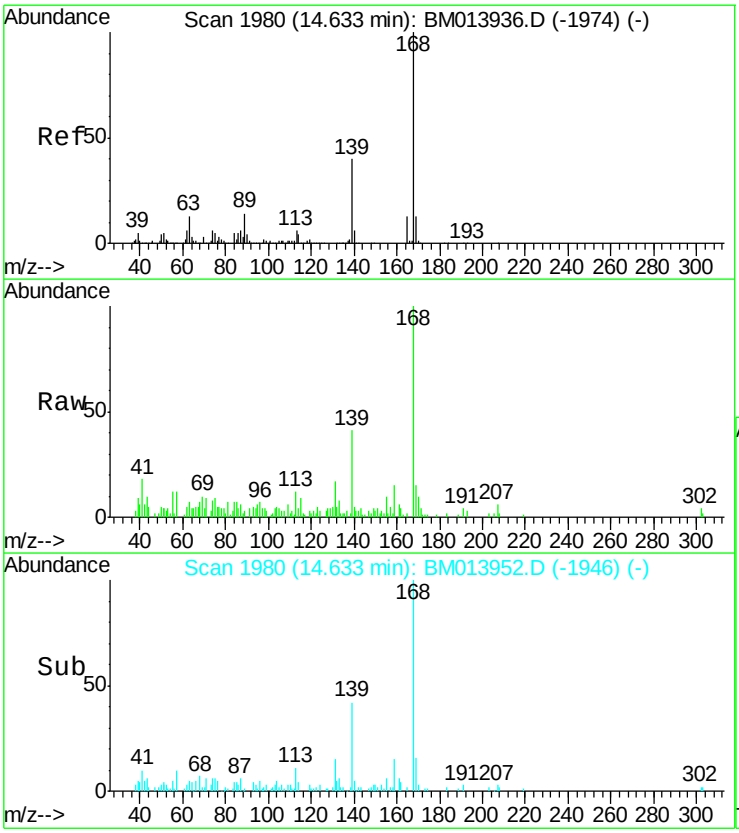
#49
Acenaphthene
Concen: 2.472 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:153 Resp: 61730

Ion	Ratio	Lower	Upper
153	100		
152	42.7	37.6	56.4
154	78.8	70.4	105.6

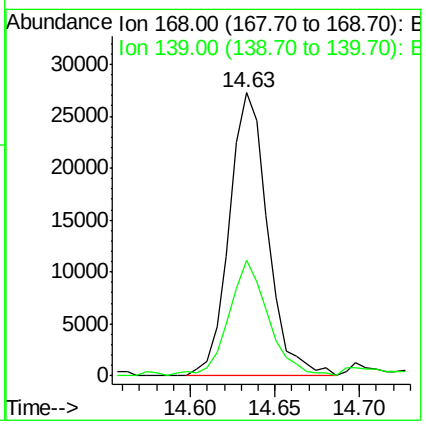


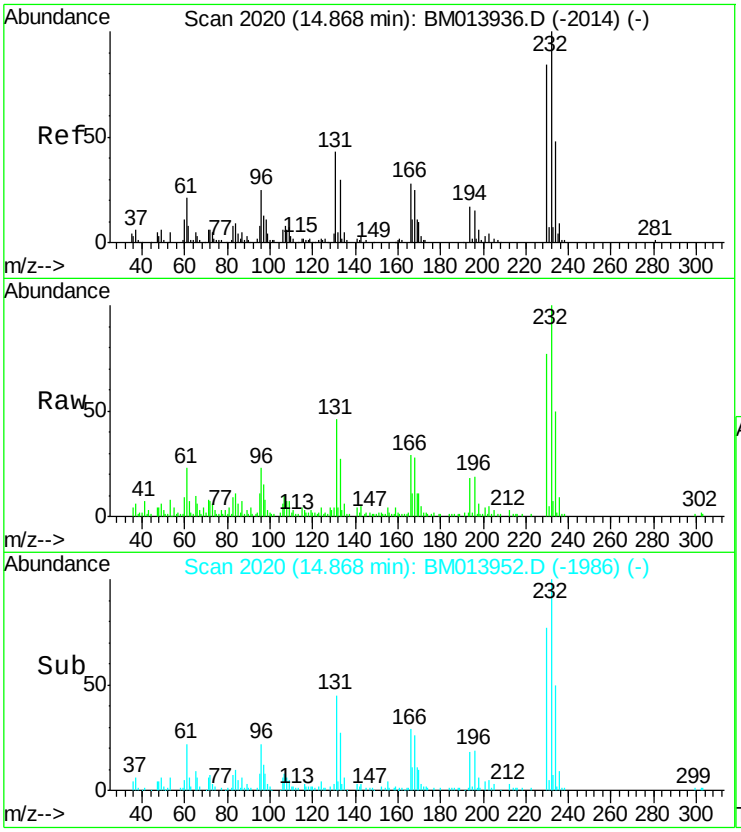


#53
Dibenzofuran
Concen: 1.149 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:168 Resp: 43170

Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.8	46.2



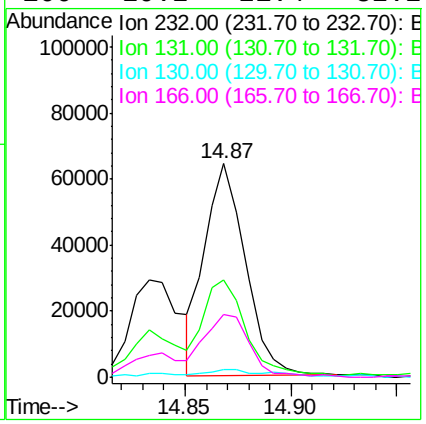


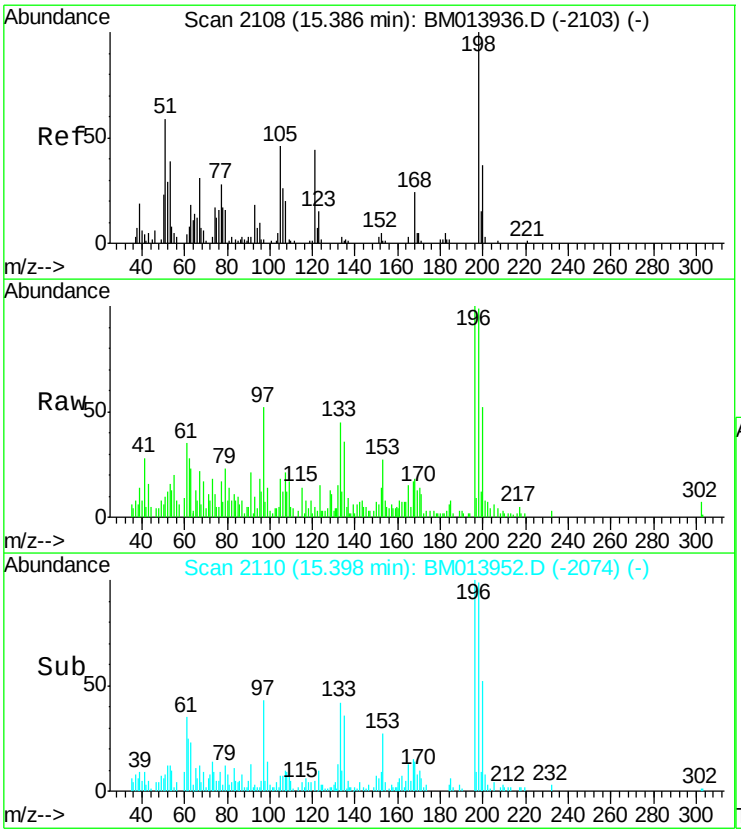
#55
2,3,4,6-Tetrachlorophenol
Concen: 10.942 ng/ul
RT: 14.87 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:232 Resp: 86113

Ion	Ratio	Lower	Upper
232	100		
131	45.8	29.0	43.4#
130	3.7	2.0	3.0#
166	29.2	21.4	32.2

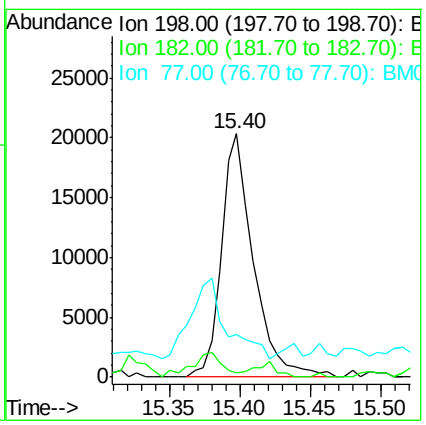


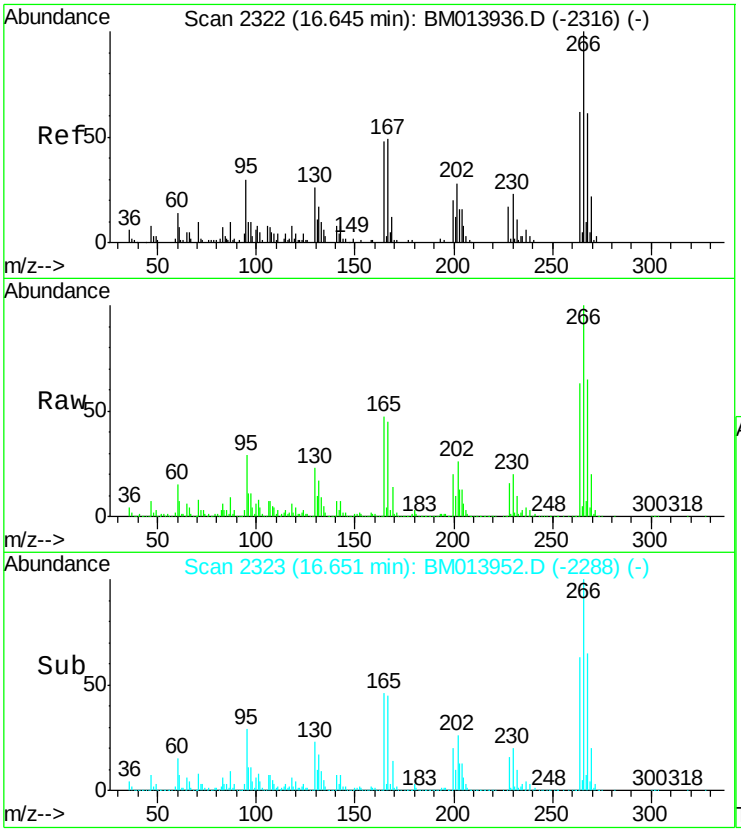


#63
4,6-Dinitro-2-methylphenol
Concen: 7.252 ng/ul
RT: 15.40 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:198 Resp: 31890

Ion	Ratio	Lower	Upper
198	100		
182	1.8	3.8	5.6#
77	17.4	25.2	37.8#



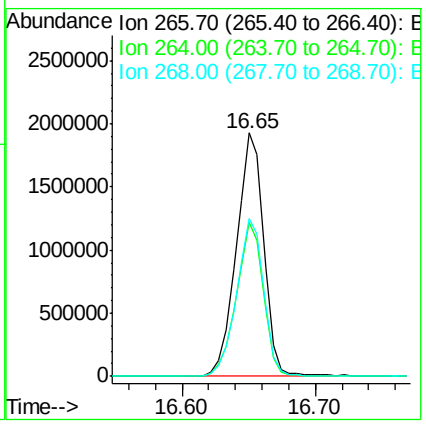


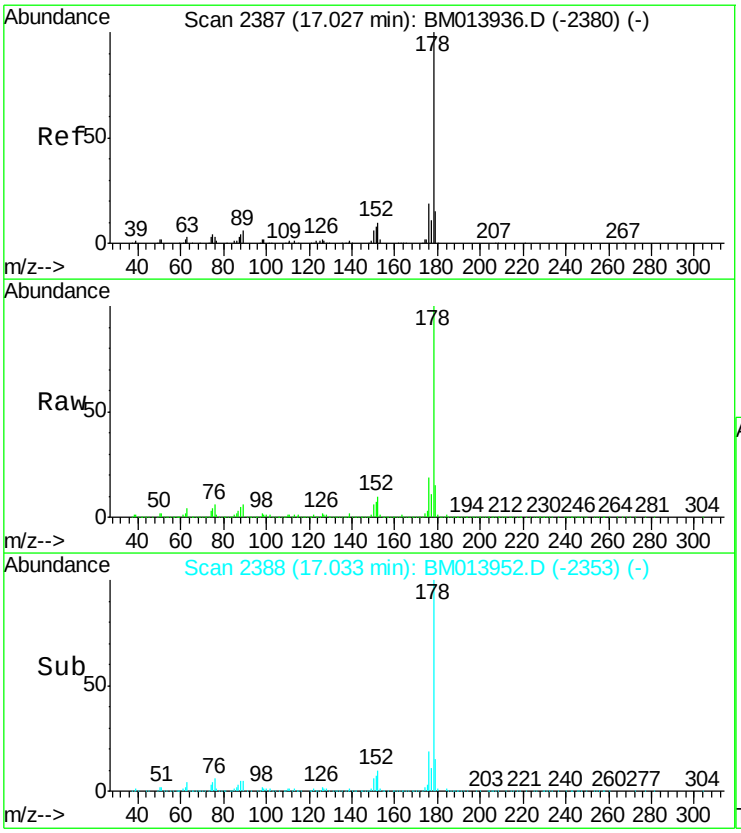
#68
Pentachlorophenol
Concen: 583.306 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:266 Resp: 2727346

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.3	73.9
268	64.6	52.6	78.8

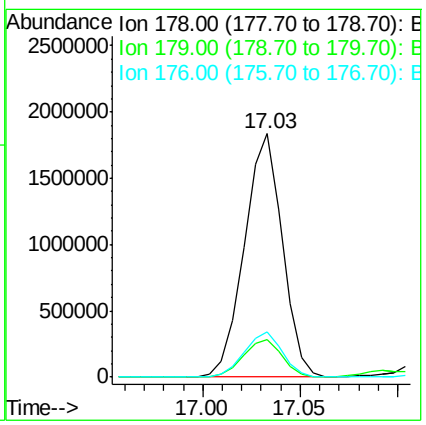


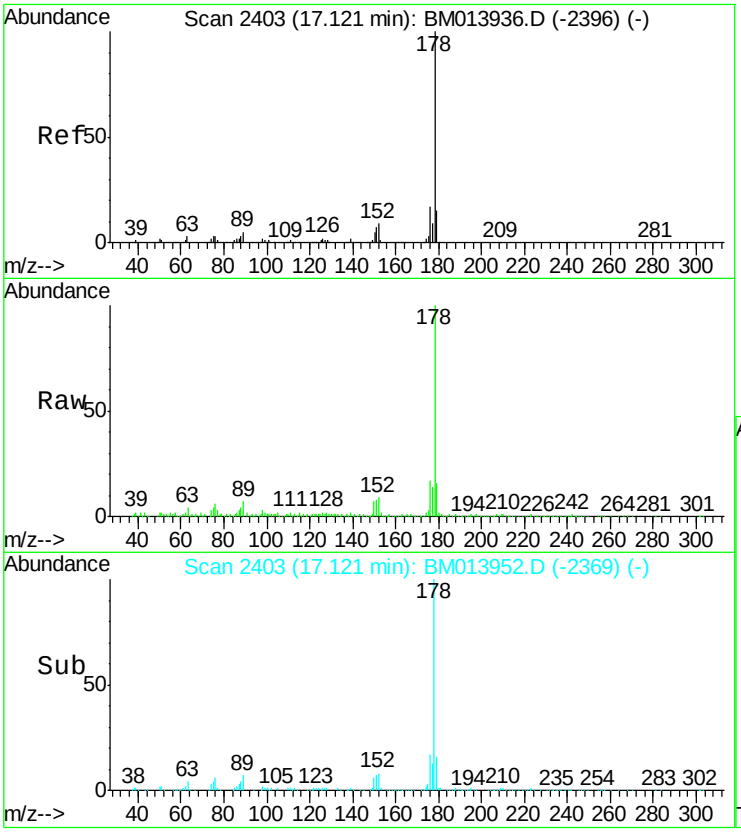


#69
Phenanthrene
Concen: 64.058 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:178 Resp: 2464328

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.8	14.9	22.3



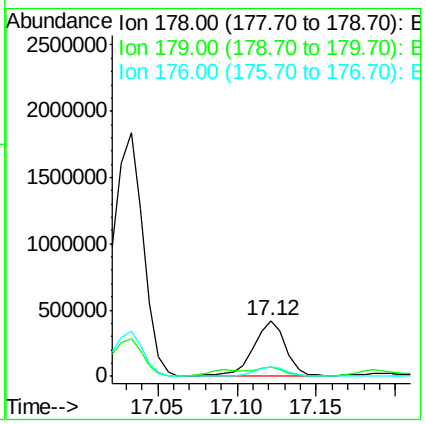


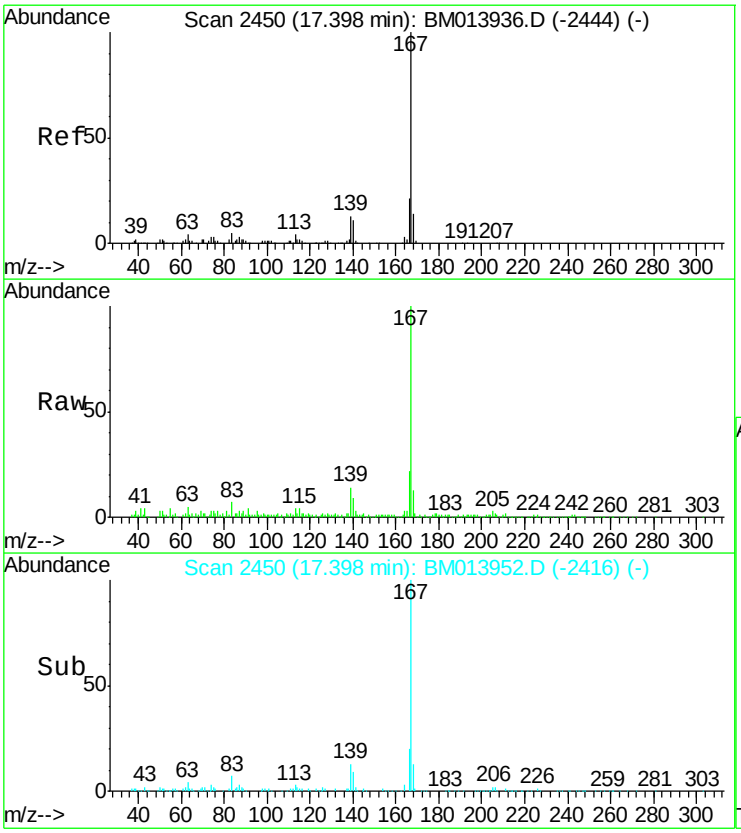
#71
Anthracene
Concen: 14.425 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:178 Resp: 572401

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	17.4	14.6	21.8

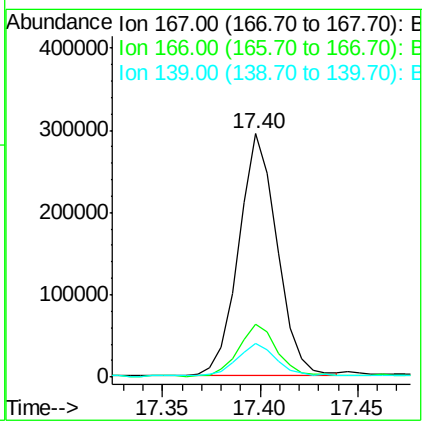


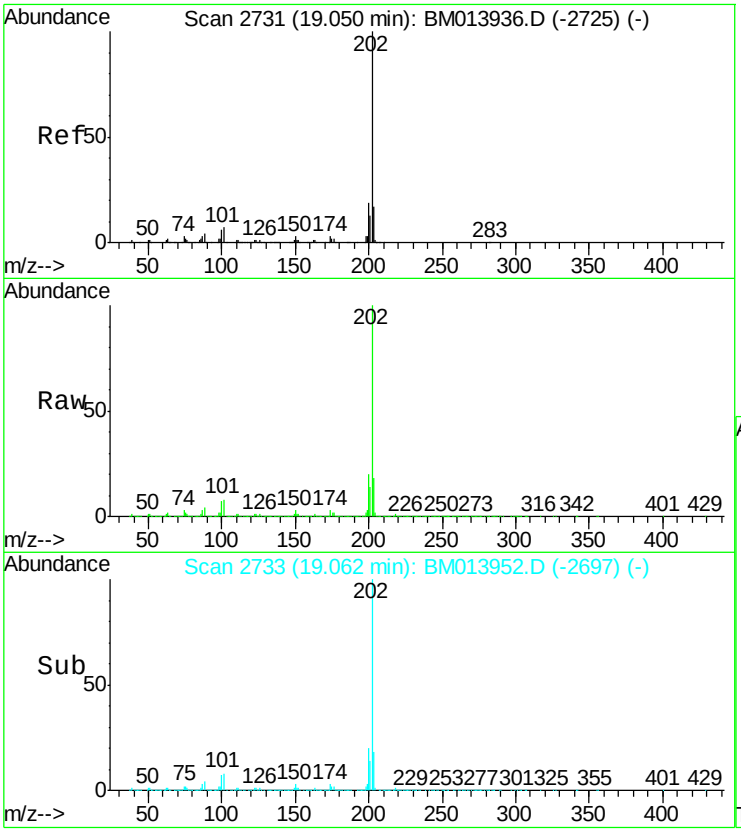


#72
Carbazole
Concen: 12.217 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:167 Resp: 400145

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.9	10.0	15.0



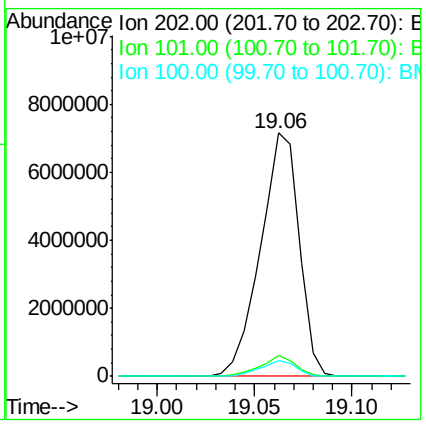


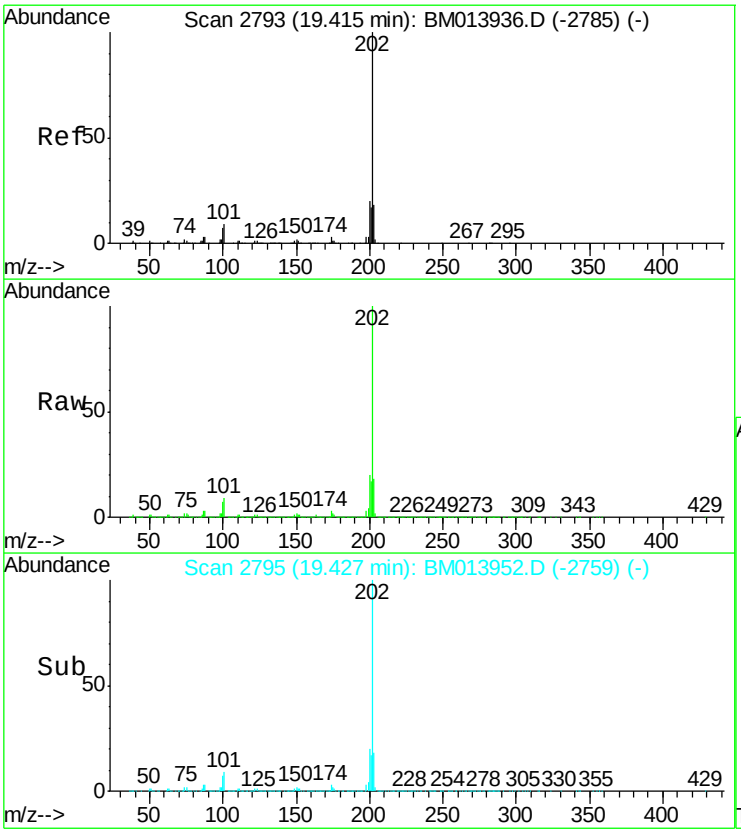
#74
Fluoranthene
Concen: 214.429 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:202 Resp: 9846907

Ion	Ratio	Lower	Upper
202	100		
101	8.4	4.6	7.0#
100	6.7	3.4	5.2#

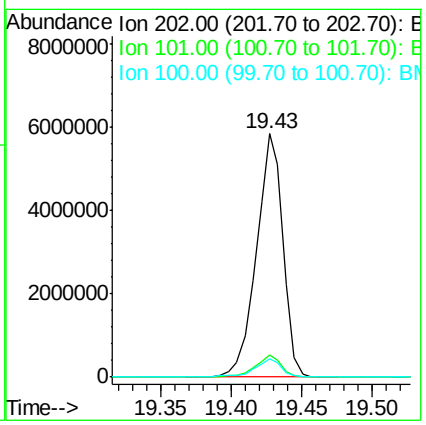


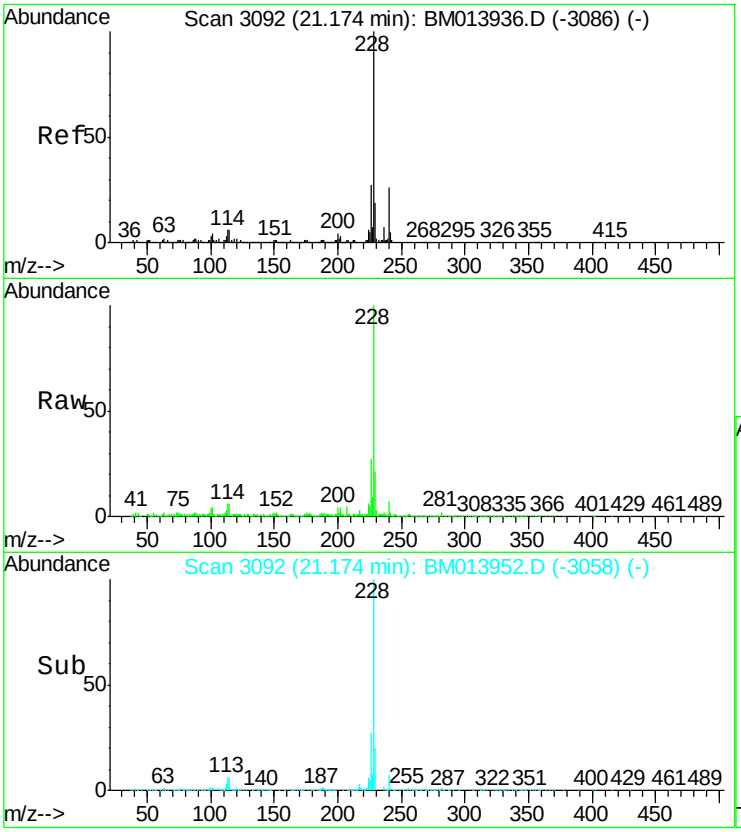


#77
Pyrene
Concen: 186.035 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:202 Resp: 7689778

Ion	Ratio	Lower	Upper
202	100		
101	9.1	5.1	7.7#
100	7.4	4.9	7.3#



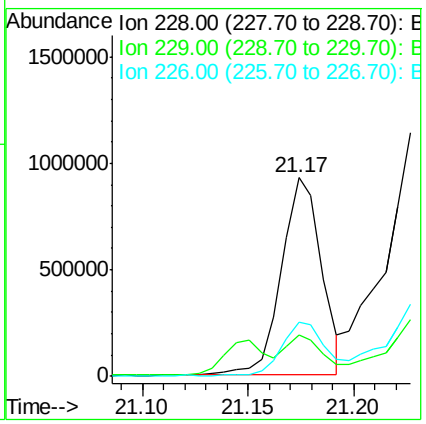


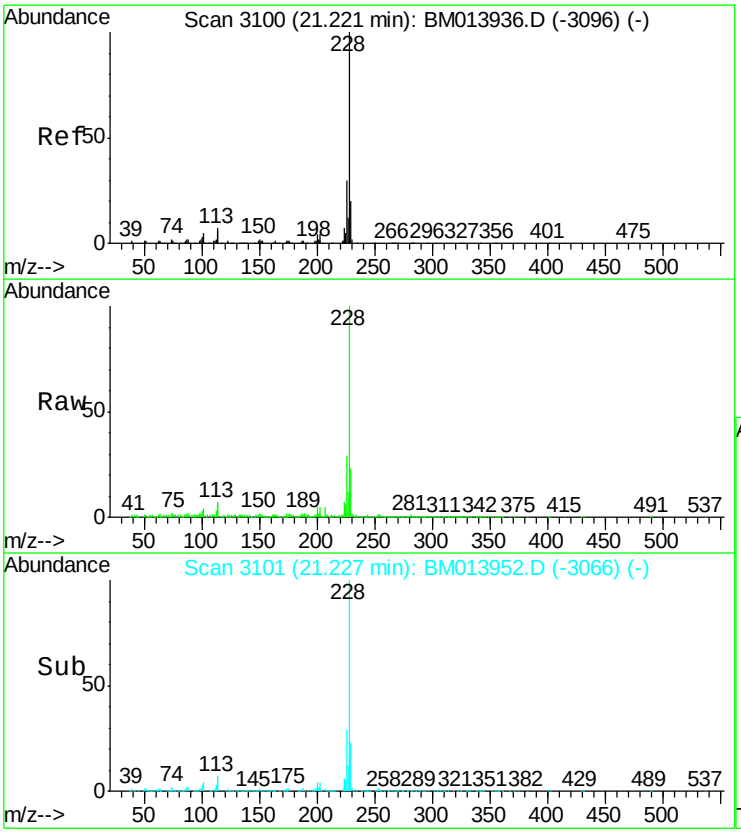
#80
Benzo(a)anthracene
Concen: 29.530 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:228 Resp: 1213247

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	27.0	21.4	32.0

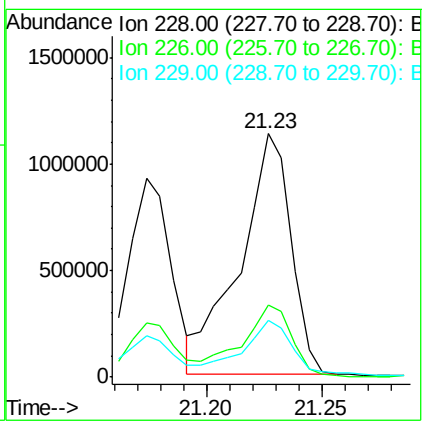


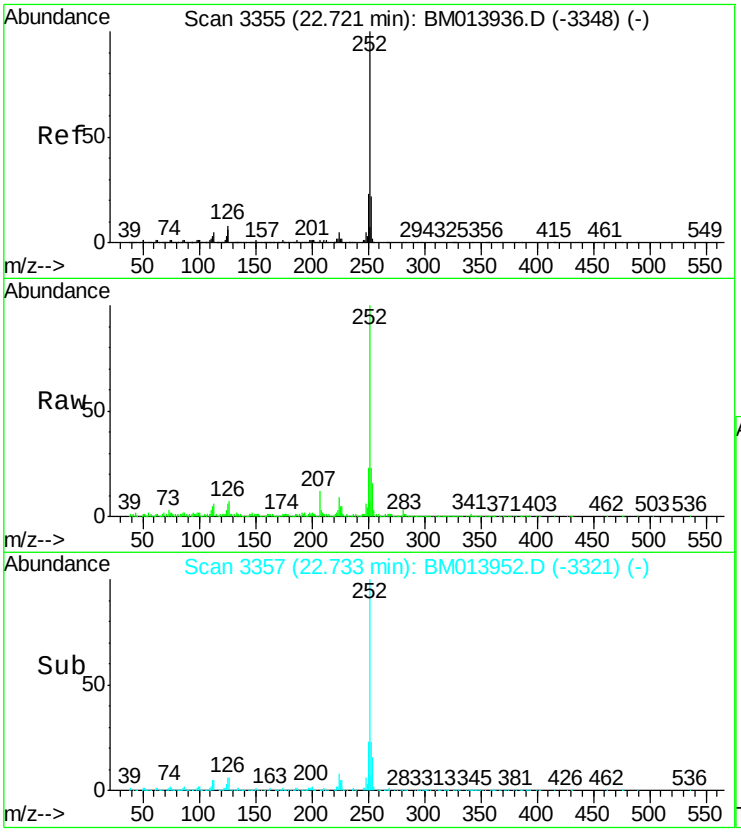


#82
Chrysene
Concen: 46.202 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:228 Resp: 1741373

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	23.2	15.5	23.3



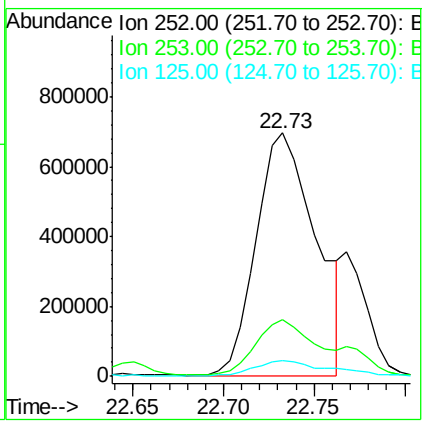


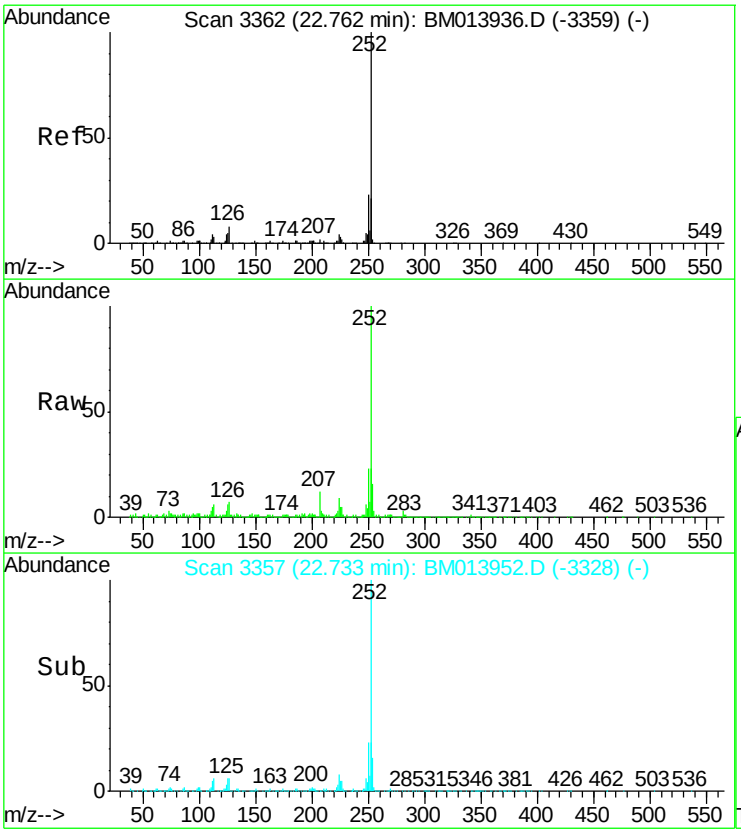
#85
Benzo(b)fluoranthene
Concen: 36.868 ng/ul
RT: 22.73 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:252 Resp: 1595038

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	6.3	3.6	5.4#

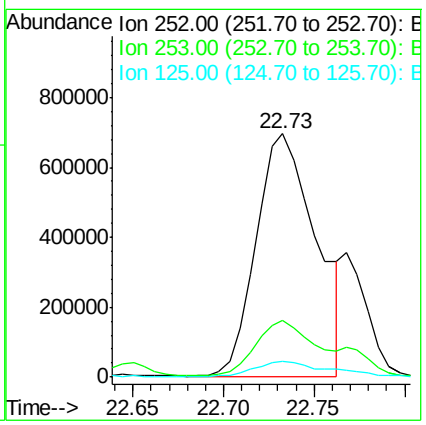


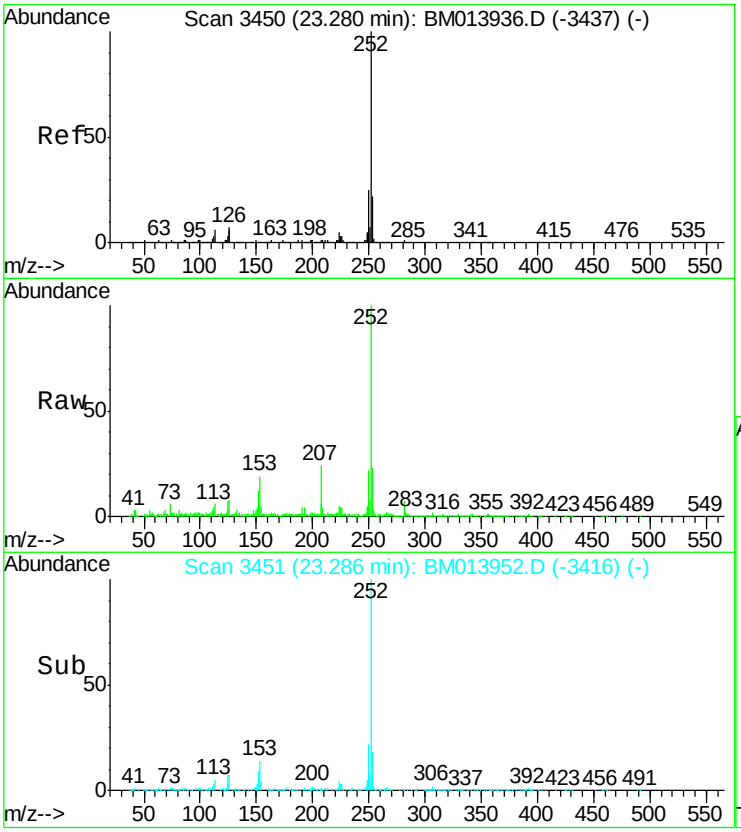


#86
Benzo(k)fluoranthene
Concen: 38.143 ng/ul
RT: 22.73 min Scan# 3357
Delta R.T. -0.03 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:252 Resp: 1595038

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	6.3	3.4	5.2#



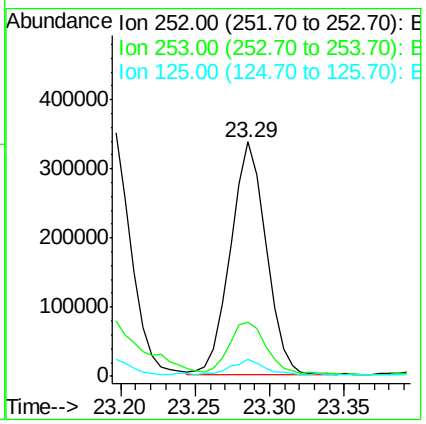


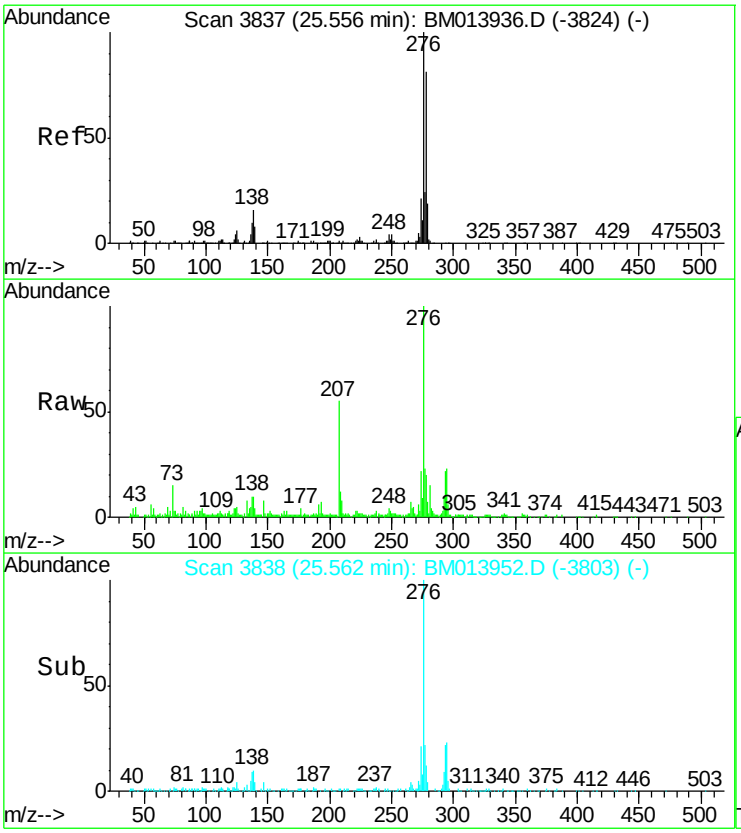
#88
Benzo(a)pyrene
Concen: 13.797 ng/ul
RT: 23.29 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:252 Resp: 563875

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	7.1	4.0	6.0#

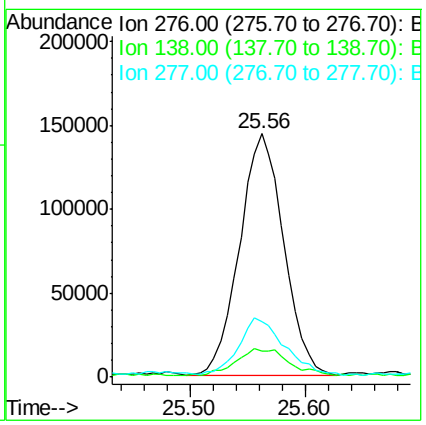


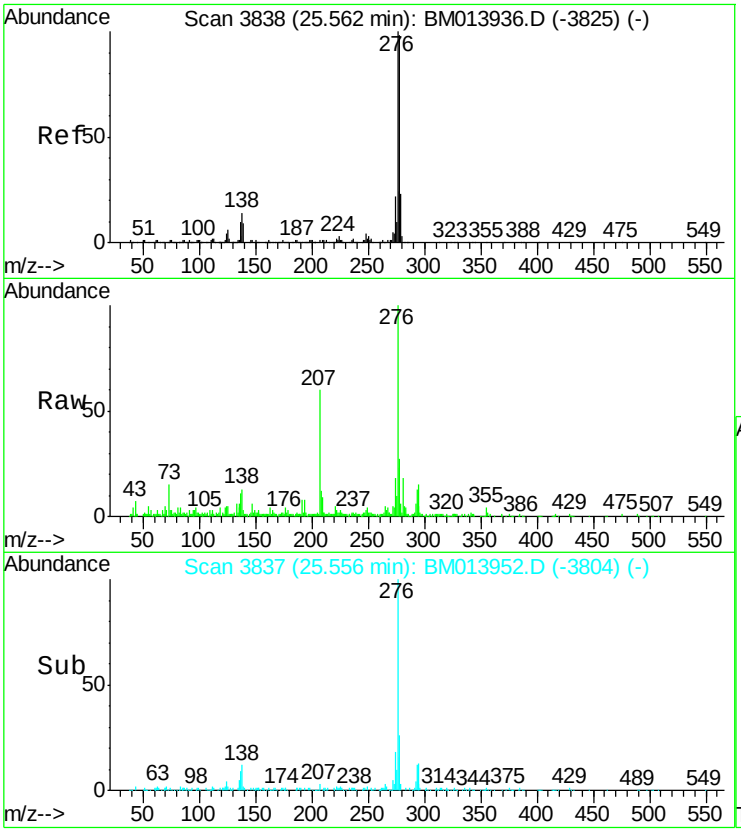


#89
Indeno(1,2,3-cd)pyrene
Concen: 7.944 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. 0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:276 Resp: 383236

Ion	Ratio	Lower	Upper
276	100		
138	10.4	9.3	13.9
277	22.8	19.9	29.9



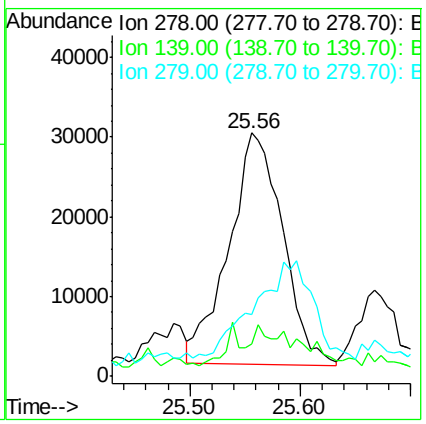


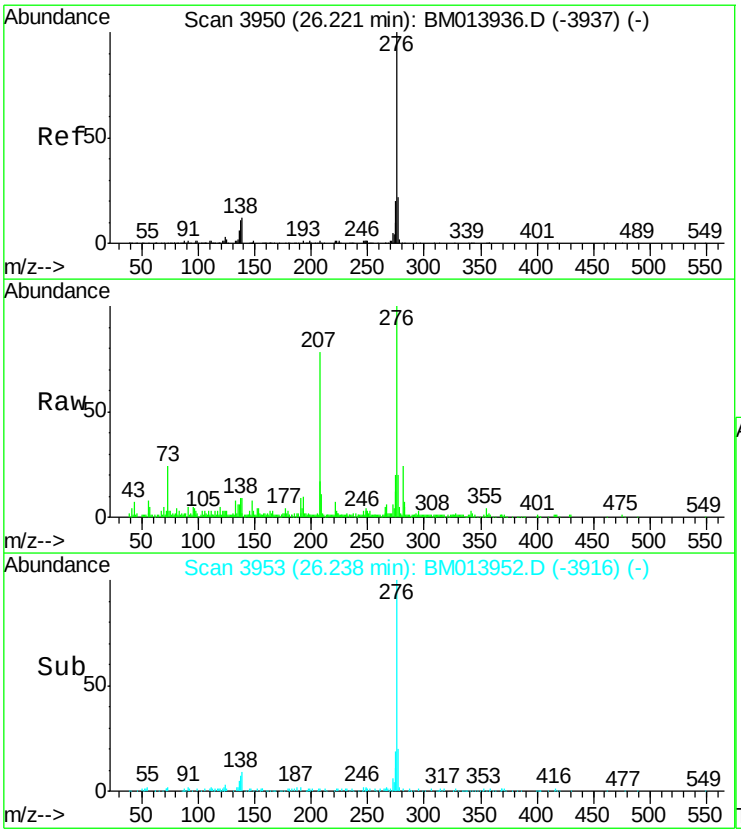
#90
Dibenzo(a,h)anthracene
Concen: 2.434 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Instrument :
BNA_M
ClientSampleId :
F6B28

Tgt Ion:278 Resp: 99143

Ion	Ratio	Lower	Upper
278	100		
139	13.1	5.8	8.8#
279	25.4	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 7.242 ng/ul
RT: 26.24 min Scan# 3953
Delta R.T. 0.02 min
Lab File: BM013952.D
Acq: 29 Jan 2018 08:58

Tgt Ion:276 Resp: 287540

Ion	Ratio	Lower	Upper
276	100		
138	9.3	8.5	12.7
277	20.5	18.6	28.0