Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010725.D
Acq On : 24 Jun 2017 12:14
Operator : SJ/JU
Sample : I3653-06ME 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5E19ME

Quant Time: Jun 26 01:52:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	84587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	385354	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	262275	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	642619	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	740304	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	553844	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	10573	1.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	6415	1.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	8287	1.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	9265	1.39	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	5417	1.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	5106	1.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	10896	1.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	3090	0.44	ng/ul	-0.15
43) Dimethylphthalate-d6	13.53	166	40177	1.75	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	43037	1.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	5131	1.27	ng/ul	0.00
57) Fluorene-d10	15.11	176	35027	1.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	5119	1.30	ng/ul	0.00
70) Anthracene-d10	16.97	188	59351	1.91	ng/ul	0.00
76) Pyrene-d10	19.27	212	65652	1.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	45836	1.71	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	6.90	93	8244	1.36	ng/ul#	23
17) Hexachloroethane	8.55	117	3175	1.26	ng/ul#	1
28) Naphthalene	10.29	128	7722948	402.72	ng/ul	100
30) 4-Chloroaniline	10.29	127	1048193	148.33	ng/ul#	23
34) 2-Methylnaphthalene	11.90	142	1381716	89.63	ng/ul	96
40) 1,1'-Biphenyl	12.93	154	348516	17.00	ng/ul	96
47) Acenaphthylene	13.83	152	104520	4.10	ng/ul#	94
49) Acenaphthene	14.18	153	1134867	65.96	ng/ul	100
53) Dibenzofuran	14.52	168	1302496	49.98	ng/ul	92
58) Fluorene	15.17	166	1355354	62.12	ng/ul	98
60) 4-Nitroaniline	15.17	138	19810	4.25	ng/ul#	1
69) Phenanthrene	16.92	178	6814116	199.45	ng/ul	98
71) Anthracene	17.00	178	869856	24.71	ng/ul	99
72) Carbazole	17.27	167	429945	14.00	ng/ul	98
74) Fluoranthene	18.94	202	4234926	96.18	ng/ul#	96
77) Pyrene	19.31	202	2741926	64.12	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	842083	19.53	ng/ul	98
82) Chrysene	21.12	228	633528	16.48	ng/ul	97
85) Benzo(b)fluoranthene	22.59	252	399681	11.12	ng/ul	97
86) Benzo(k)fluoranthene	22.59	252	399681	11.73	ng/ul	99
88) Benzo(a)pyrene	23.13	252	219211	6.62	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.33	276	65466	1.91	ng/ul	95
91) Benzo(g,h,i)perylene	25.97	276	39806	1.46	ng/ul#	86

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010725.D
Acq On : 24 Jun 2017 12:14
Operator : SJ/JU
Sample : I3653-06ME 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Quant Time: Jun 26 01:52:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
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\BM062317\
Data File : BM010725.D
Acq On : 24 Jun 2017 12:14
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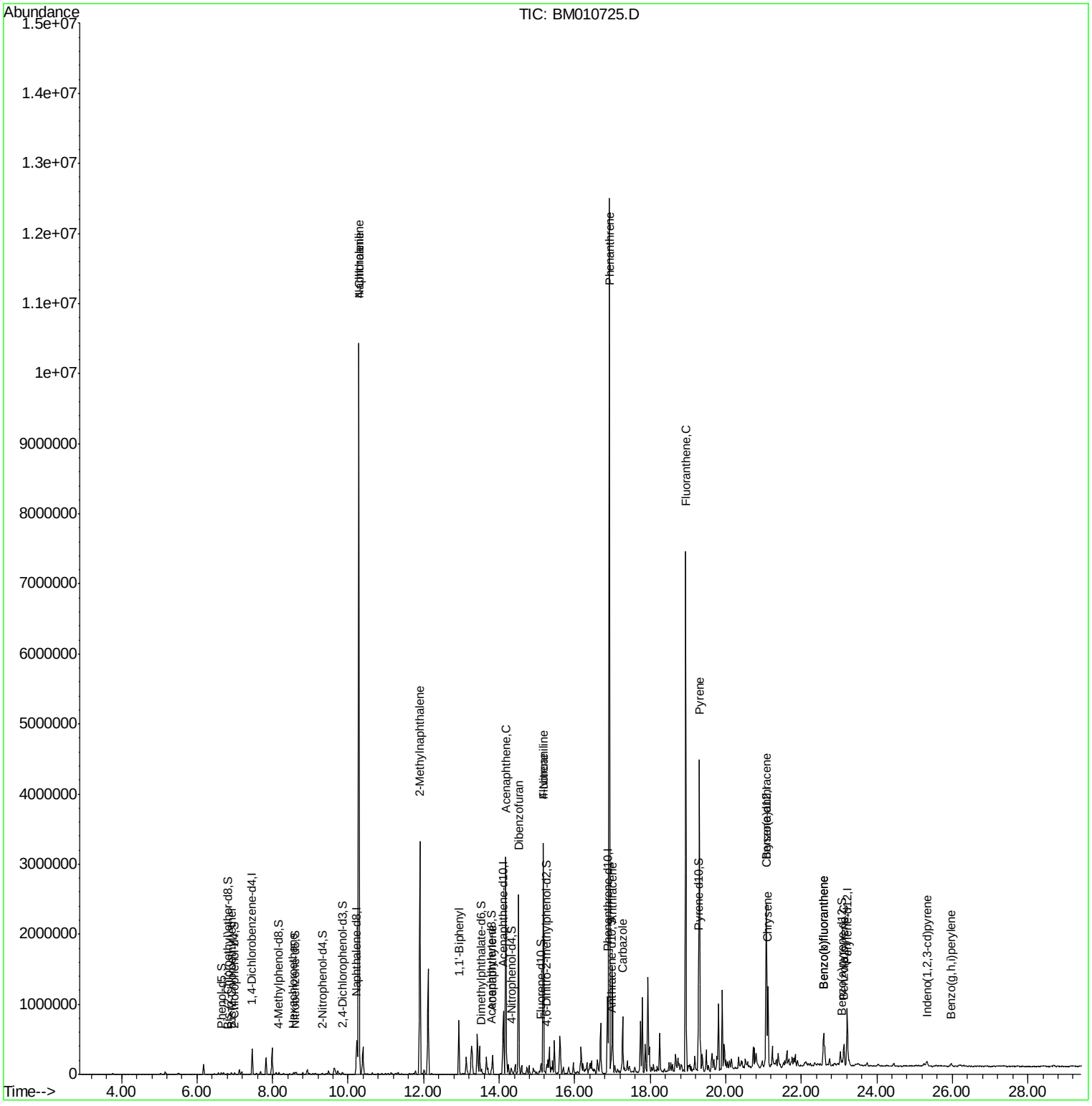
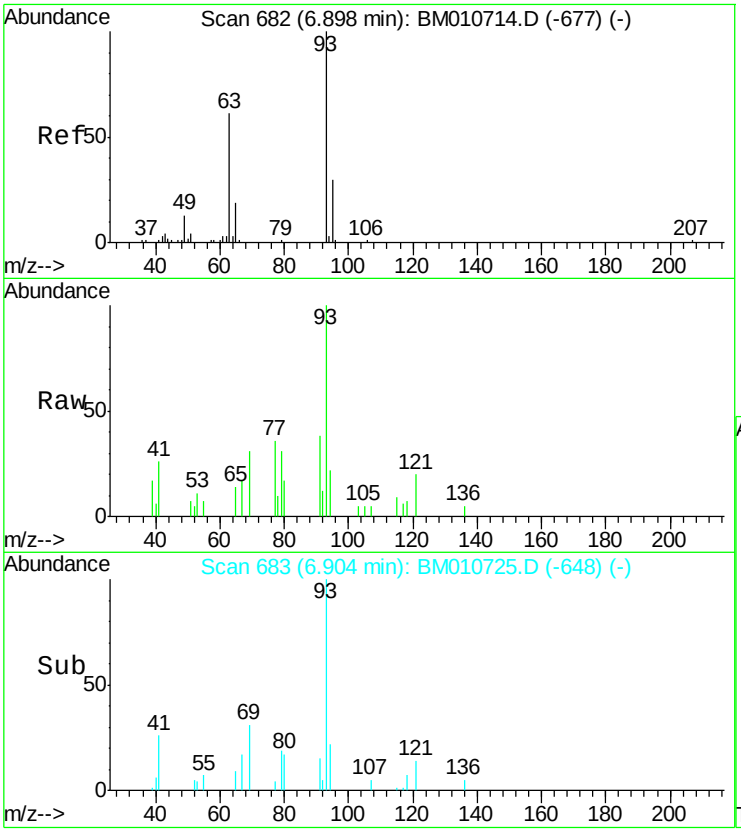
Quant Time: Jun 26 01:52:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration



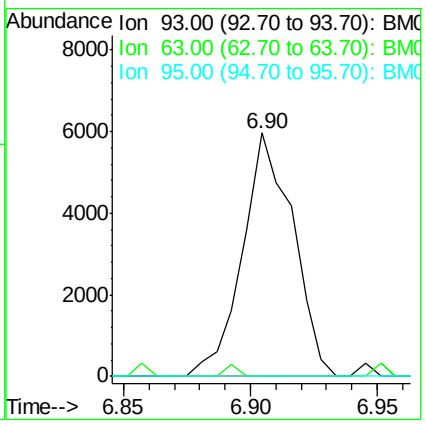


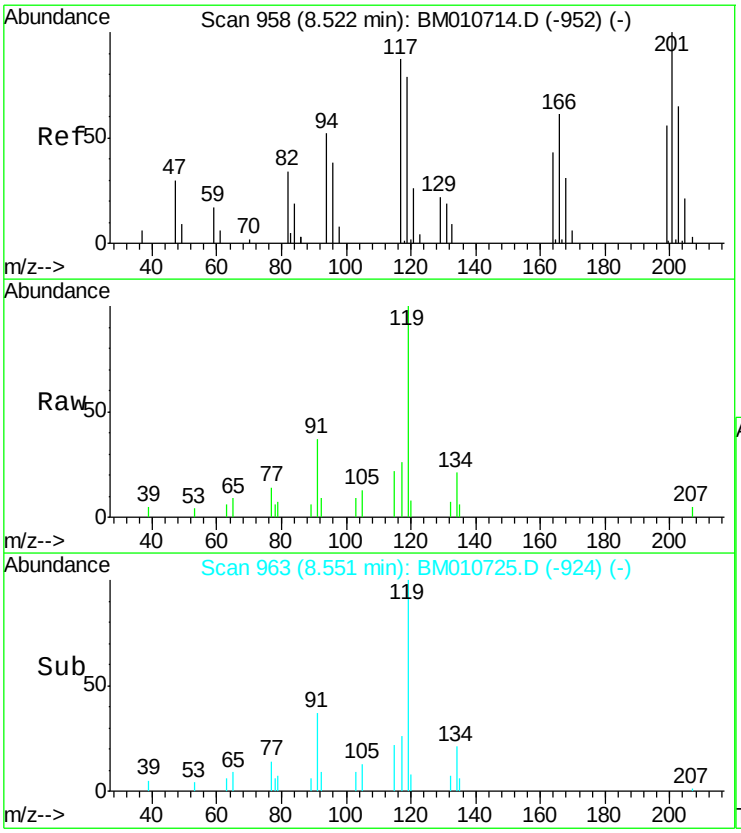
#8
Bis(2-Chloroethyl)ether
Concen: 1.36 ng/ul
RT: 6.90 min Scan# 683
Delta R.T. 0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion: 93 Resp: 8244

Ion	Ratio	Lower	Upper
93	100		
63	0.0	57.3	85.9#
95	0.0	26.6	39.8#

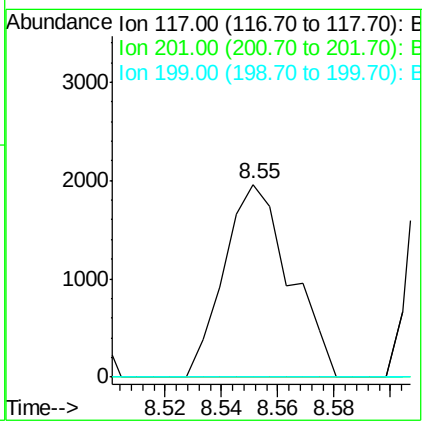


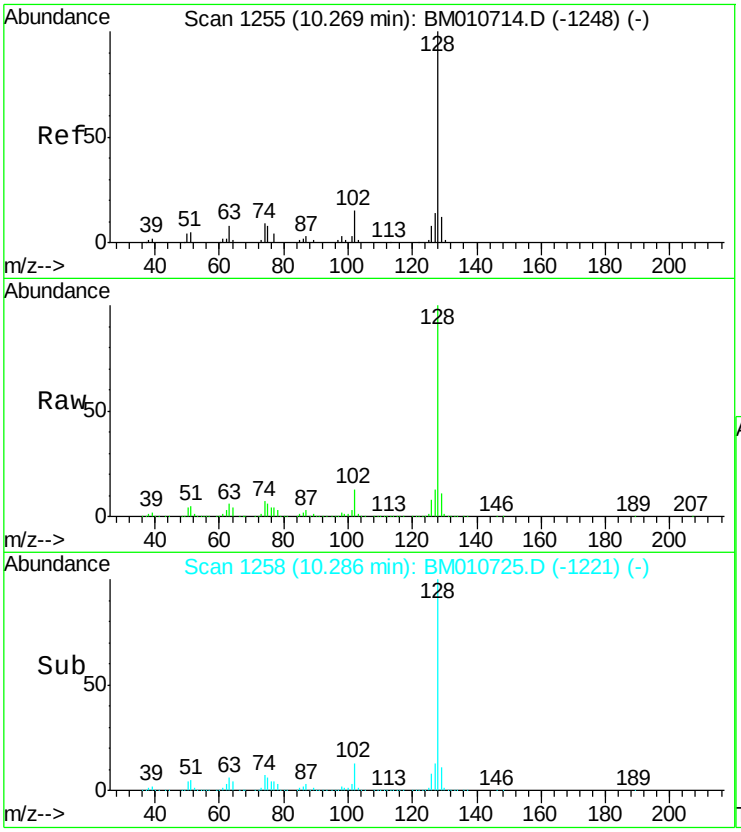


#17
Hexachloroethane
Concen: 1.26 ng/ul
RT: 8.55 min Scan# 963
Delta R.T. 0.03 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:117 Resp: 3175

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#



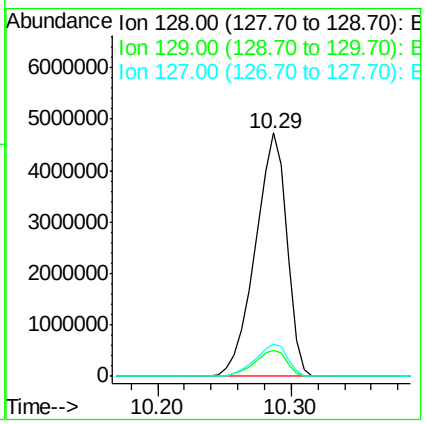


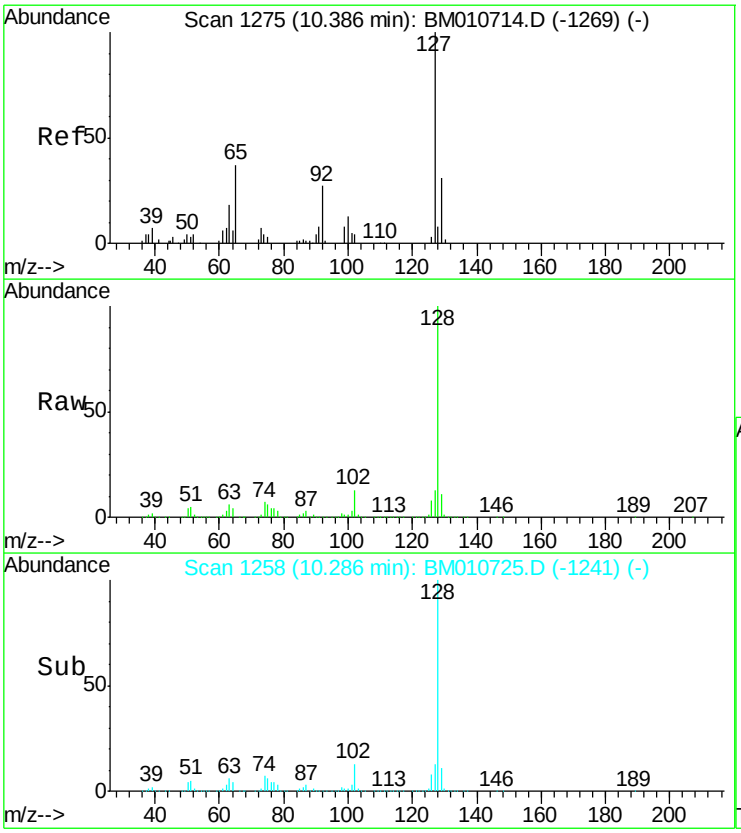
#28
Naphthalene
Concen: 402.72 ng/ul
RT: 10.29 min Scan# 1258
Delta R.T. 0.02 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:128 Resp: 7722948

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.6	16.0

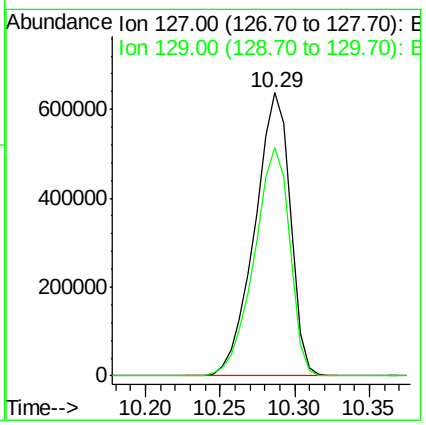


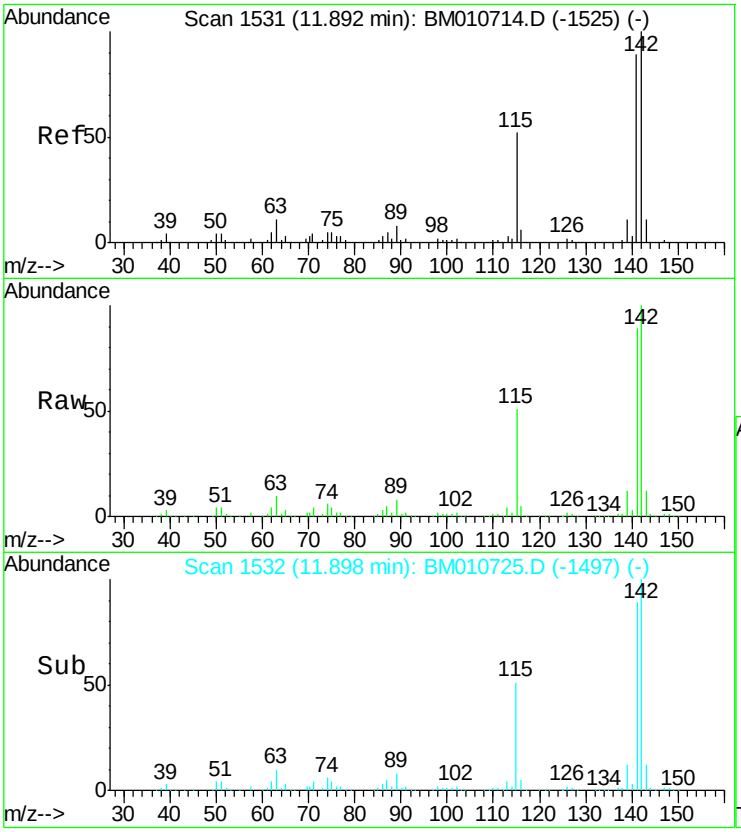


#30
4-Chloroaniline
Concen: 148.33 ng/ul
RT: 10.29 min Scan# 1258
Delta R.T. -0.10 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:127 Resp: 1048193

Ion	Ratio	Lower	Upper
127	100		
129	80.5	28.4	42.6#



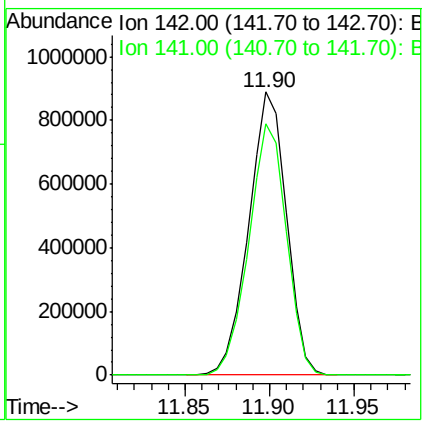


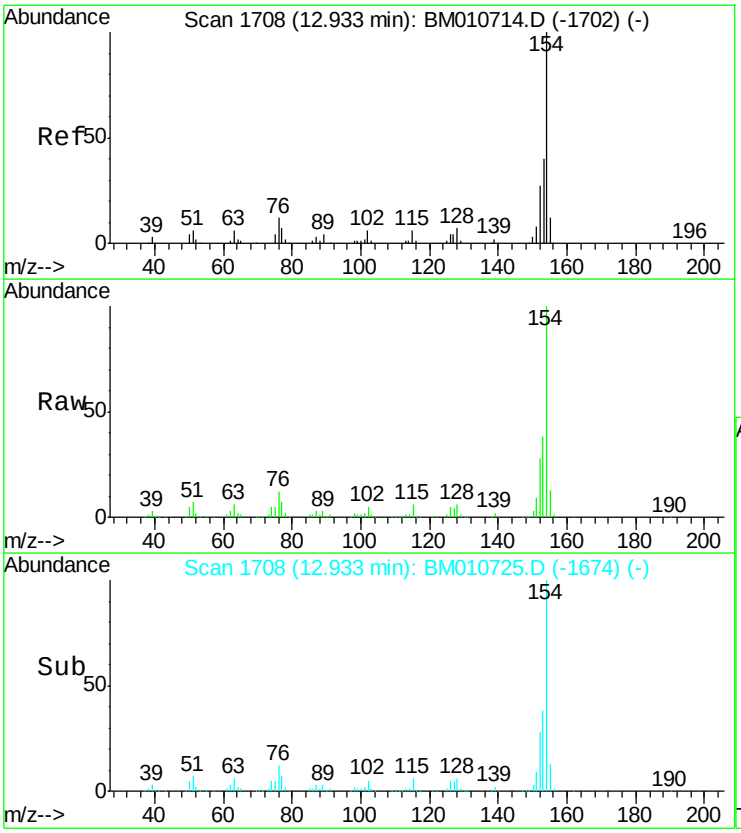
#34
2-Methylnaphthalene
Concen: 89.63 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:142 Resp: 1381716

Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.1	111.1

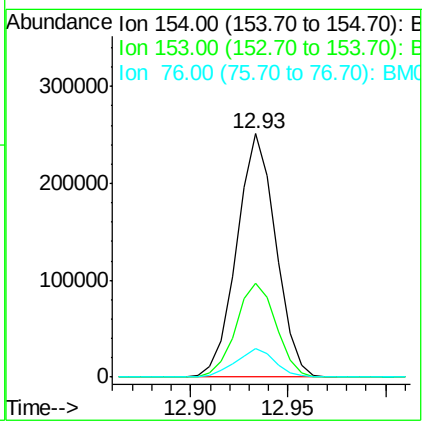


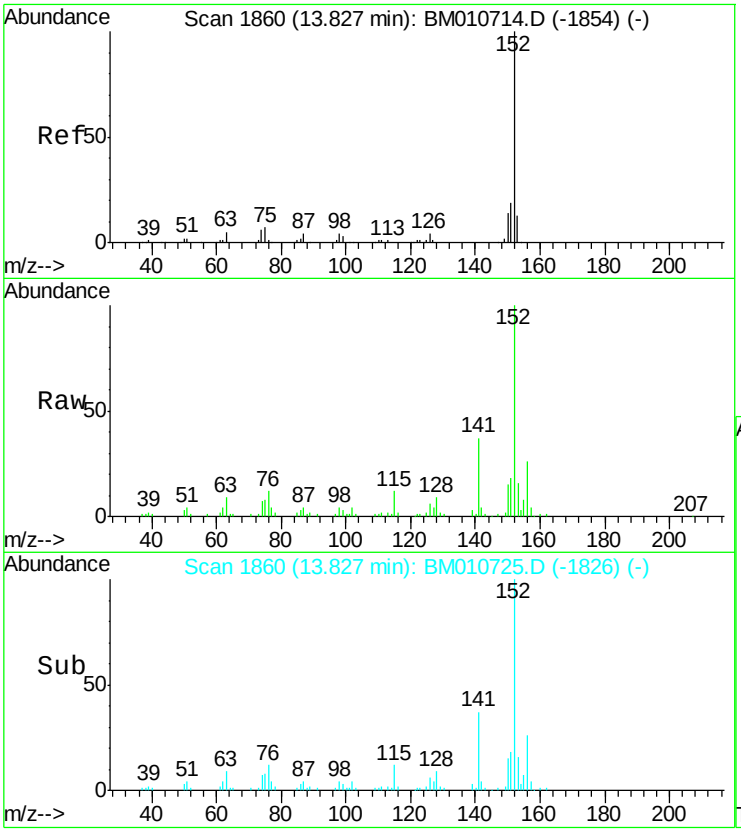


#40
1,1'-Biphenyl
Concen: 17.00 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:154 Resp: 348516

Ion	Ratio	Lower	Upper
154	100		
153	38.4	32.6	48.8
76	11.6	8.5	12.7



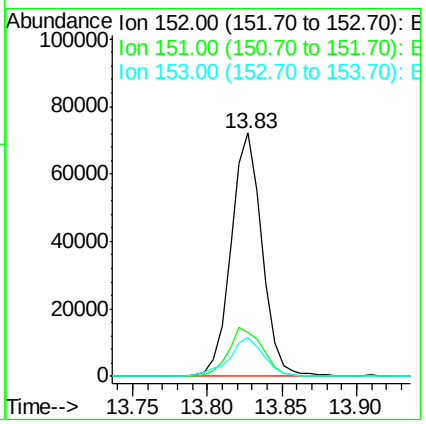


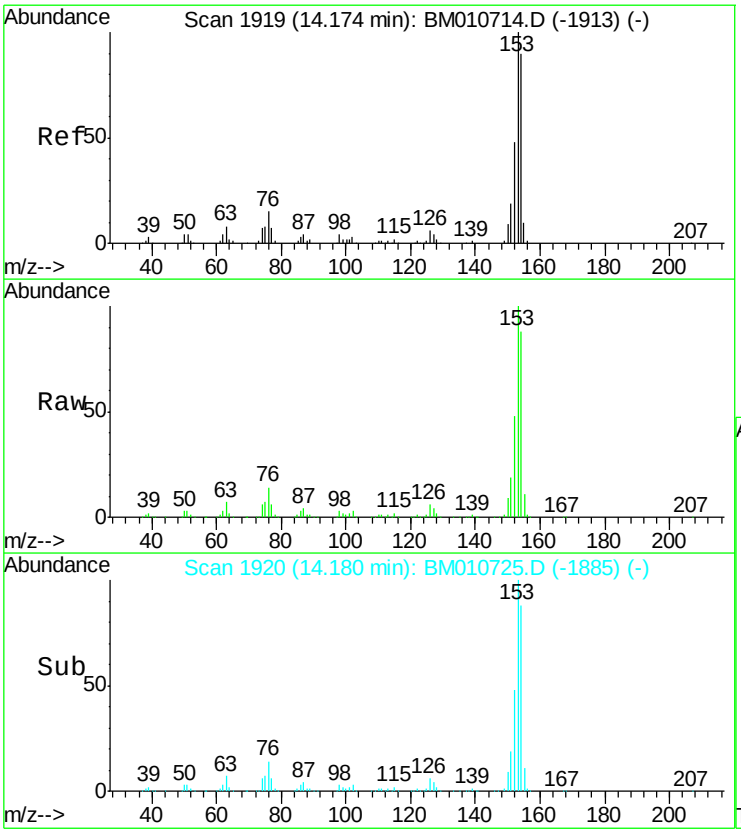
#47
Acenaphthylene
Concen: 4.10 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:152 Resp: 104520

Ion	Ratio	Lower	Upper
152	100		
151	17.9	16.3	24.5
153	15.8	10.2	15.4#

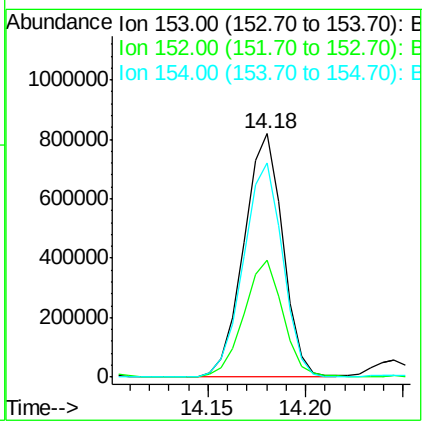


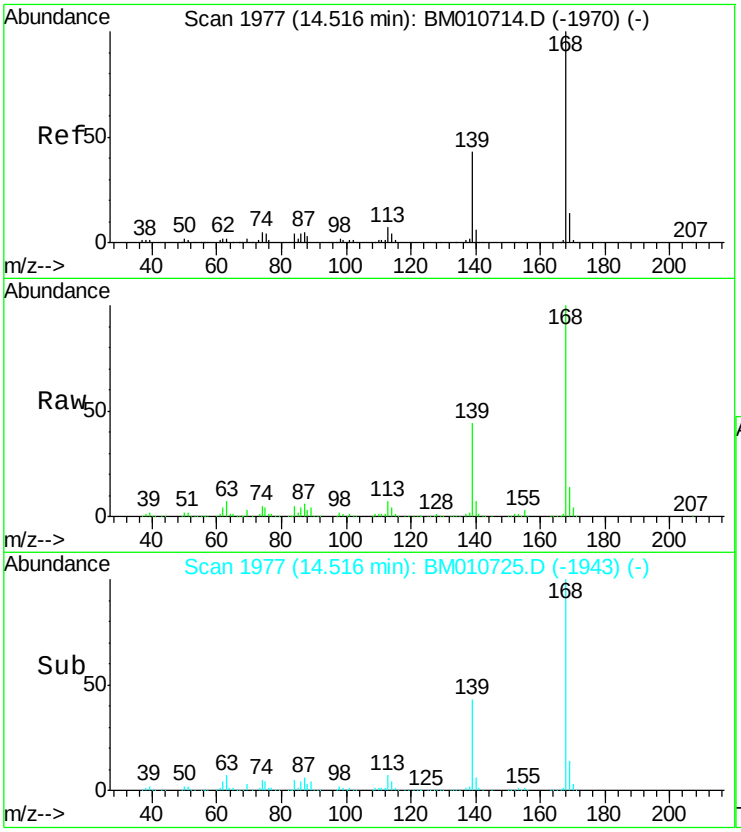


#49
Acenaphthene
Concen: 65.96 ng/ul
RT: 14.18 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:153 Resp: 1134867

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.6	56.4
154	88.0	70.4	105.6



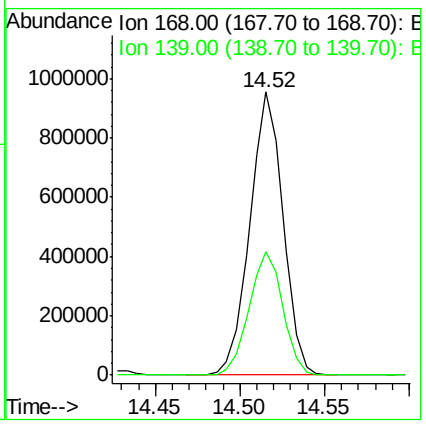


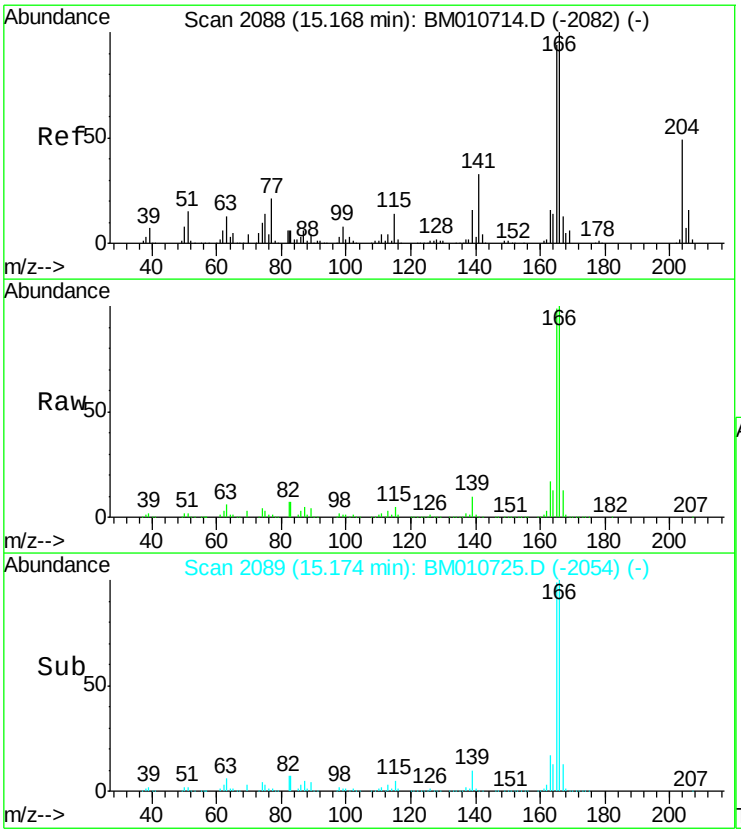
#53
Dibenzofuran
Concen: 49.98 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:168 Resp: 1302496

Ion	Ratio	Lower	Upper
168	100		
139	43.6	30.8	46.2

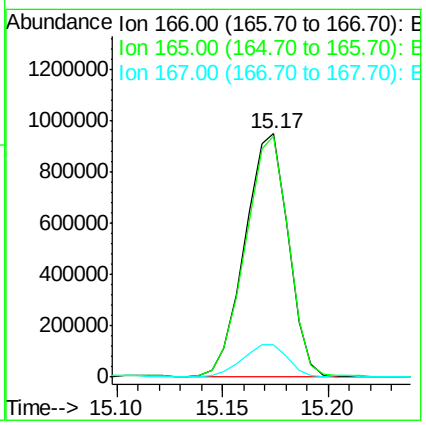


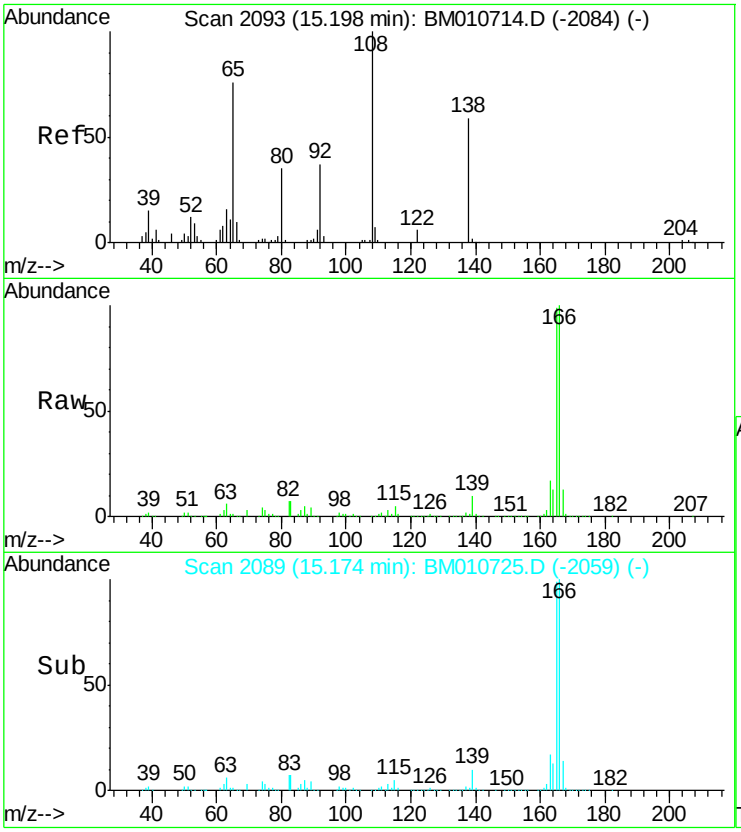


#58
Fluorene
Concen: 62.12 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:166 Resp: 1355354

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	13.5	10.6	16.0



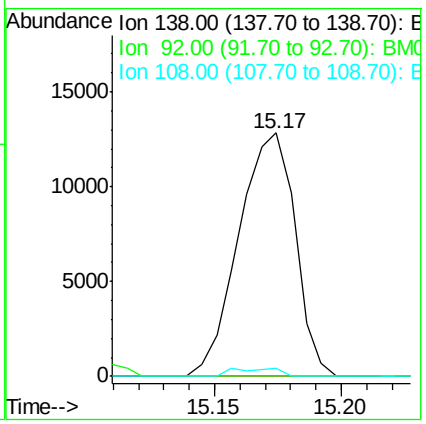


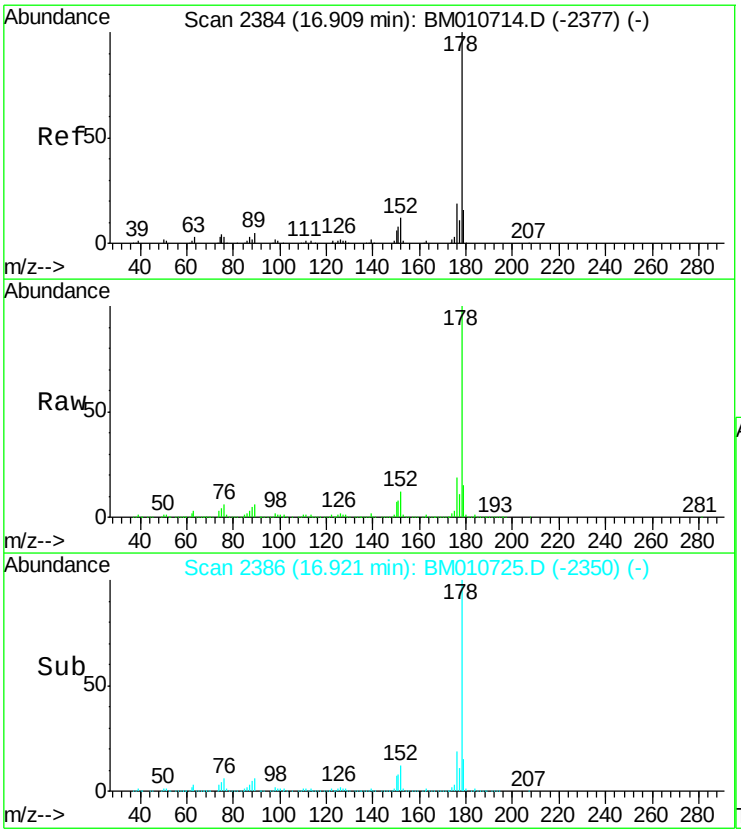
#60
4-Nitroaniline
Concen: 4.25 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. -0.02 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:138 Resp: 19810

Ion	Ratio	Lower	Upper
138	100		
92	0.0	52.7	79.1#
108	3.3	140.4	210.6#

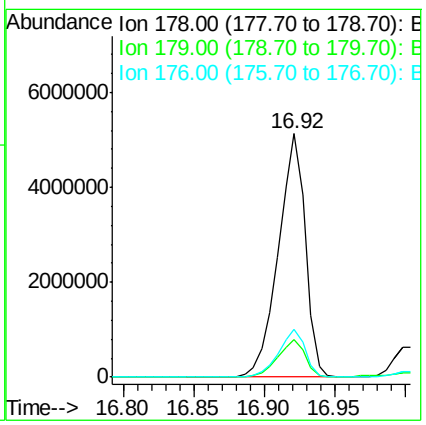


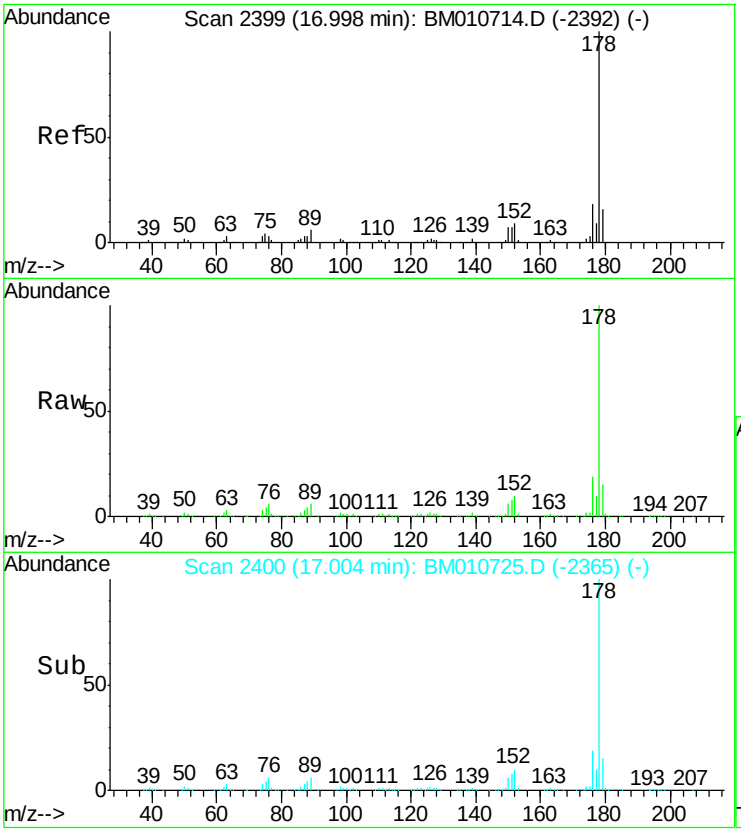


#69
Phenanthrene
Concen: 199.45 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:178 Resp: 6814116

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.5	14.9	22.3



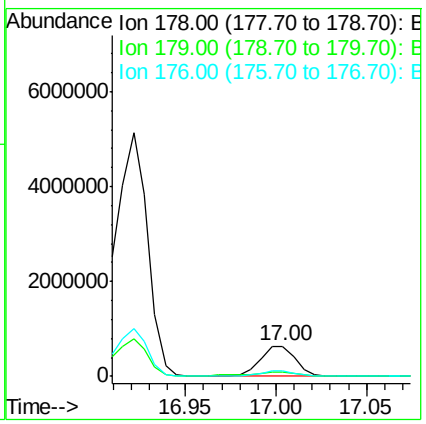


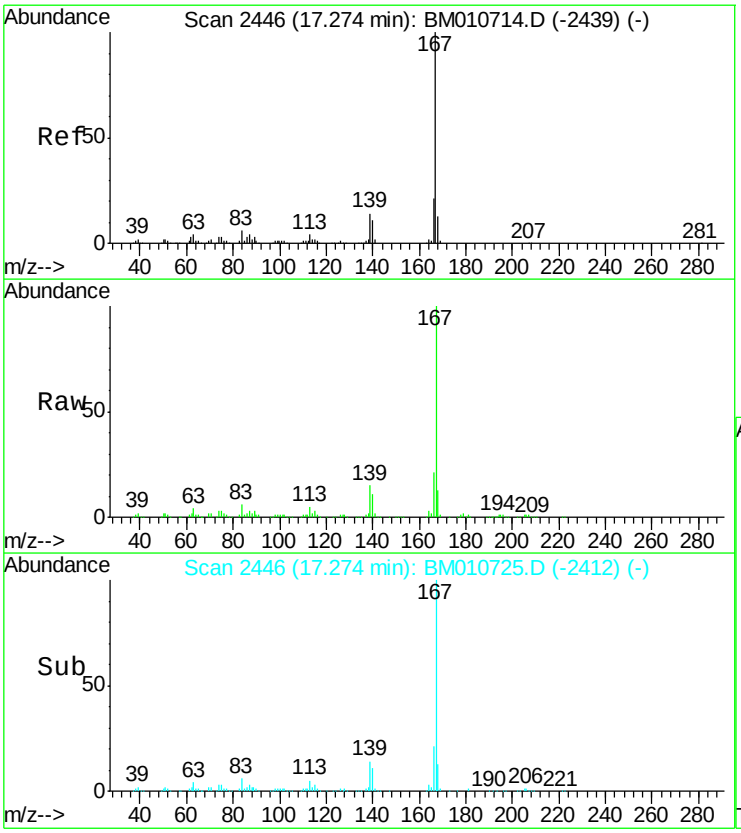
#71
Anthracene
Concen: 24.71 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:178 Resp: 869856

Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.7	17.5
176	19.0	14.6	21.8

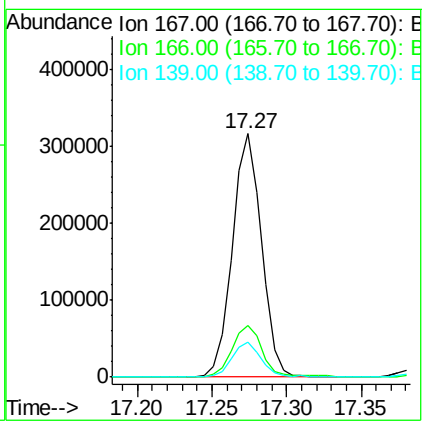


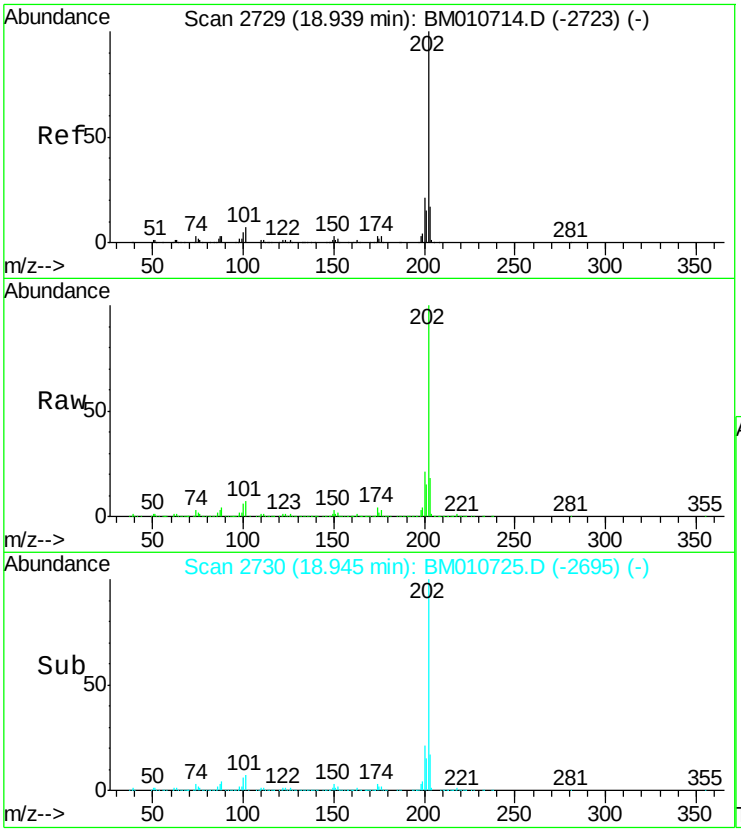


#72
Carbazole
Concen: 14.00 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:167 Resp: 429945

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	14.5	10.0	15.0



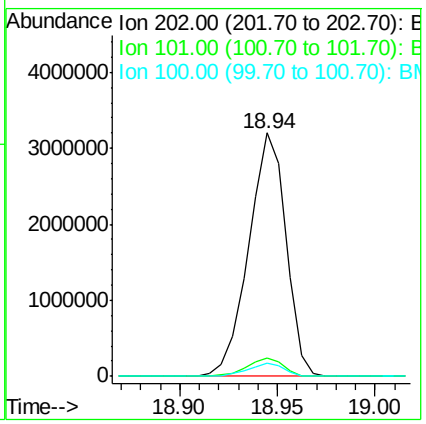


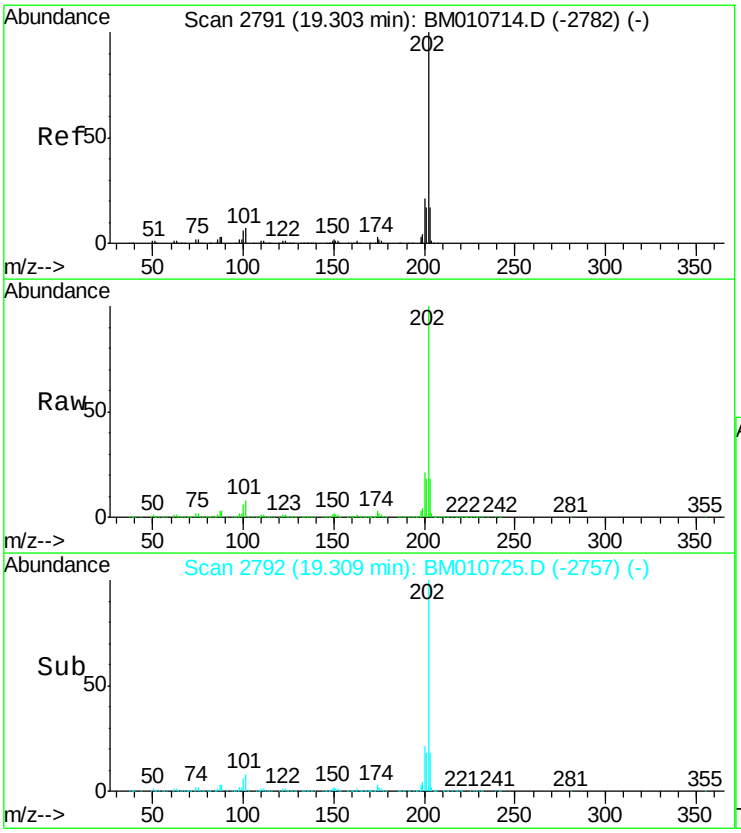
#74
Fluoranthene
Concen: 96.18 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:202 Resp: 4234926

Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.6	7.0#
100	5.6	3.4	5.2#

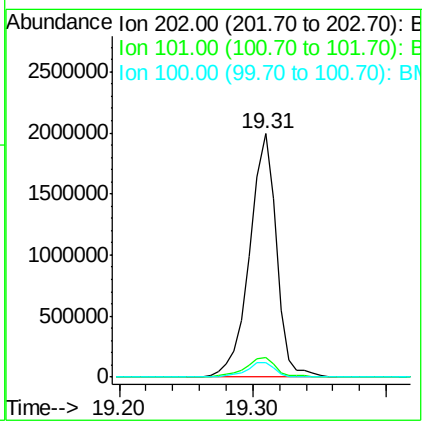


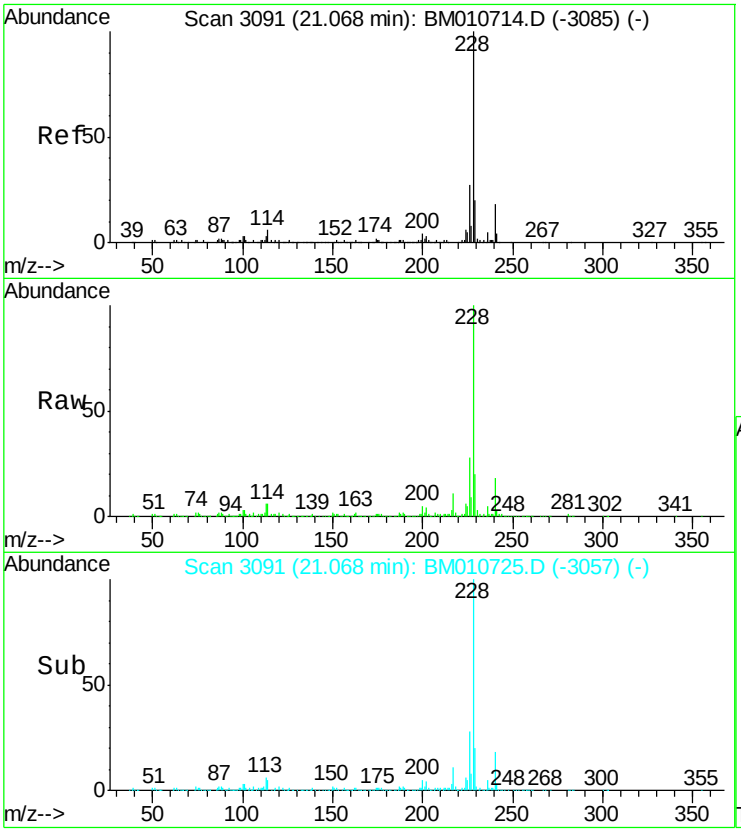


#77
Pyrene
Concen: 64.12 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:202 Resp: 2741926

Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.1	7.7#
100	6.0	4.9	7.3



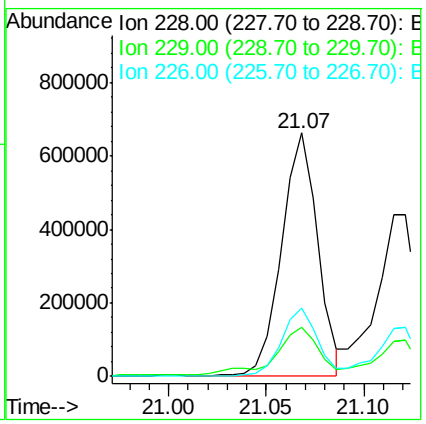


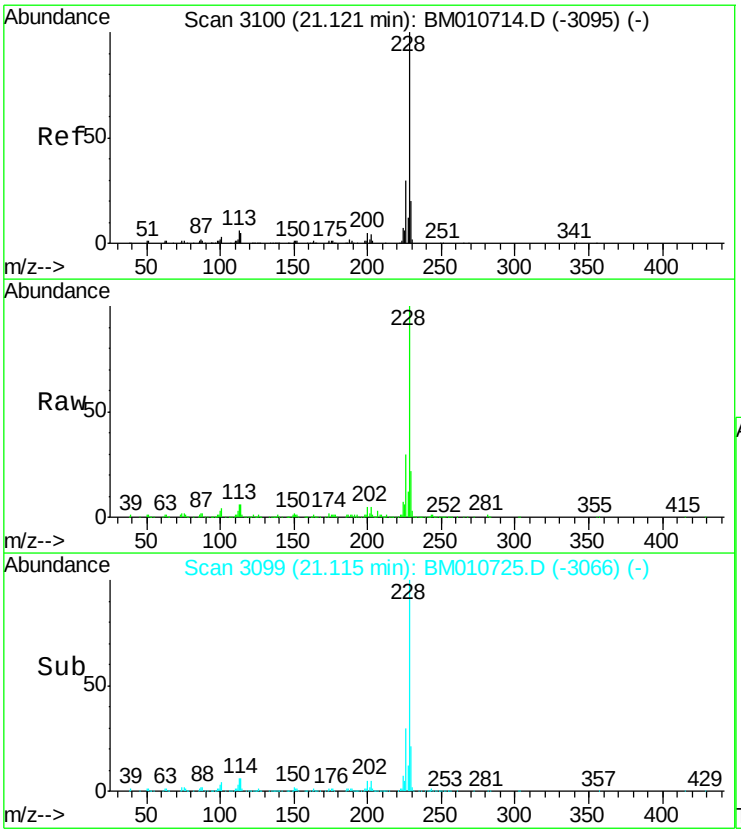
#80
Benzo(a)anthracene
Concen: 19.53 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:228 Resp: 842083

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	28.0	21.4	32.0

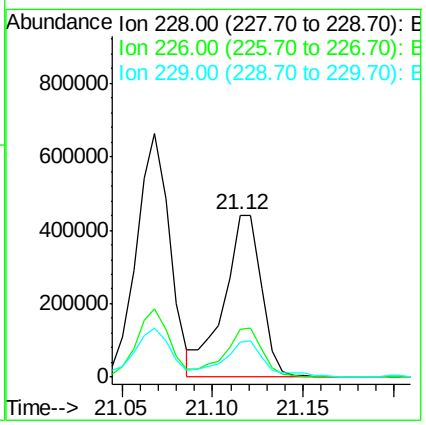


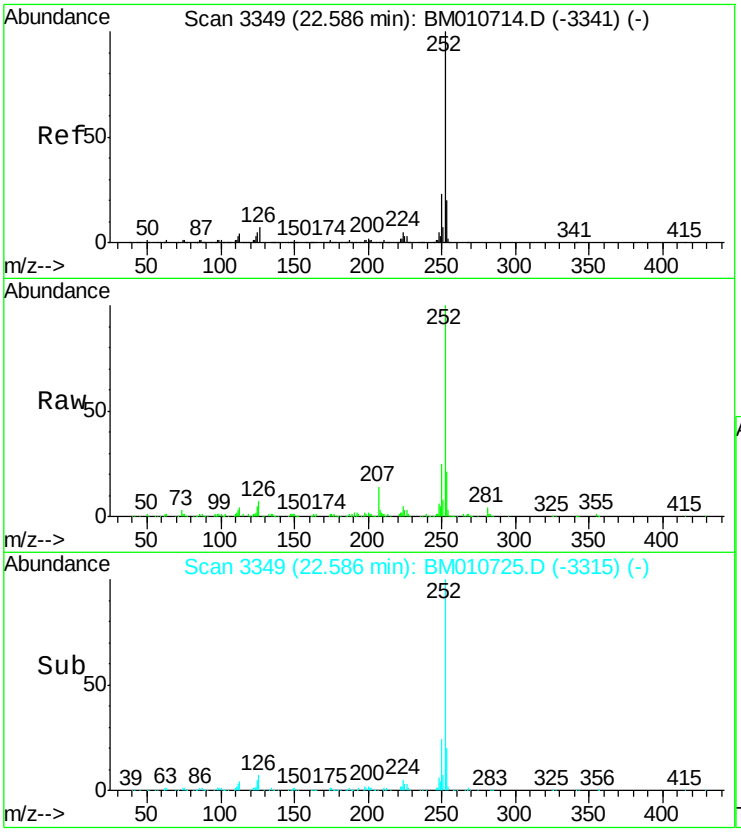


#82
Chrysene
Concen: 16.48 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:228 Resp: 633528

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.0	15.5	23.3



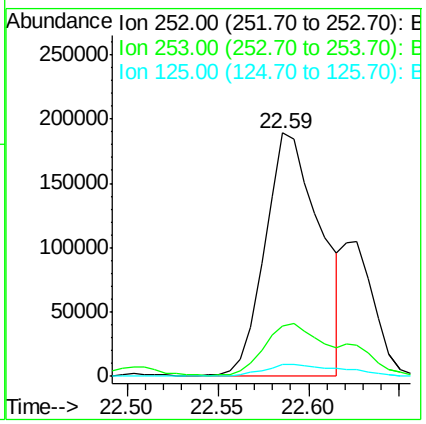


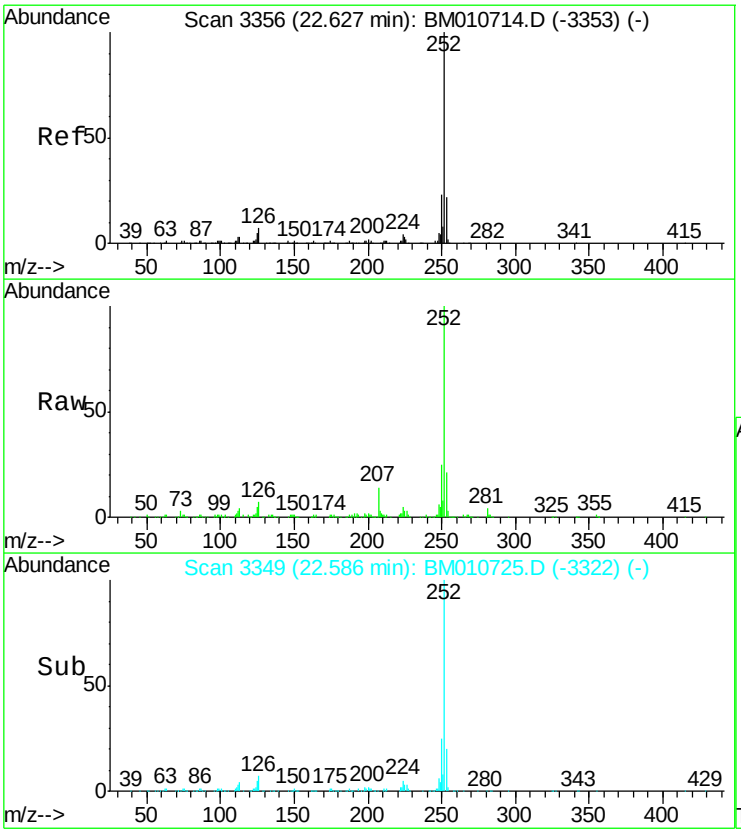
#85
Benzo(b)fluoranthene
Concen: 11.12 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:252 Resp: 399681

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	5.0	3.6	5.4

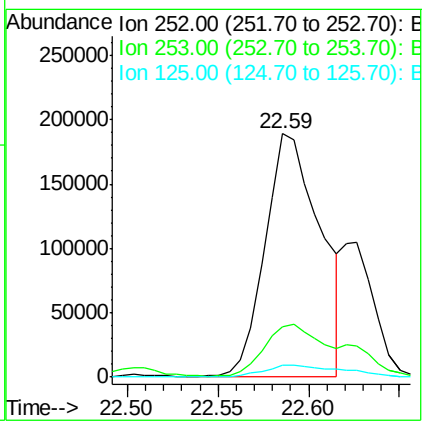


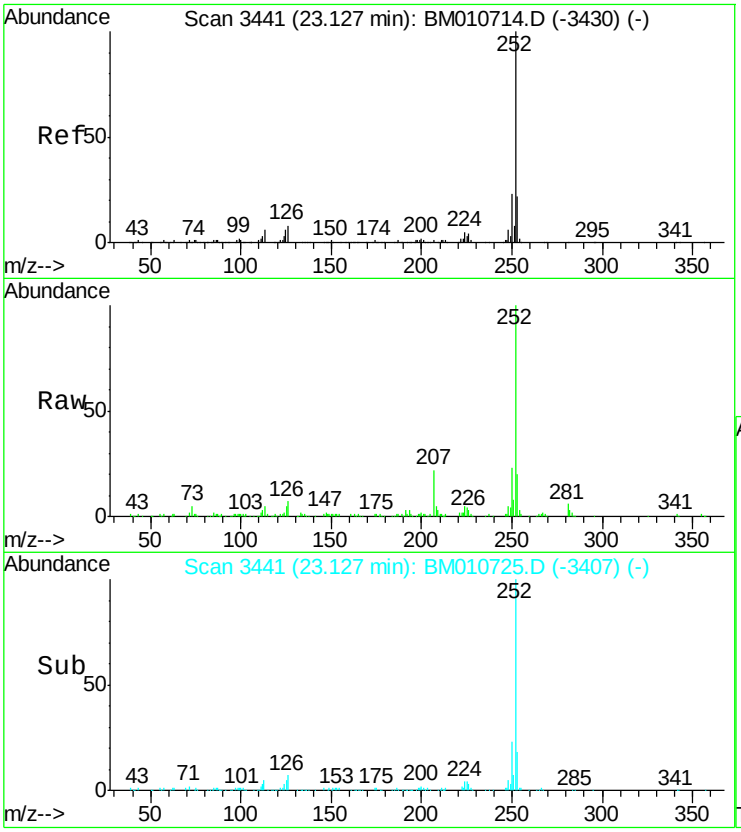


#86
Benzo(k)fluoranthene
Concen: 11.73 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:252 Resp: 399681

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	5.0	3.4	5.2



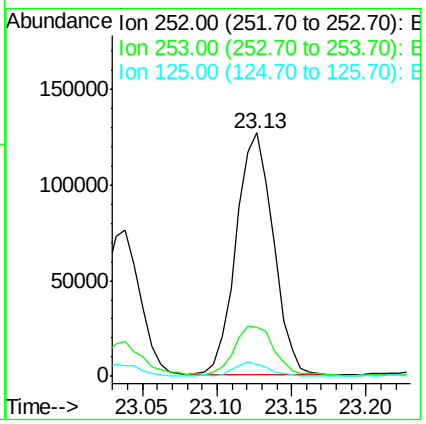


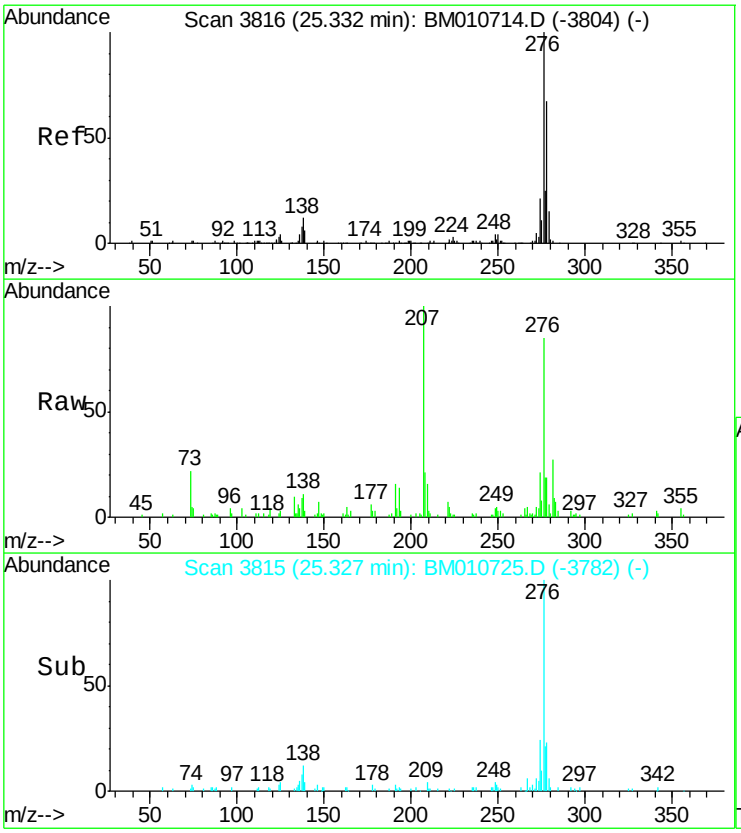
#88
Benzo(a)pyrene
Concen: 6.62 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. 0.00 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:252 Resp: 219211

Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.2	27.2
125	5.0	4.0	6.0

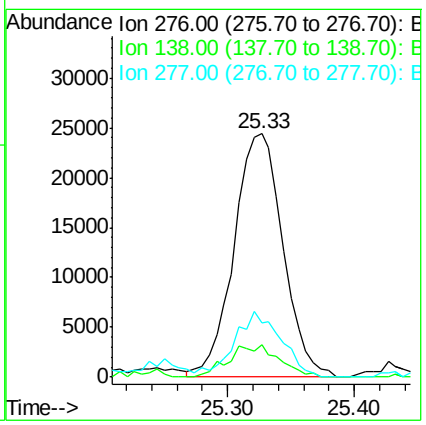


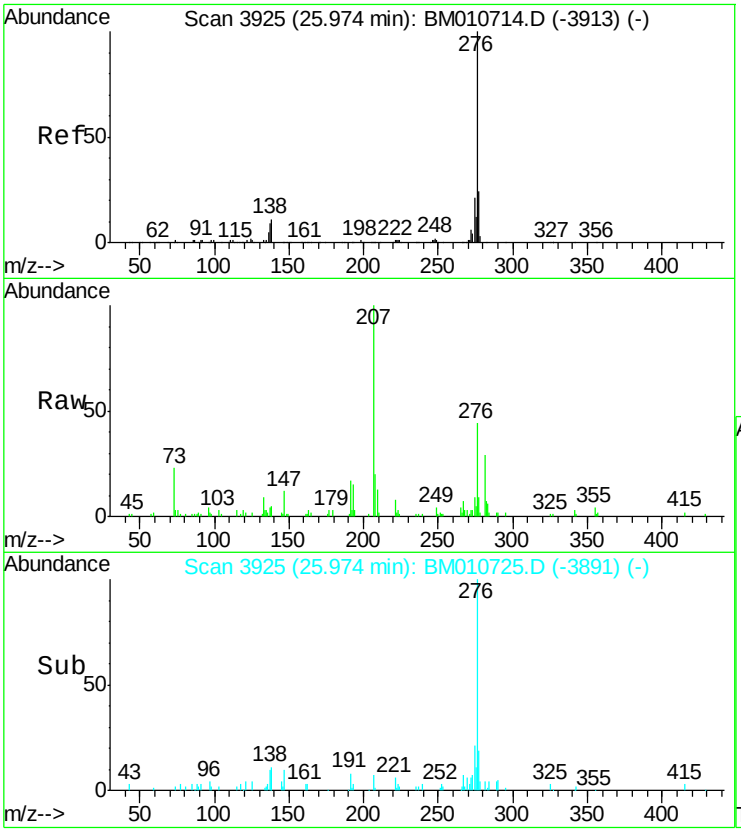


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.91 ng/ul
RT: 25.33 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Tgt Ion:276 Resp: 65466

Ion	Ratio	Lower	Upper
276	100		
138	13.2	9.3	13.9
277	22.3	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.46 ng/ul
RT: 25.97 min Scan# 3925
Delta R.T. 0.00 min
Lab File: BM010725.D
Acq: 24 Jun 2017 12:14

Instrument :
BNA_M
ClientSampleId :
F5E19ME

Tgt Ion:276 Resp: 39806

Ion	Ratio	Lower	Upper
276	100		
138	20.4	8.5	12.7#
277	19.3	18.6	28.0