Instrument :
BNA_M
ClientSampleId :
F6B00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On : 24 Jan 2018 18:50
Operator : SJ/JU
Sample : J1223-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 07 08:50:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 00:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	148587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	602002	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	349114	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	721354	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	744599	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	781982	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	12518	3.33	ng/uL	0.00
5) Phenol-d5	6.78	99	268010	23.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	168278	24.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	231903	24.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	195243	22.27	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	121485	26.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	128691	26.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	233402	24.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	282114	34.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	740224	25.73	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	942345	25.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	98581	21.08	ng/ul	0.00
57) Fluorene-d10	15.25	176	651816	25.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	98942	22.79	ng/ul	0.00
70) Anthracene-d10	17.10	188	976448	27.79	ng/ul	0.00
76) Pyrene-d10	19.40	212	1092921	31.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	1053383	29.31	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.81	94	28575	2.498	ng/ul#	83
28) Naphthalene	10.42	128	99777	3.332	ng/ul	97
34) 2-Methylnaphthalene	12.04	142	494079	22.127	ng/ul	95
44) Dimethylphthalate	13.72	163	162143	5.731	ng/ul#	94
49) Acenaphthene	14.32	153	610570	26.260	ng/ul	98
53) Dibenzofuran	14.65	168	712724	20.376	ng/ul	97
58) Fluorene	15.30	166	700998	24.466	ng/ul	98
68) Pentachlorophenol	16.66	266	8901	1.826	ng/ul#	79
69) Phenanthrene	17.05	178	3592784	89.602	ng/ul	99
71) Anthracene	17.14	178	596680	14.427	ng/ul	99
74) Fluoranthene	19.07	202	2468375	51.571	ng/ul#	93
77) Pyrene	19.43	202	1638583	36.199	ng/ul#	94
80) Benzo(a)anthracene	21.19	228	354311	7.875	ng/ul	98
82) Chrysene	21.24	228	300633	7.284	ng/ul	98
85) Benzo(b)fluoranthene	22.74	252	191417	3.986	ng/ul#	89
86) Benzo(k)fluoranthene	22.79	252	63954	1.378	ng/ul#	87
88) Benzo(a)pyrene	23.30	252	94559	2.084	ng/ul#	94

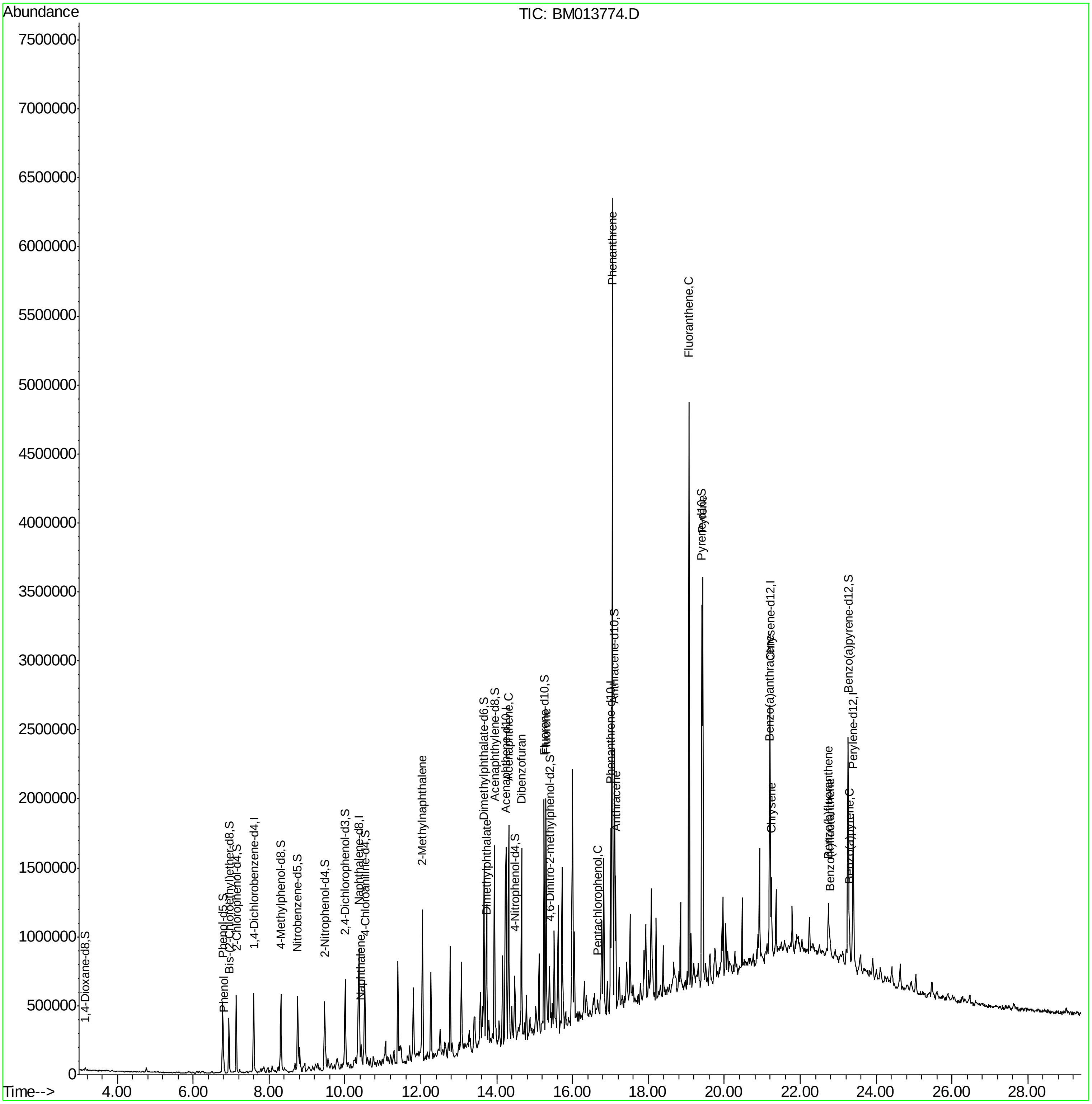
(#) = qualifier out of range (m) = manual integration (+) = signals summed

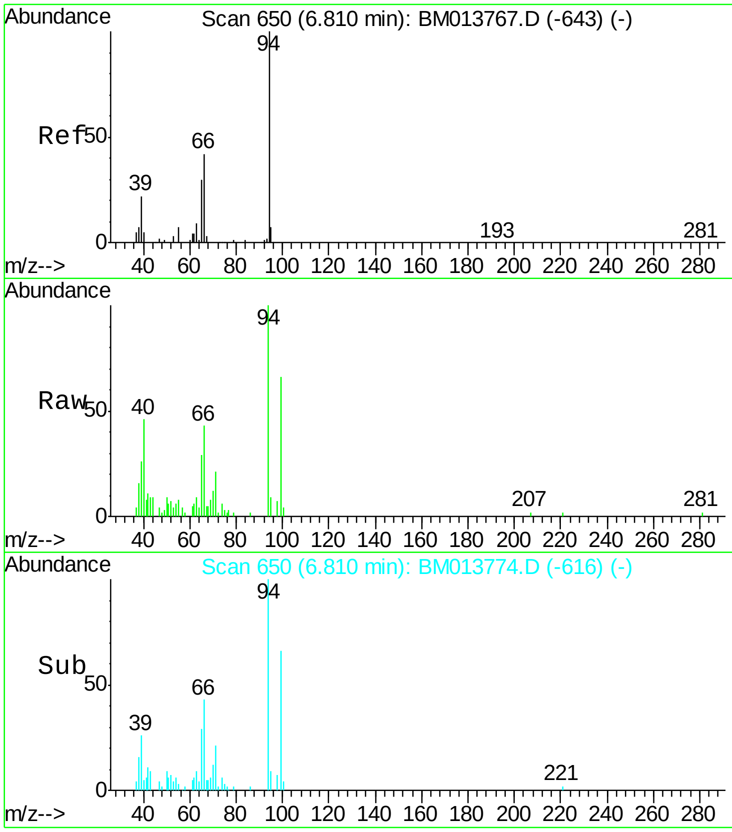
Quantitation Report   (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013774.D
Acq On   : 24 Jan 2018 18:50
Operator : SJ/JU
Sample   : J1223-14
Misc   :
ALS Vial : 9   Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B00

Quant Time: Feb 07 08:50:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 00:32:09 2018
Response via : Initial Calibration

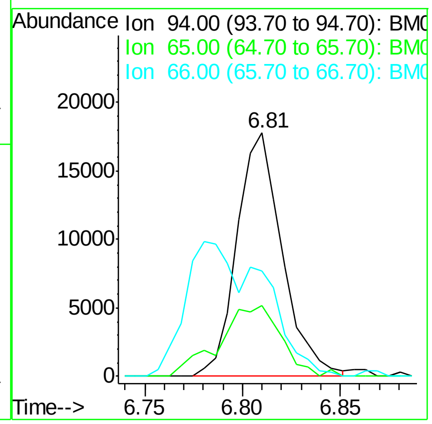


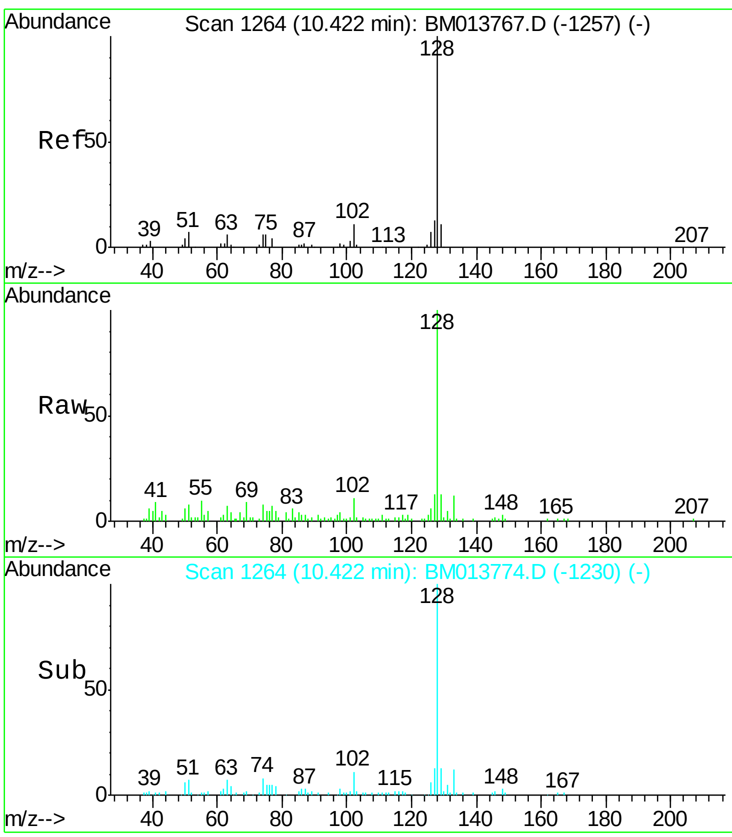


#6
Phenol
Concen: 2.498 ng/ul
RT: 6.81 min Scan# 650
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Instrument :
BNA_M
ClientSampleId :
F6B00

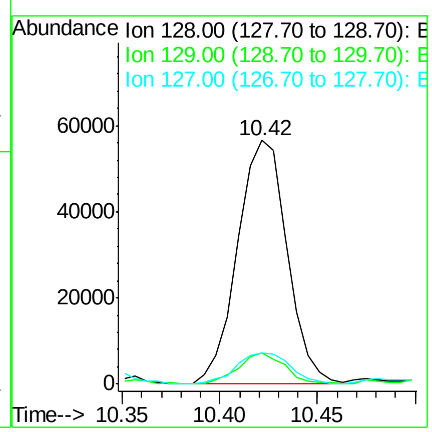
Tgt Ion: 94	Resp:	28575	
Ion	Ratio	Lower	Upper
94	100		
65	28.9	28.2	42.4
66	43.2	47.2	70.8#





#28
Naphthalene
Concen: 3.332 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Tgt Ion:128	Resp:	99777	
Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.8	13.2
127	12.9	10.6	16.0

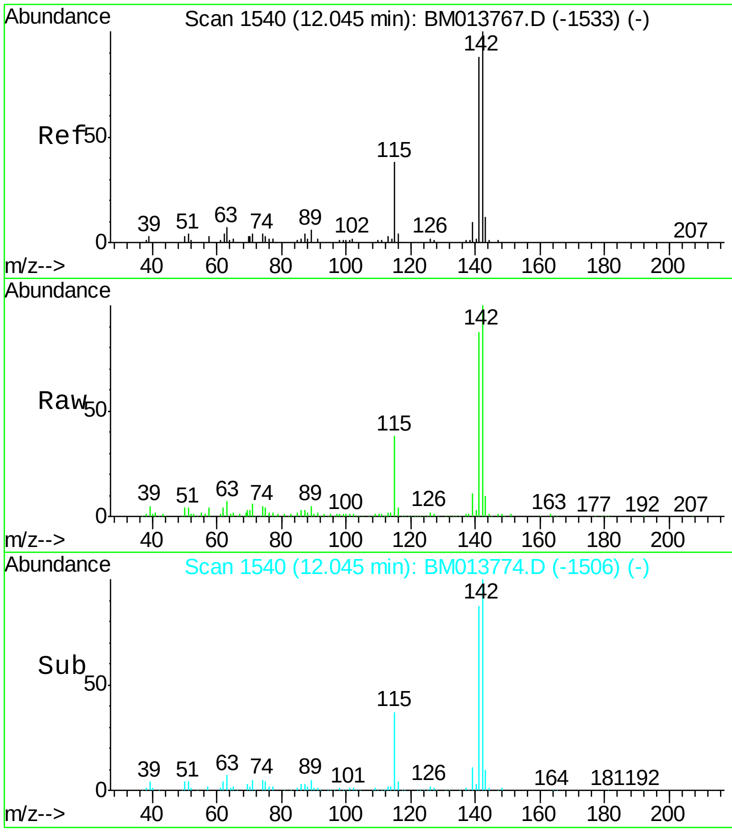


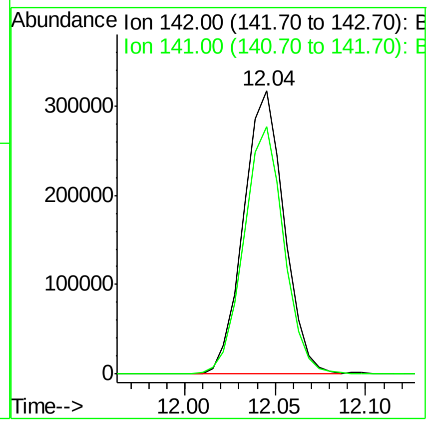
#34
2-Methylnaphthalene
Concen: 22.127 ng/ul
RT: 12.04 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Instrument : BNA_M
ClientSampleId : F6B00

Tgt Ion:142 Resp: 494079

Ion	Ratio	Lower	Upper
142	100		
141	87.4	74.1	111.1

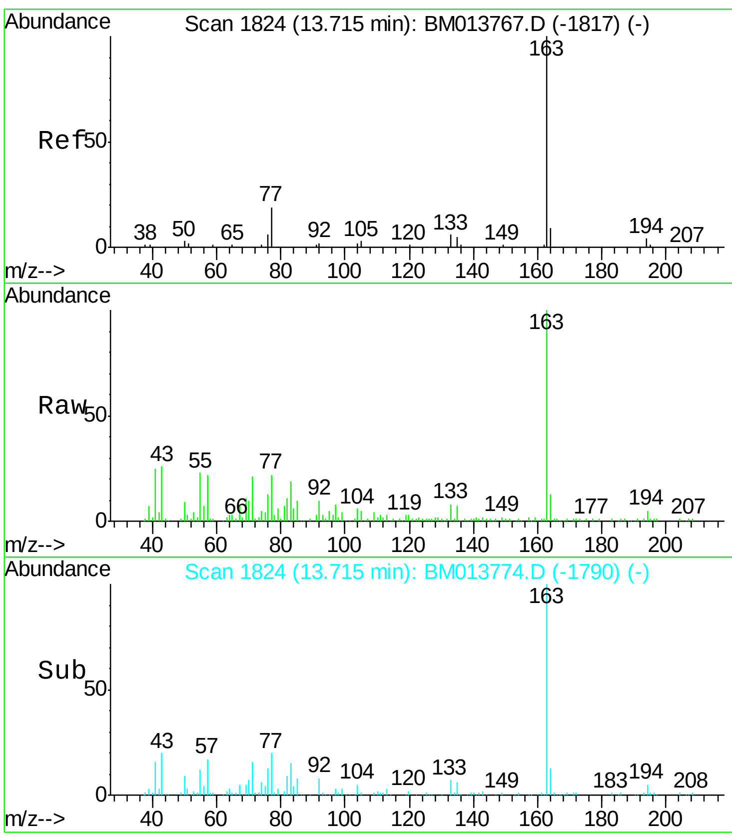


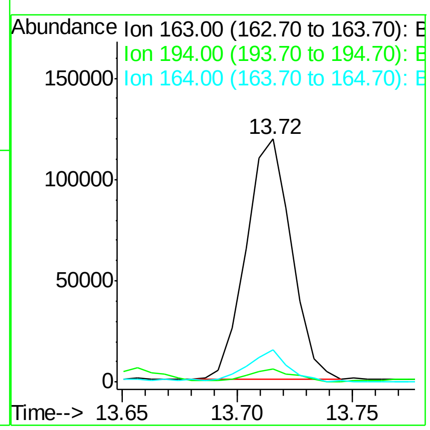


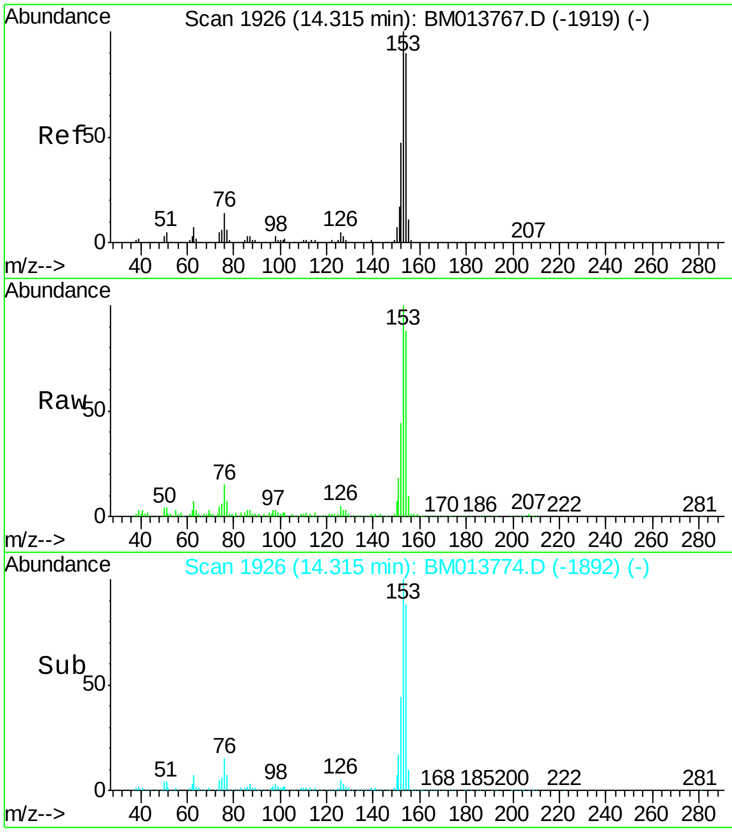
#44
Dimethylphthalate
Concen: 5.731 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Tgt Ion:163 Resp: 162143

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.5	5.3#
164	13.2	8.2	12.4#





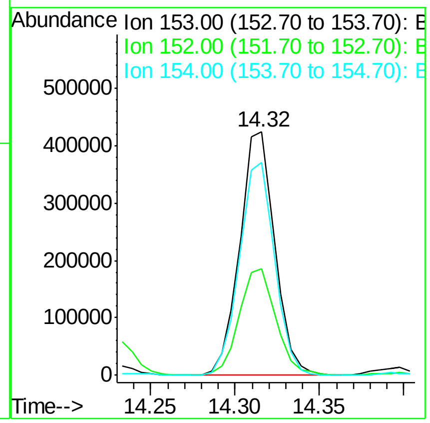


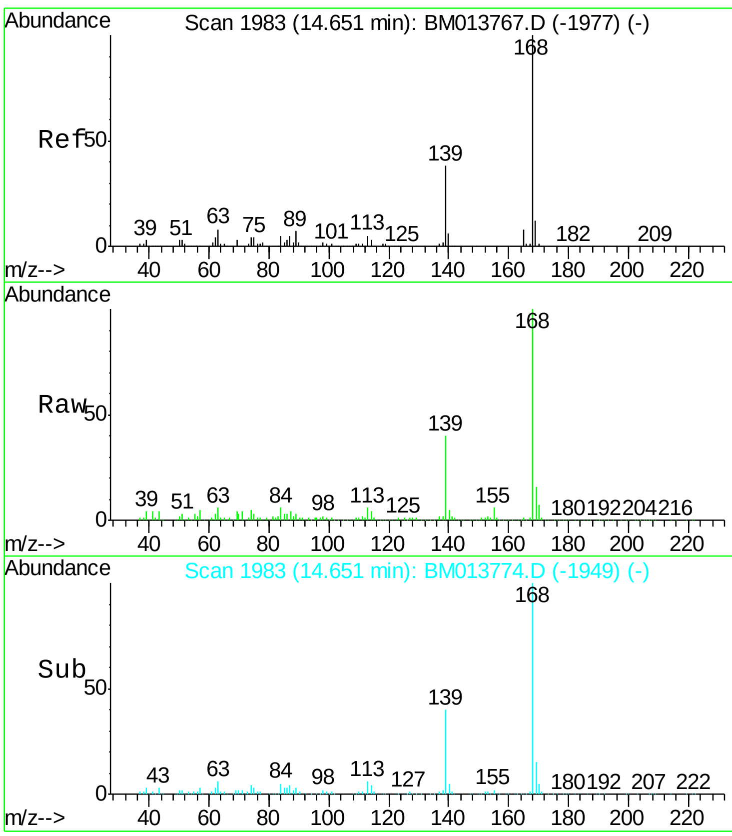
#49
Acenaphthene
Concen: 26.260 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Instrument :
BNA_M
ClientSampleId :
F6B00

Tgt Ion:153 Resp: 610570

Ion	Ratio	Lower	Upper
153	100		
152	43.7	37.6	56.4
154	87.6	70.4	105.6

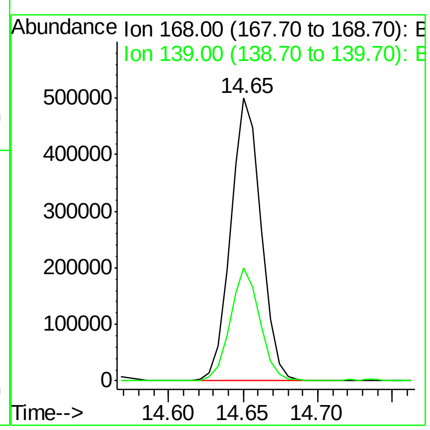


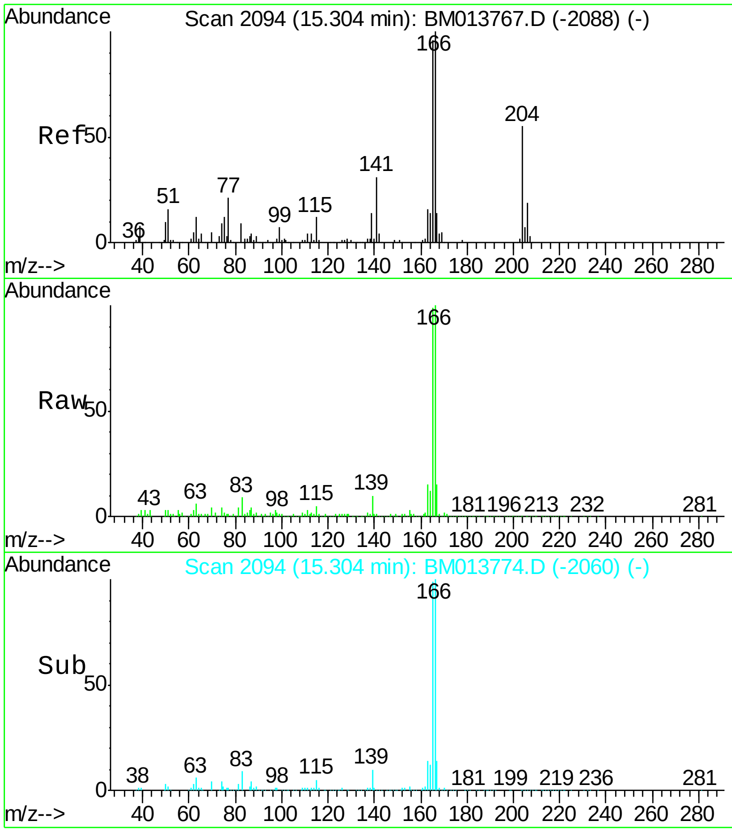


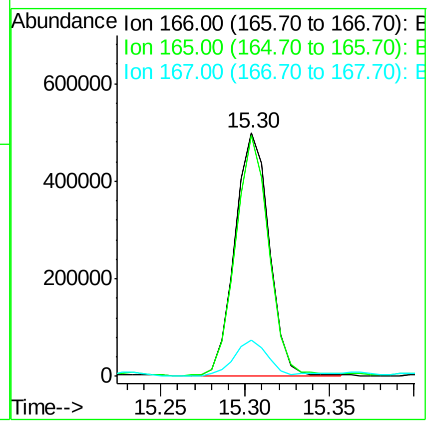
#53
Dibenzofuran
Concen: 20.376 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Tgt Ion:168 Resp: 712724

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.8	46.2





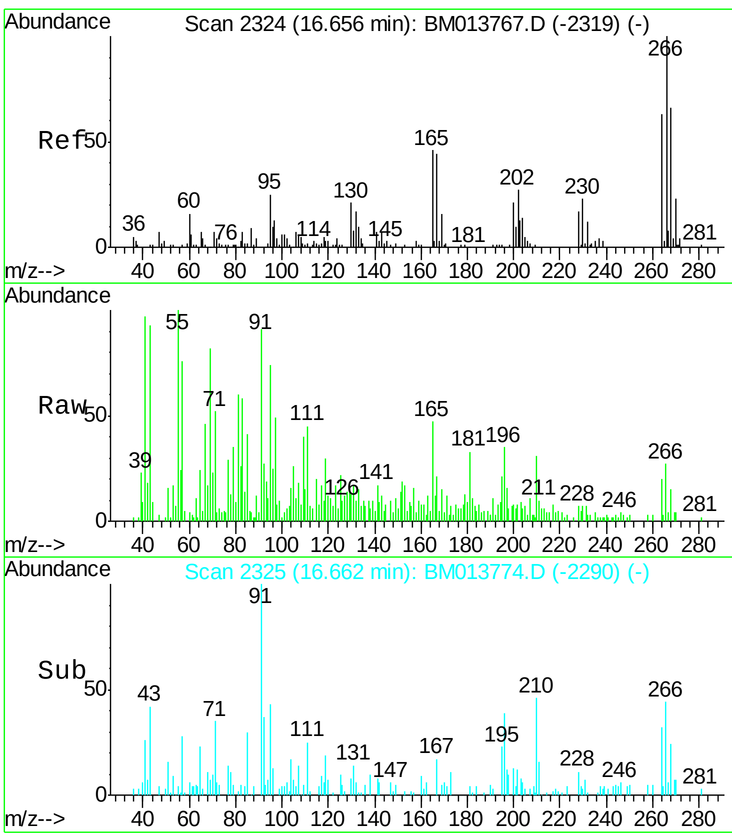


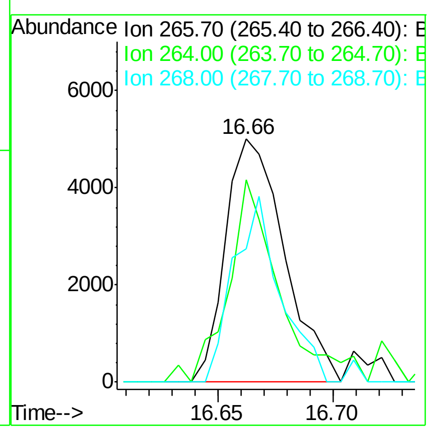
#58
Fluorene
Concen: 24.466 ng/ul
RT: 15.30 min   Scan# 2094
Delta R.T.   -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Instrument :
BNA_M
ClientSampleId :
F6B00

Tgt Ion:166 Resp: 700998

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	14.9	10.6	16.0

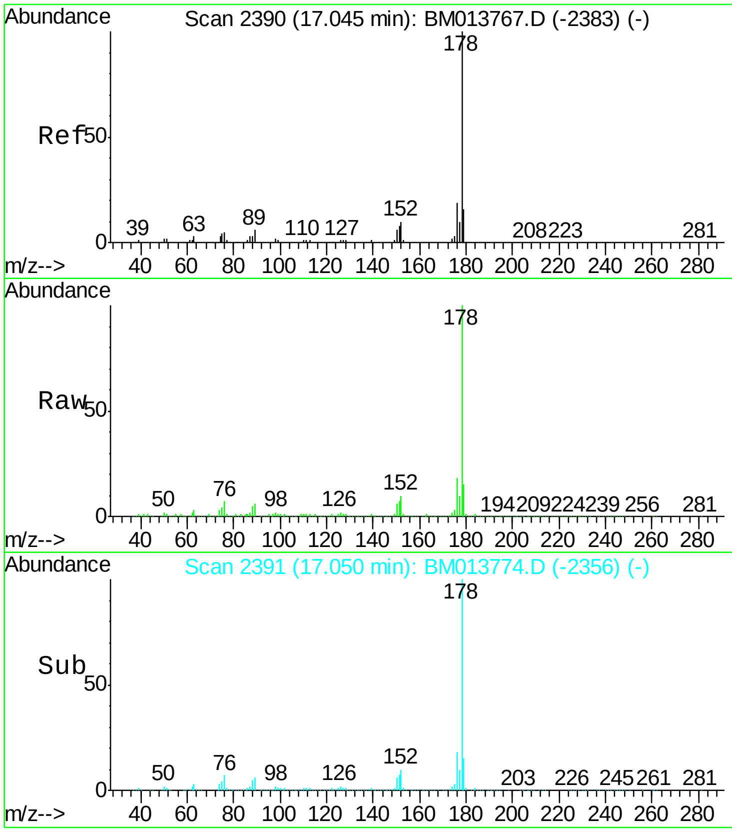




#68
Pentachlorophenol
Concen: 1.826 ng/ul
RT: 16.66 min   Scan# 2325
Delta R.T.   0.01 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Tgt Ion:266 Resp: 8901

Ion	Ratio	Lower	Upper
266	100		
264	83.3	49.3	73.9#
268	54.9	52.6	78.8

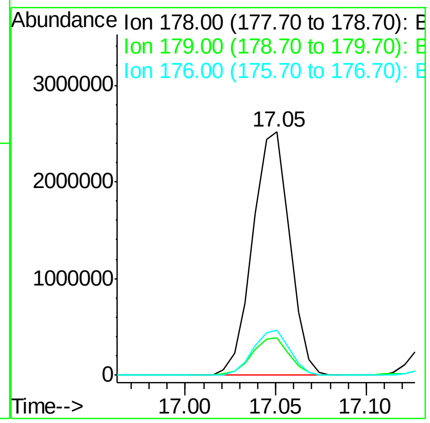


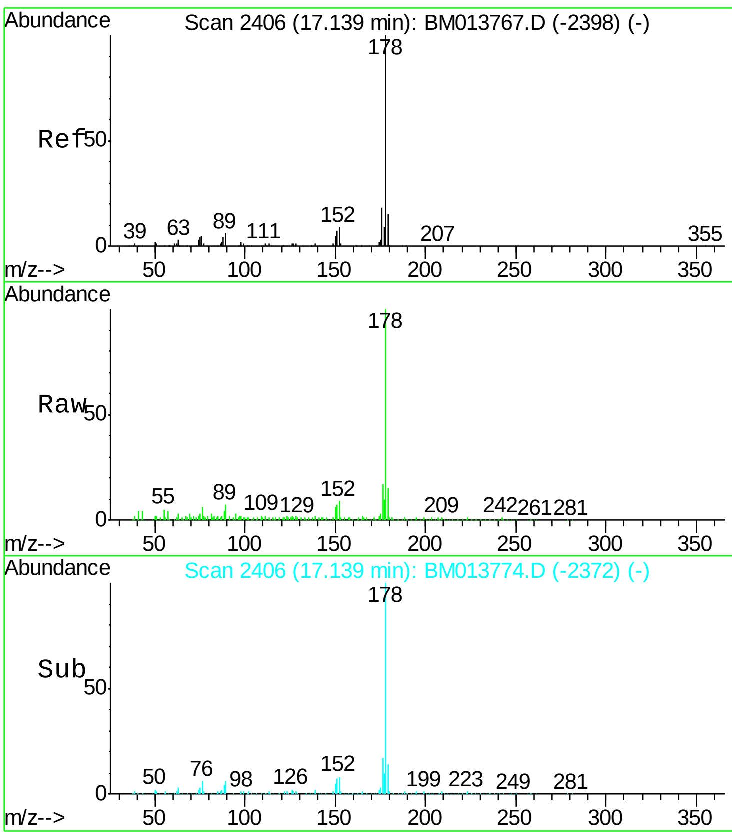
#69
Phenanthrene
Concen: 89.602 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Instrument :
BNA_M
ClientSampleId :
F6B00

Tgt Ion:178 Resp: 3592784

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.4	14.9	22.3

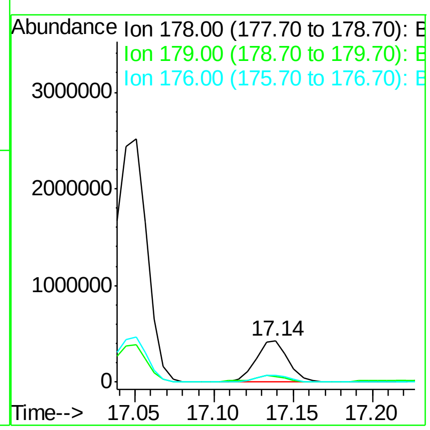


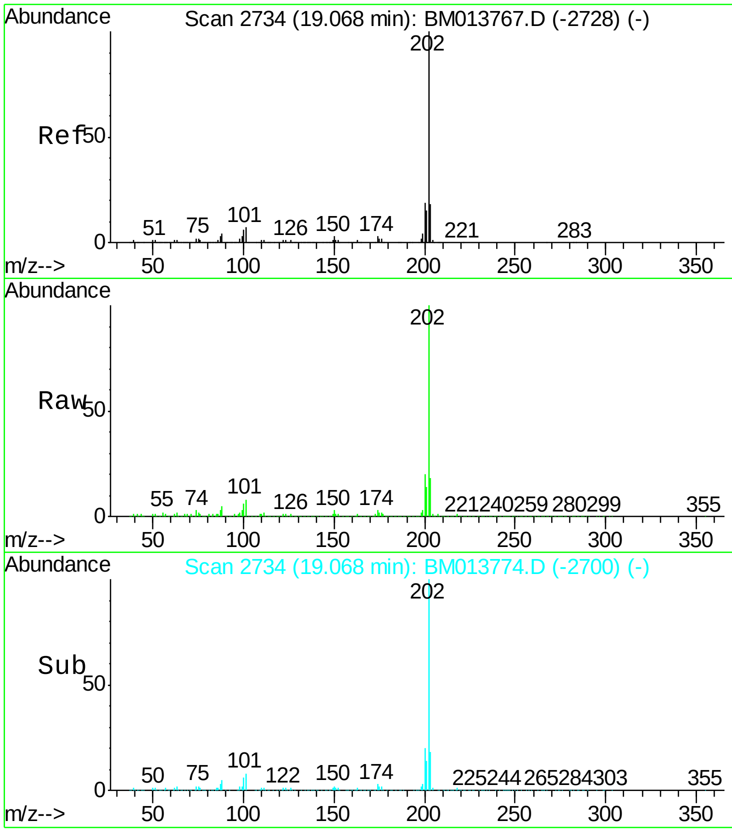


#71
Anthracene
Concen: 14.427 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Tgt Ion:178 Resp: 596680

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



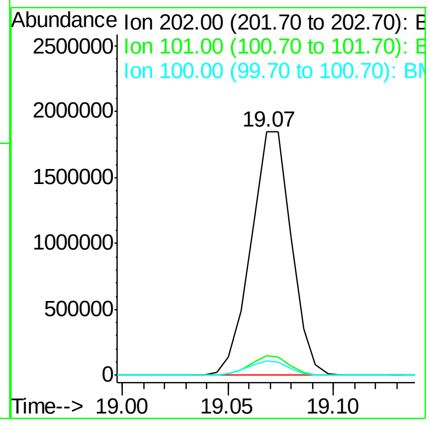


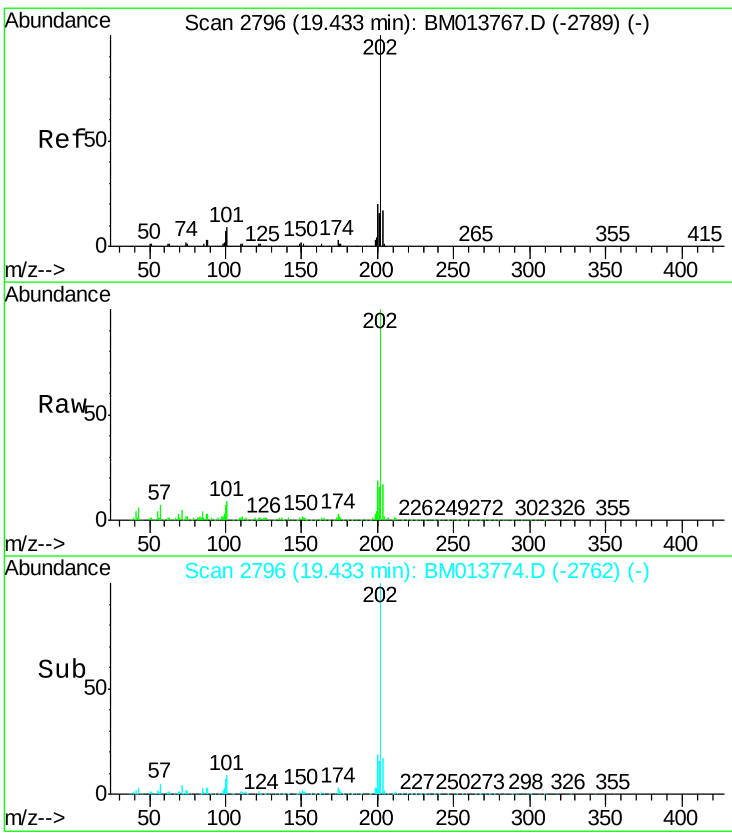
#74
Fluoranthene
Concen: 51.571 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Instrument :
BNA_M
ClientSampleId :
F6B00

Tgt Ion:202 Resp: 2468375

Ion	Ratio	Lower	Upper
202	100		
101	8.3	4.6	7.0#
100	6.1	3.4	5.2#

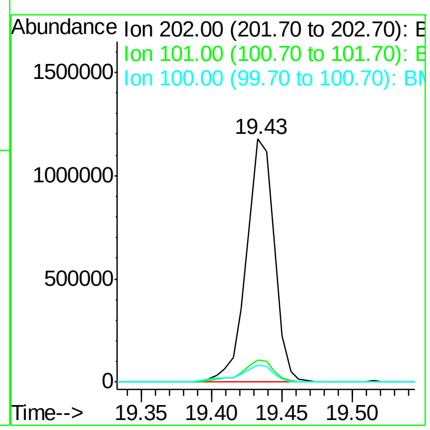


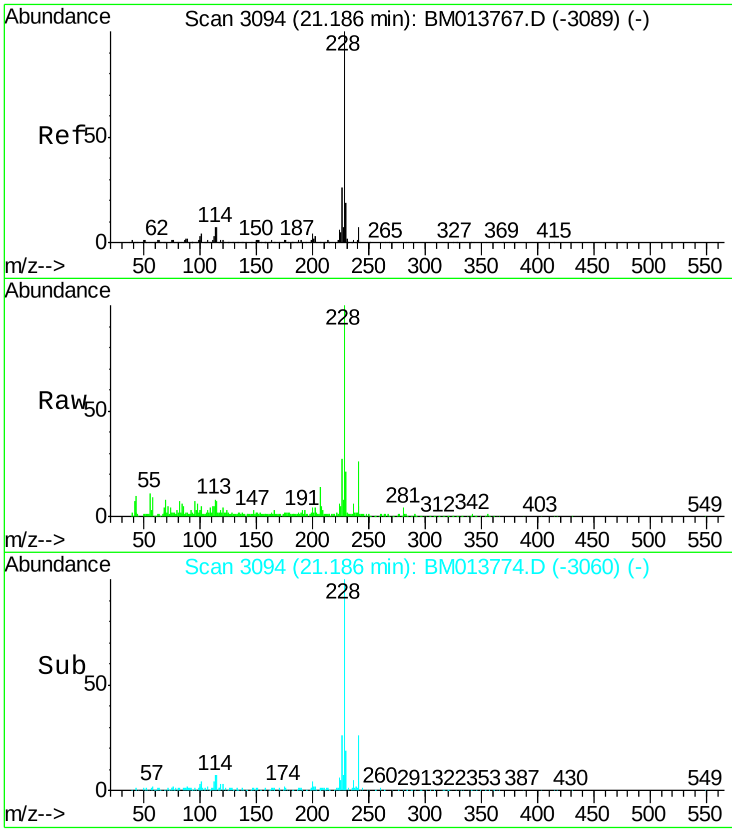


#77
Pyrene
Concen: 36.199 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Tgt Ion:202 Resp: 1638583

Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	7.2	4.9	7.3



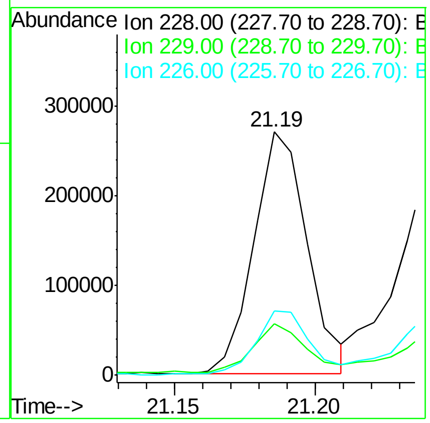


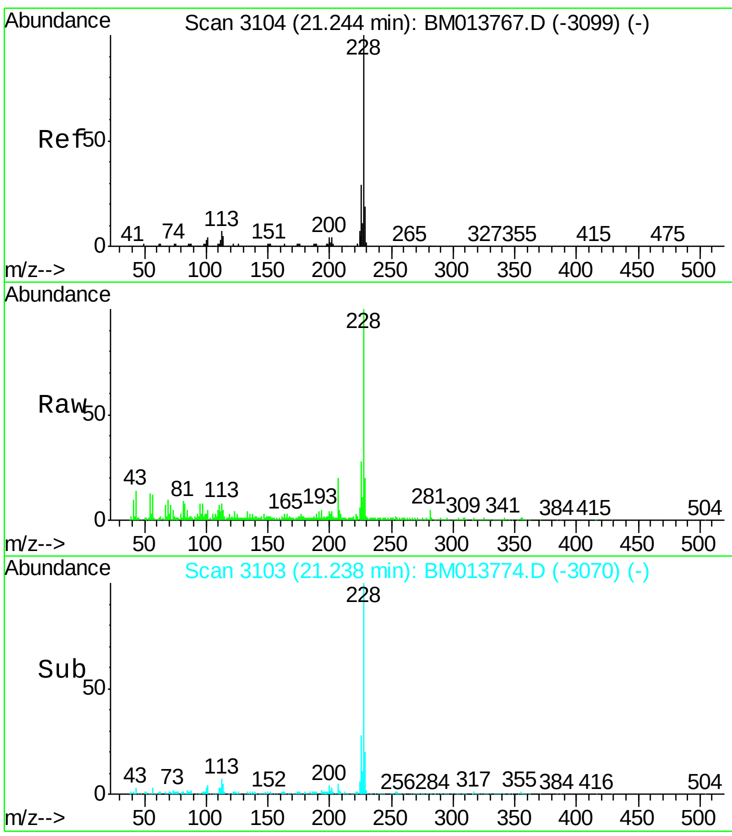
#80
Benzo(a)anthracene
Concen: 7.875 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Instrument :
BNA_M
ClientSampleId :
F6B00

Tgt Ion:228 Resp: 354311

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	26.5	21.4	32.0

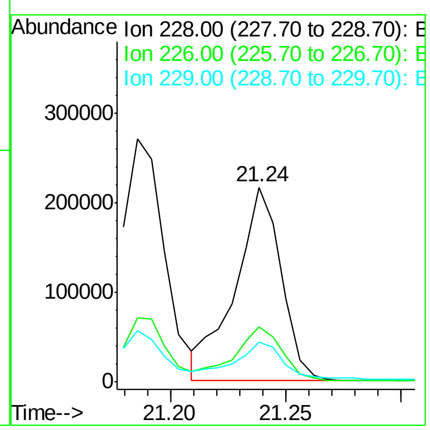


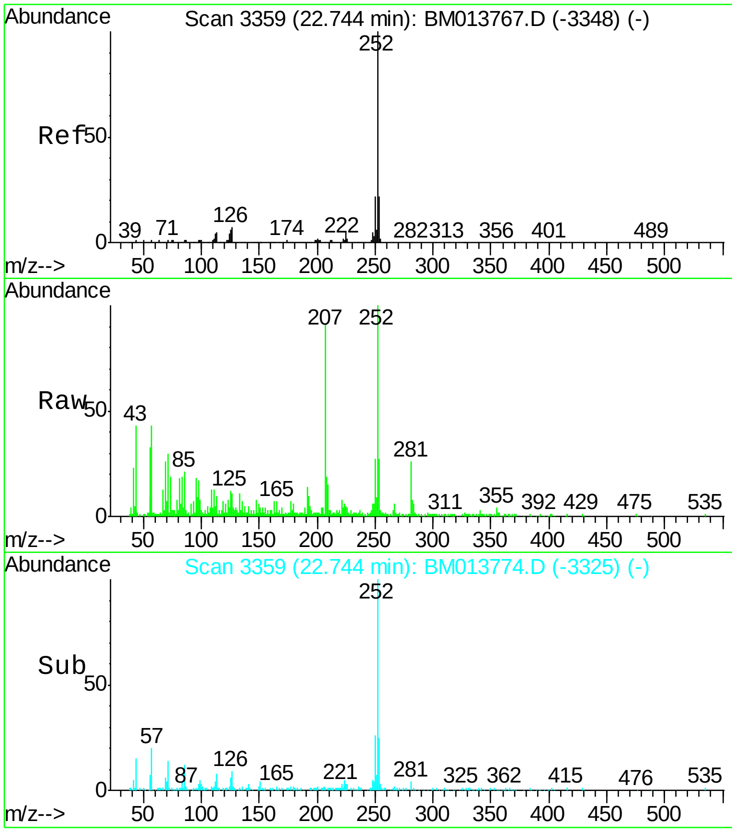


#82
Chrysene
Concen: 7.284 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Tgt Ion:228 Resp: 300633

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	20.5	15.5	23.3



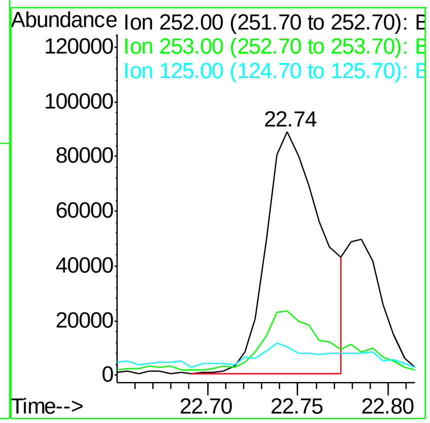


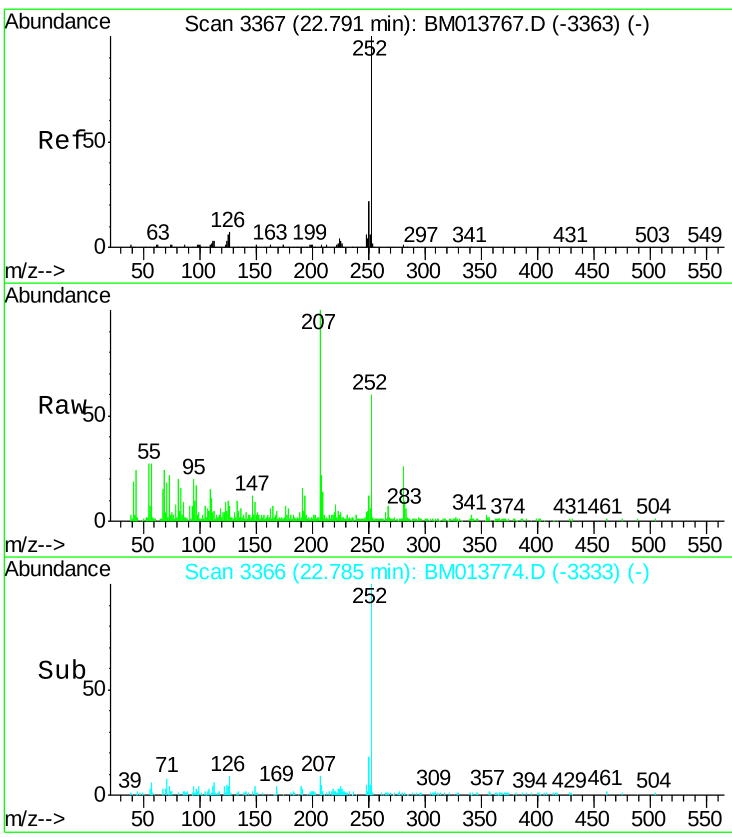
#85
Benzo(b)fluoranthene
Concen: 3.986 ng/ul
RT: 22.74 min   Scan# 3359
Delta R.T.   -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018   18:50

Instrument :
BNA_M
ClientSampleId :
F6B00

Tgt Ion:252 Resp: 191417

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	11.9	3.6	5.4#

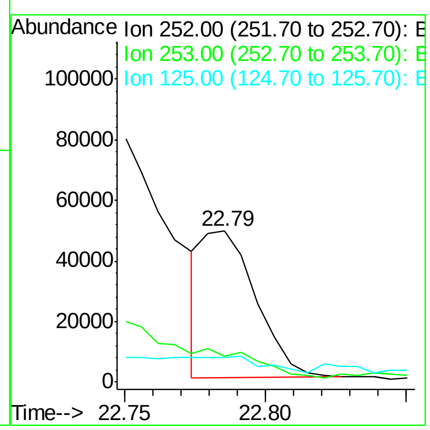


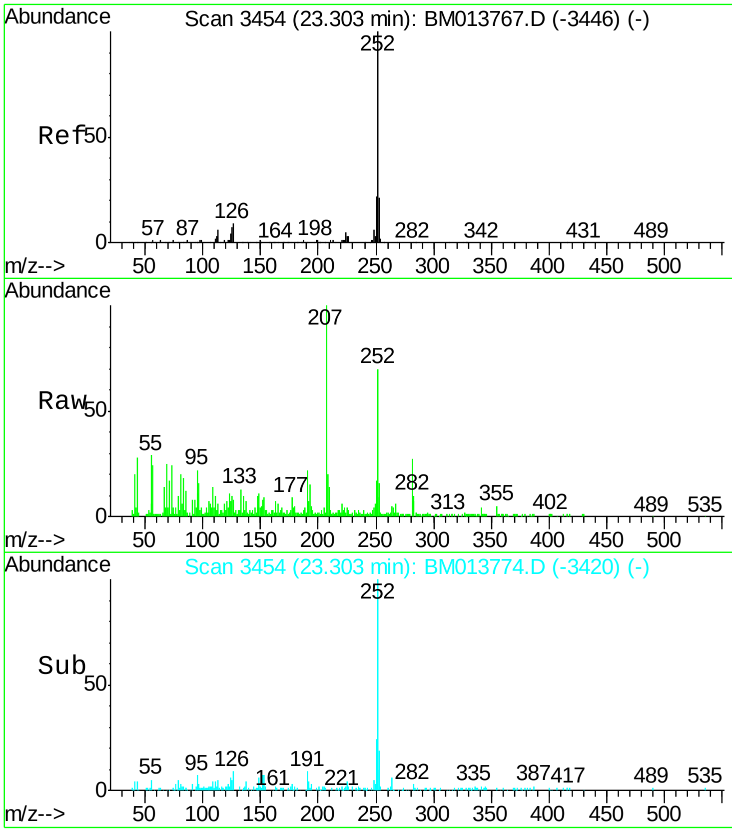


#86
Benzo(k)fluoranthene
Concen: 1.378 ng/ul
RT: 22.79 min   Scan# 3366
Delta R.T.   -0.01 min
Lab File: BM013774.D
Acq: 24 Jan 2018   18:50

Tgt Ion:252 Resp: 63954

Ion	Ratio	Lower	Upper
252	100		
253	17.4	17.1	25.7
125	16.2	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 2.084 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.00 min
Lab File: BM013774.D
Acq: 24 Jan 2018 18:50

Instrument :
BNA_M
ClientSampleId :
F6B00

Tgt Ion:252 Resp: 94559

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	14.6	4.0	6.0#