Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013780.D
Acq On : 24 Jan 2018 22:25
Operator : SJ/JU
Sample : J1223-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B01

Quant Time: Jan 25 03:03:29 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	134496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	522556	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	298829	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	703450	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	791476	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	802477	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	8641	2.54	ng/uL	0.00
5) Phenol-d5	6.78	99	196289	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	120973	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	175608	20.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	148305	18.68	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	84233	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	93746	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	170070	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	207678	28.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	567646	23.05	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	700010	22.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	78714	19.67	ng/ul	0.00
57) Fluorene-d10	15.24	176	508288	23.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	82770	19.55	ng/ul	0.00
70) Anthracene-d10	17.10	188	835928	24.40	ng/ul	0.00
76) Pyrene-d10	19.40	212	1019548	27.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	1009970	27.38	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.81	94	25902	2.501	ng/ul#	88
28) Naphthalene	10.42	128	236440	9.095	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	143935	7.426	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	50778	2.041	ng/ul	98
44) Dimethylphthalate	13.71	163	177757	7.341	ng/ul	98
49) Acenaphthene	14.31	153	122338	6.147	ng/ul	96
53) Dibenzofuran	14.65	168	220311	7.358	ng/ul	94
58) Fluorene	15.30	166	199515	8.135	ng/ul	97
68) Pentachlorophenol	16.66	266	79906	16.814	ng/ul	99
69) Phenanthrene	17.04	178	1367112	34.963	ng/ul	99
71) Anthracene	17.13	178	155701	3.861	ng/ul	97
74) Fluoranthene	19.07	202	1025059	21.962	ng/ul#	94
77) Pyrene	19.43	202	670536	13.936	ng/ul#	94
80) Benzo(a)anthracene	21.19	228	149974	3.136	ng/ul	96
82) Chrysene	21.24	228	125726	2.866	ng/ul	95
85) Benzo(b)fluoranthene	22.74	252	85429	1.733	ng/ul#	92

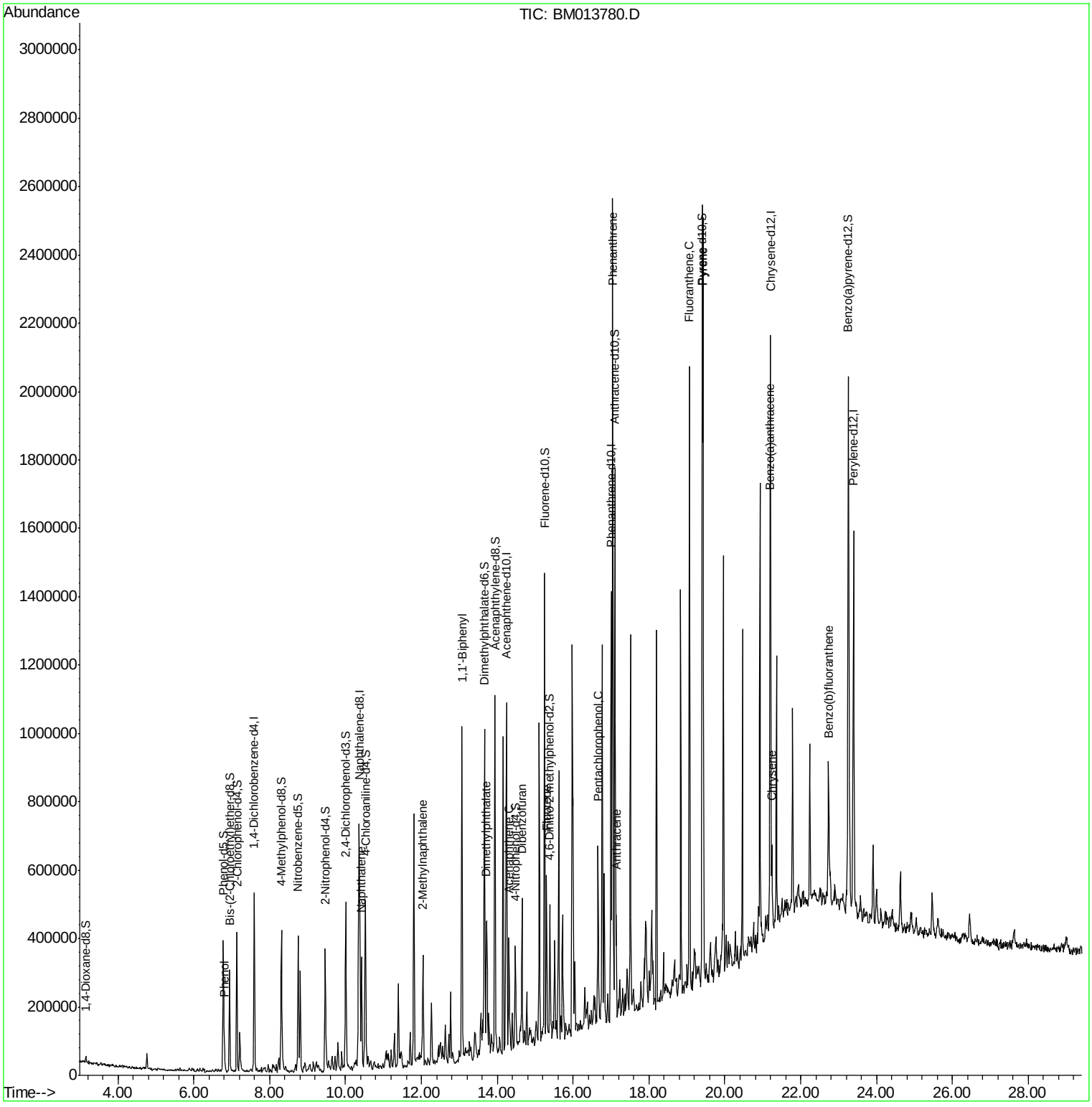
(#) = qualifier out of range (m) = manual integration (+) = signals summed

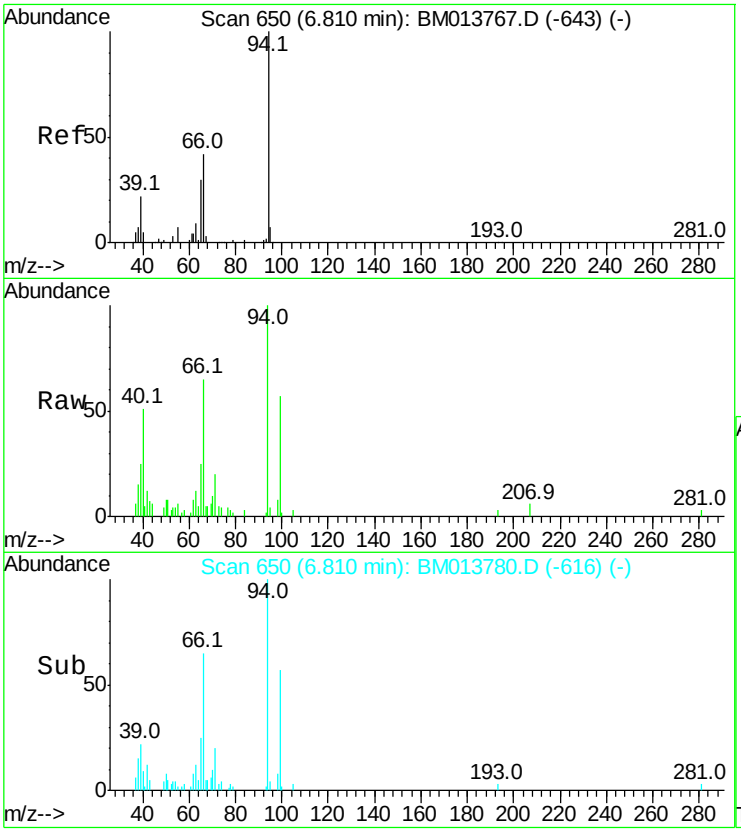
Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013780.D
Acq On : 24 Jan 2018 22:25
Operator : SJ/JU
Sample : J1223-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B01

Quant Time: Jan 25 03:03:29 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



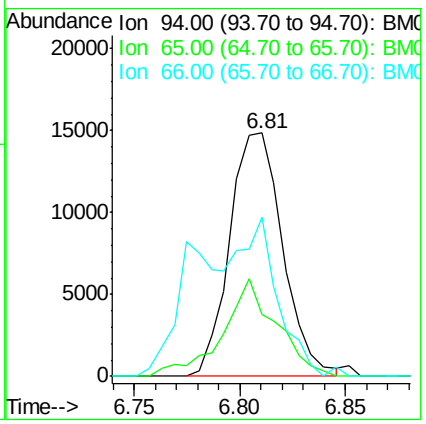


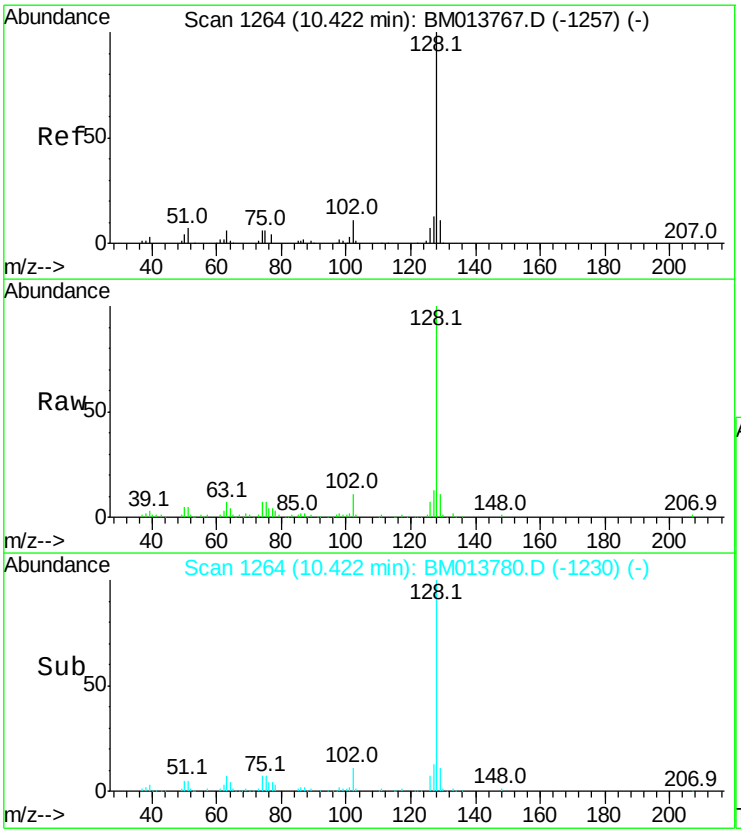
#6
Phenol
Concen: 2.501 ng/ul
RT: 6.81 min Scan# 650
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Instrument :
BNA_M
ClientSampleId :
F6B01

Tgt Ion: 94 Resp: 25902

Ion	Ratio	Lower	Upper
94	100		
65	25.2	28.2	42.4#
66	65.2	47.2	70.8

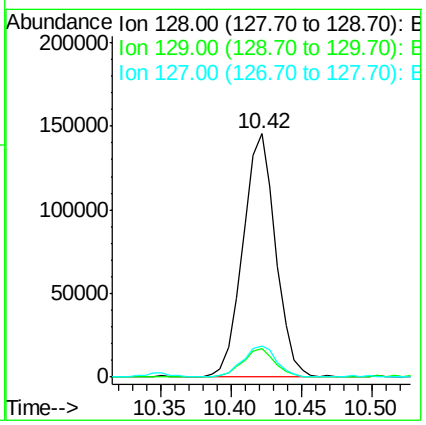


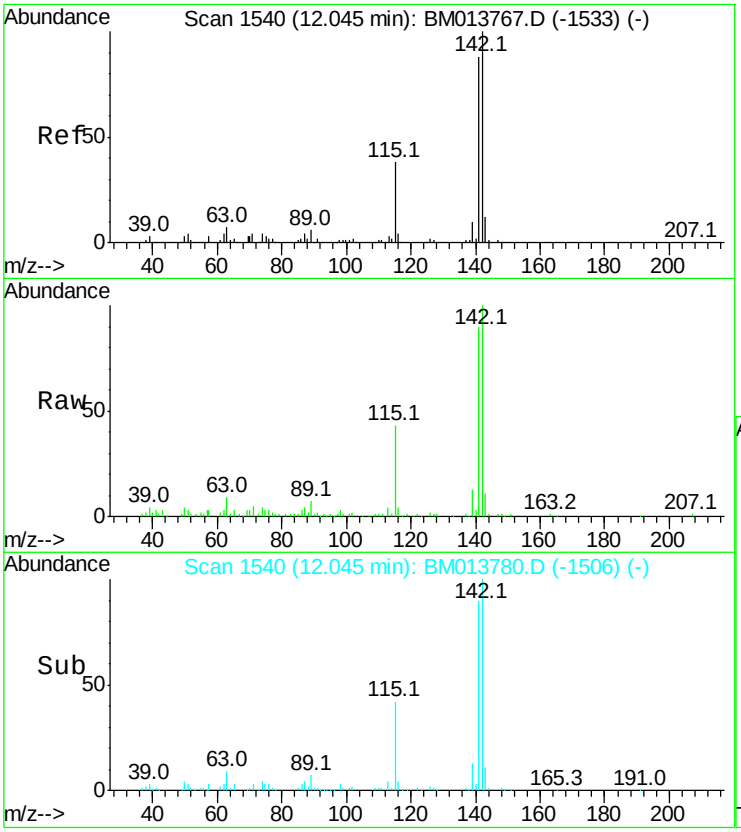


#28
Naphthalene
Concen: 9.095 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Tgt Ion:128 Resp: 236440

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	12.6	10.6	16.0



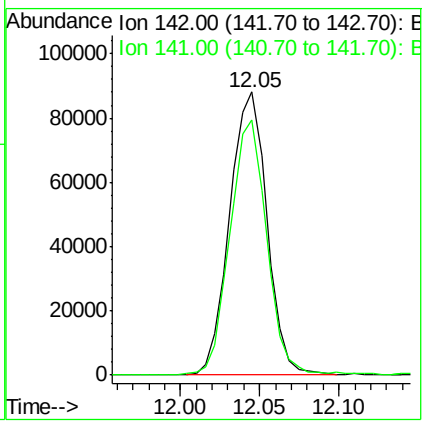


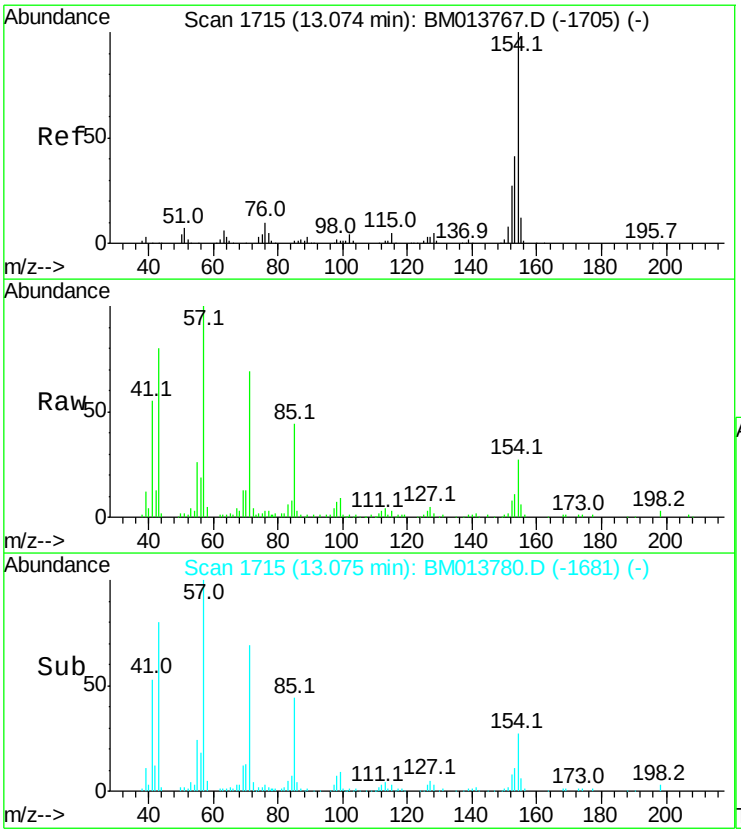
#34
2-Methylnaphthalene
Concen: 7.426 ng/ul
RT: 12.05 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Instrument :
BNA_M
ClientSampleId :
F6B01

Tgt Ion:142 Resp: 143935

Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.1	111.1

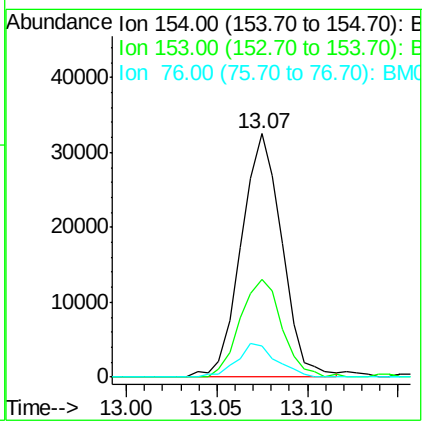


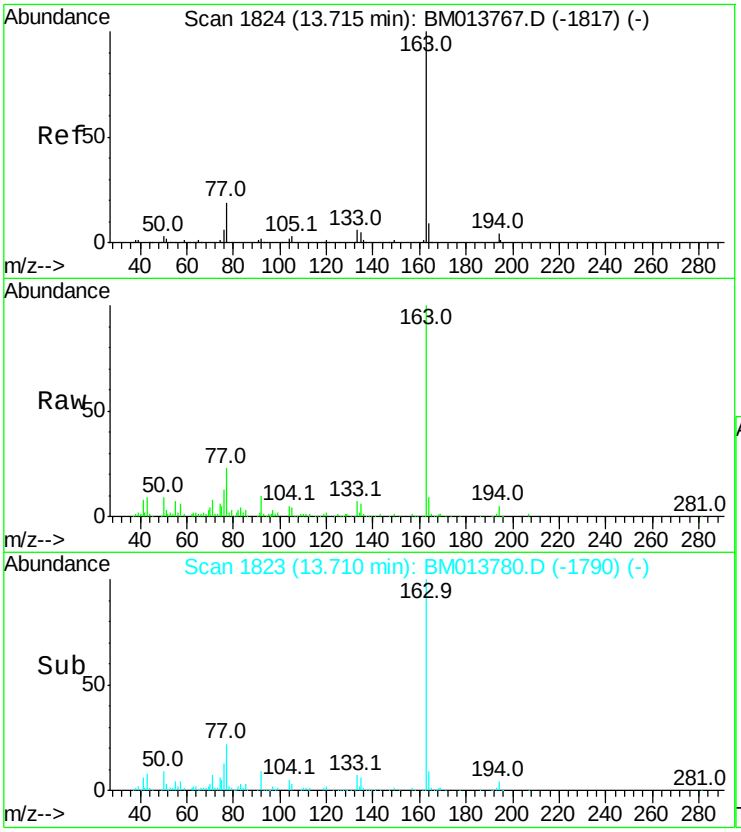


#40
1,1'-Biphenyl
Concen: 2.041 ng/ul
RT: 13.07 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Tgt Ion:154 Resp: 50778

Ion	Ratio	Lower	Upper
154	100		
153	40.3	32.6	48.8
76	12.5	8.5	12.7



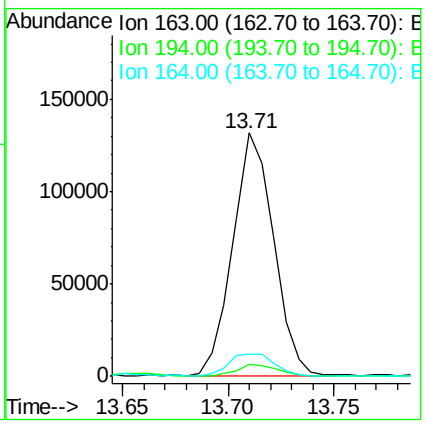


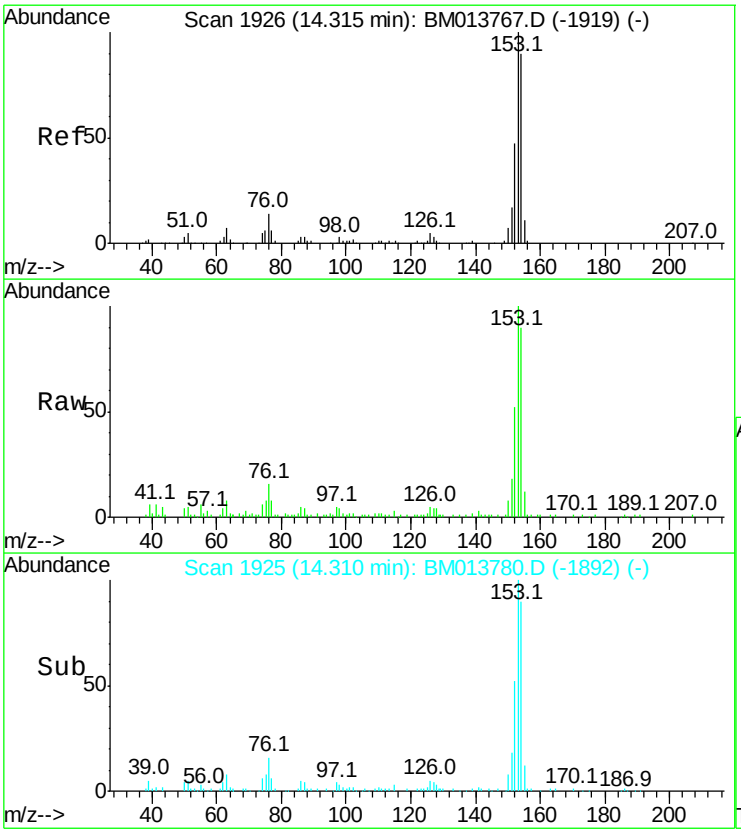
#44
Dimethylphthalate
Concen: 7.341 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Instrument :
BNA_M
ClientSampleId :
F6B01

Tgt Ion:163 Resp: 177757

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	9.2	8.2	12.4

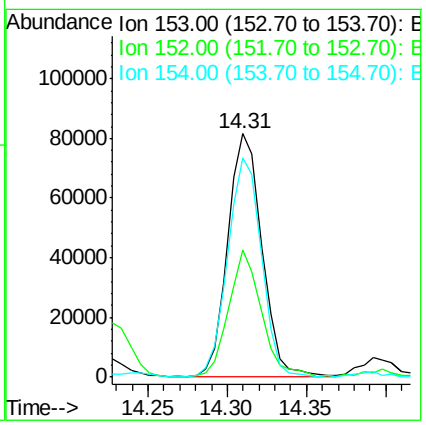


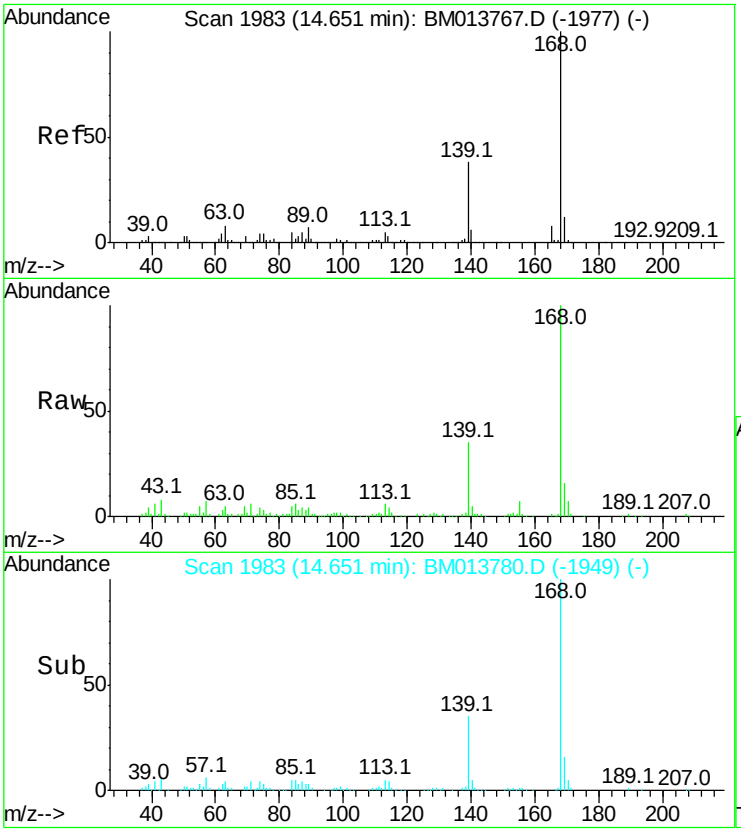


#49
Acenaphthene
Concen: 6.147 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Tgt Ion:153 Resp: 122338

Ion	Ratio	Lower	Upper
153	100		
152	52.0	37.6	56.4
154	90.2	70.4	105.6



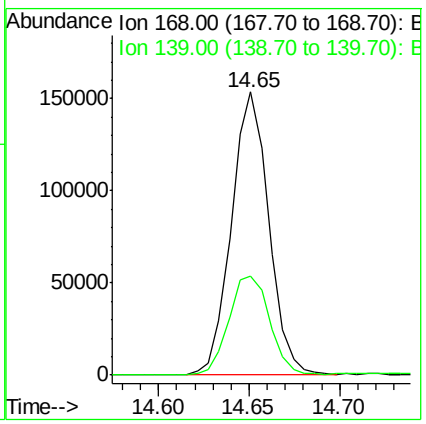


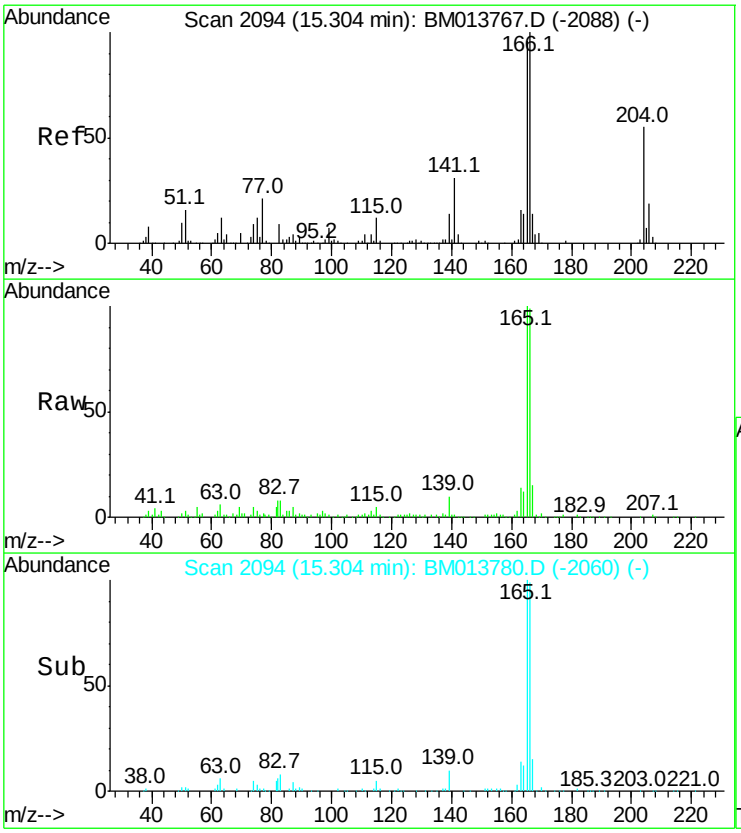
#53
Dibenzofuran
Concen: 7.358 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Instrument : BNA_M
ClientSampleId : F6B01

Tgt Ion:168 Resp: 220311

Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.8	46.2

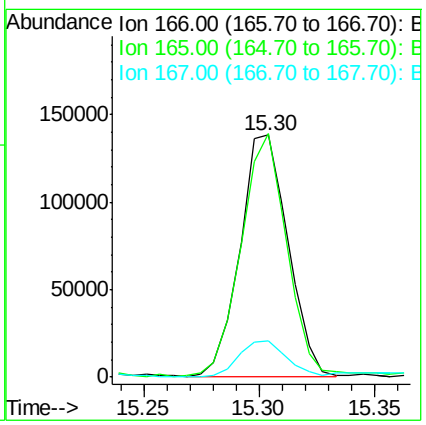


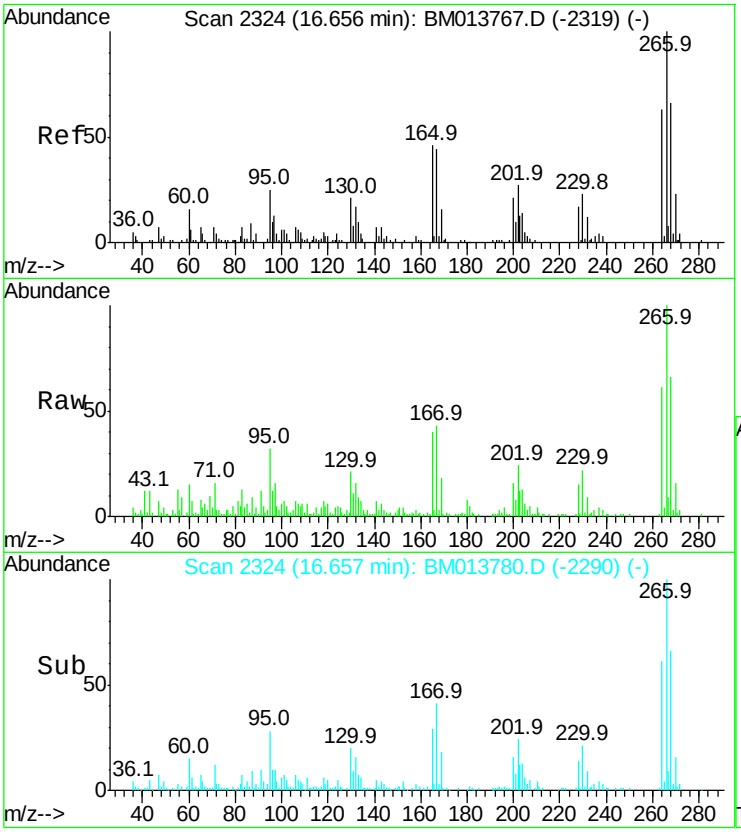


#58
Fluorene
Concen: 8.135 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Tgt Ion:166 Resp: 199515

Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.9	116.9
167	15.1	10.6	16.0



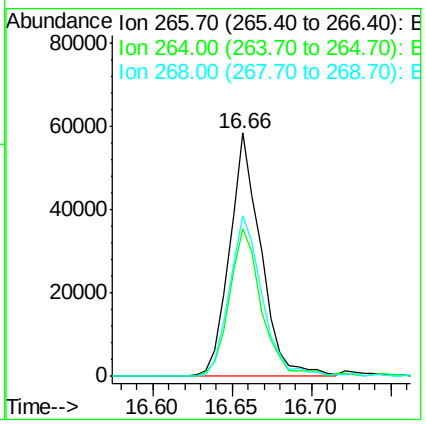


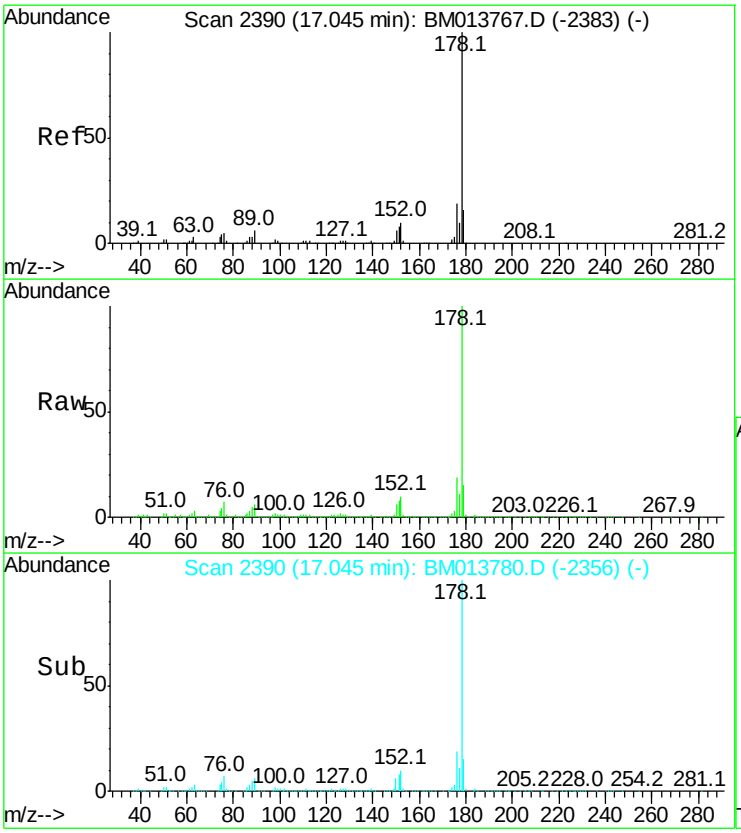
#68
Pentachlorophenol
Concen: 16.814 ng/ul
RT: 16.66 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Instrument :
BNA_M
ClientSampleId :
F6B01

Tgt Ion:266 Resp: 79906

Ion	Ratio	Lower	Upper
266	100		
264	60.8	49.3	73.9
268	65.7	52.6	78.8

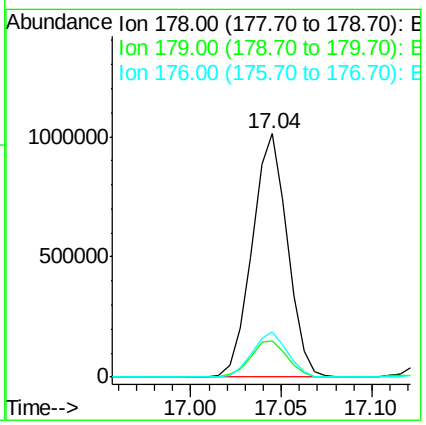


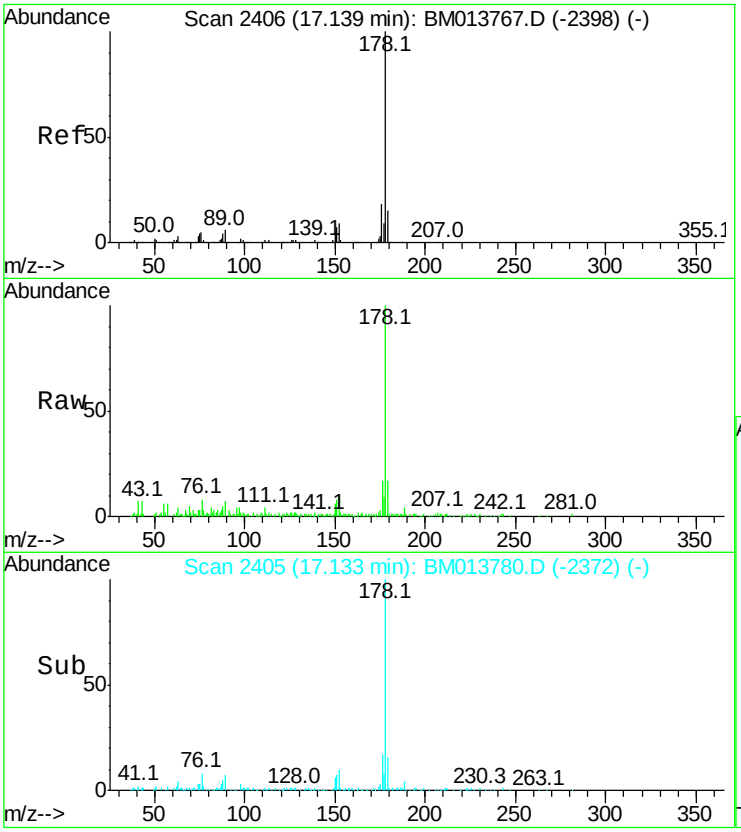


#69
Phenanthrene
Concen: 34.963 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Tgt Ion:178 Resp: 1367112

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	18.5	14.9	22.3



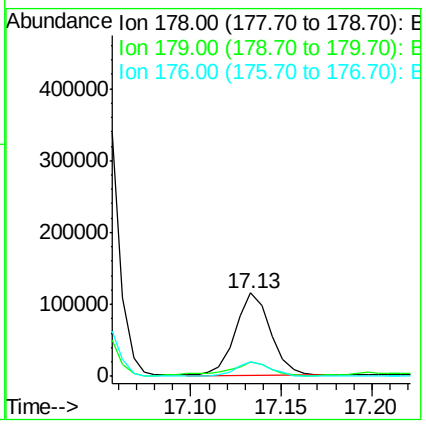


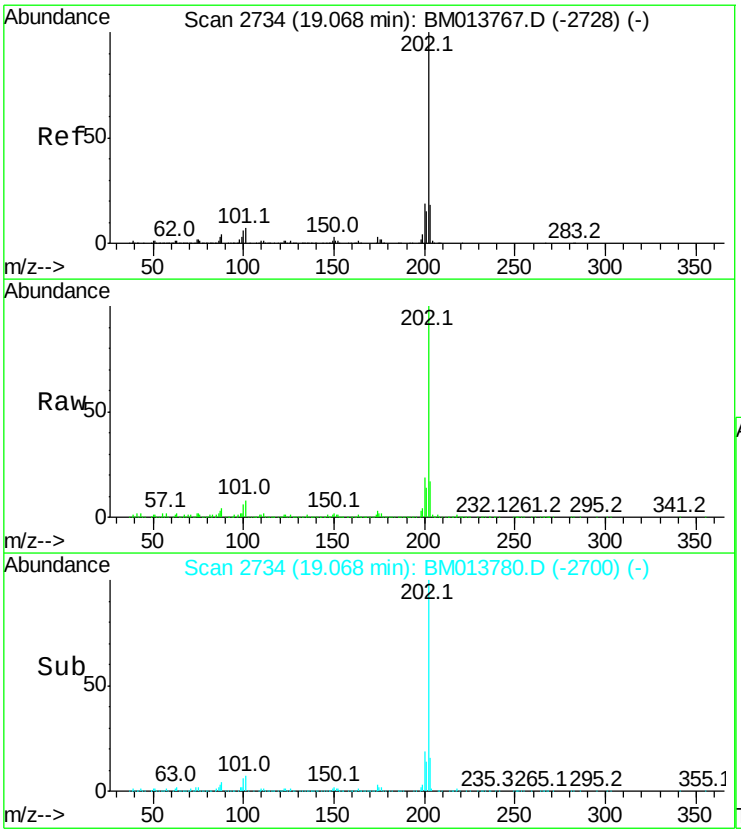
#71
Anthracene
Concen: 3.861 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Instrument :
BNA_M
ClientSampleId :
F6B01

Tgt Ion:178 Resp: 155701

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	17.2	14.6	21.8

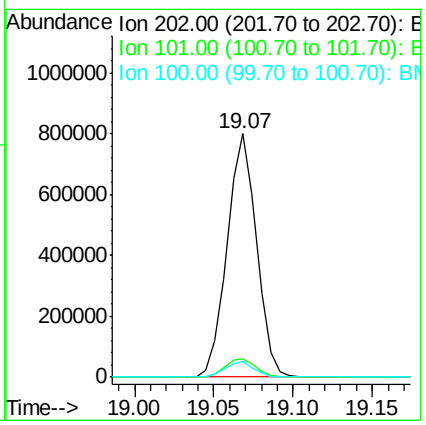


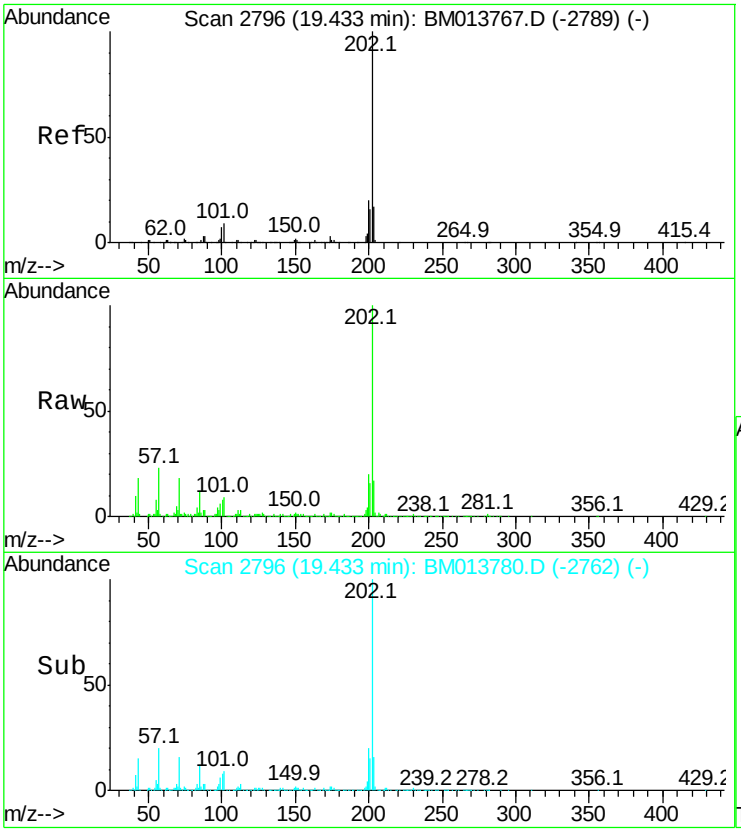


#74
Fluoranthene
Concen: 21.962 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Tgt Ion:202 Resp: 1025059

Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	6.4	3.4	5.2#



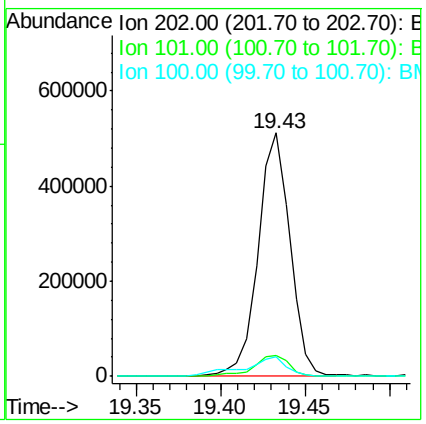


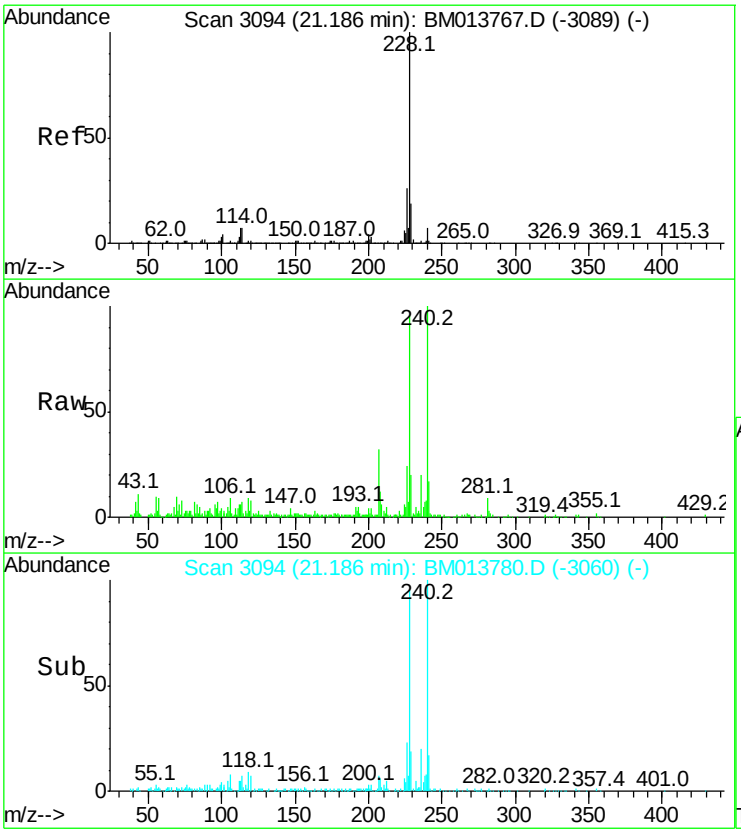
#77
Pyrene
Concen: 13.936 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Instrument :
BNA_M
ClientSampleId :
F6B01

Tgt Ion:202 Resp: 670536

Ion	Ratio	Lower	Upper
202	100		
101	8.6	5.1	7.7#
100	8.1	4.9	7.3#

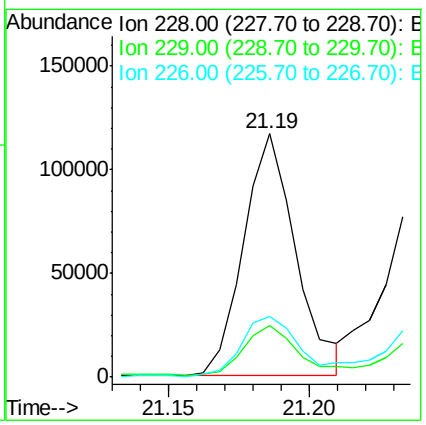


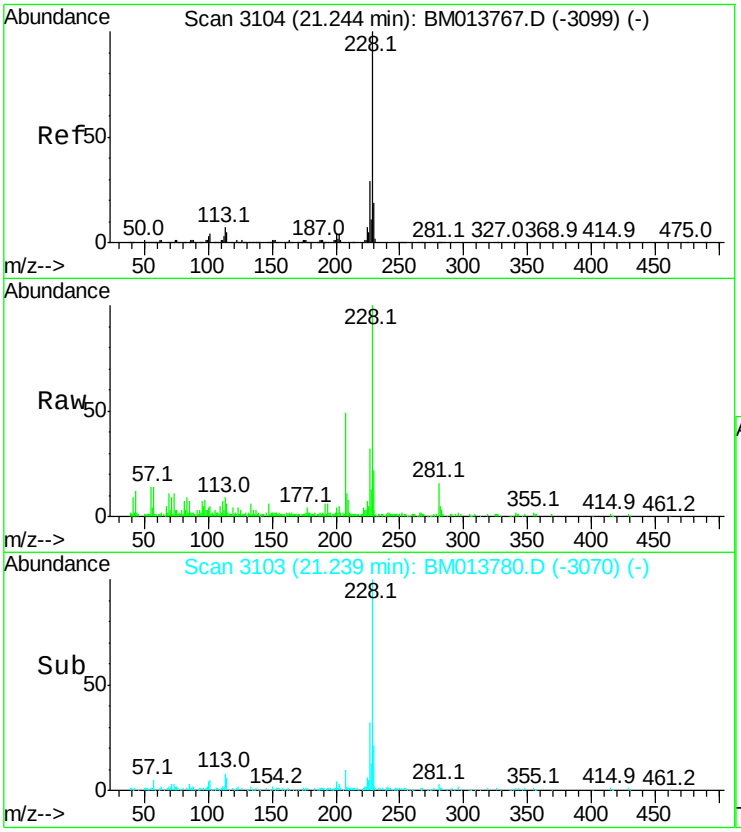


#80
Benzo(a)anthracene
Concen: 3.136 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Tgt Ion:228 Resp: 149974

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	24.9	21.4	32.0



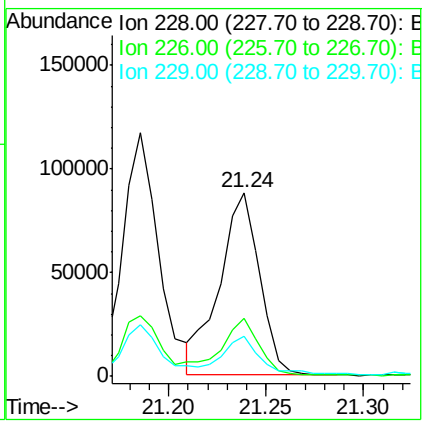


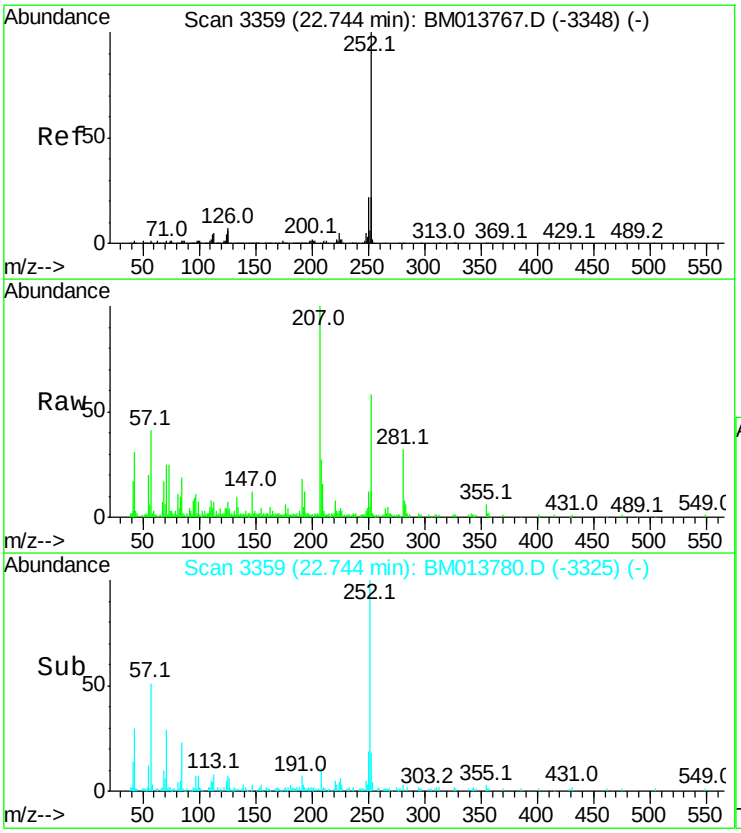
#82
Chrysene
Concen: 2.866 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Instrument :
BNA_M
ClientSampleId :
F6B01

Tgt Ion:228 Resp: 125726

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.2
229	22.0	15.5	23.3





#85
Benzo(b)fluoranthene
Concen: 1.733 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM013780.D
Acq: 24 Jan 2018 22:25

Tgt Ion:252 Resp: 85429

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.9	26.9
125	12.4	3.6	5.4#