Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 25 00:32:51 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	7.59	152	127624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	511186	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	309515	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	687067	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	740506	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	770445	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	8844	2.74	ng/uL	0.00
5) Phenol-d5	6.78	99	206370	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	131316	22.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	182663	22.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	145510	19.32	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	93518	23.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	102575	24.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	181074	22.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	208274	29.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	584342	22.91	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	749054	23.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	76578	18.47	ng/ul	0.00
57) Fluorene-d10	15.25	176	539470	24.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	74062	17.91	ng/ul	0.00
70) Anthracene-d10	17.10	188	841533	25.15	ng/ul	0.00
76) Pyrene-d10	19.40	212	957968	27.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	925422	26.13	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.81	94	29542	3.006	ng/ul#	87
28) Naphthalene	10.42	128	57312	2.254	ng/ul#	94
32) Caprolactam	11.40	113	28011	12.904	ng/ul	77
34) 2-Methylnaphthalene	12.04	142	305528	16.114	ng/ul	90
44) Dimethylphthalate	13.72	163	217561	8.674	ng/ul	98
49) Acenaphthene	14.32	153	562516	27.289	ng/ul	98
53) Dibenzofuran	14.65	168	595267	19.196	ng/ul	99
58) Fluorene	15.30	166	628372	24.737	ng/ul	98
68) Pentachlorophenol	16.66	266	8934	1.925	ng/ul	91
69) Phenanthrene	17.04	178	3281756	85.930	ng/ul	99
71) Anthracene	17.14	178	518004	13.150	ng/ul	98
74) Fluoranthene	19.07	202	2451230	53.769	ng/ul#	95
77) Pyrene	19.43	202	1663285	36.947	ng/ul#	93
80) Benzo(a)anthracene	21.19	228	346397	7.742	ng/ul	97
82) Chrysene	21.24	228	304102	7.408	ng/ul	99
85) Benzo(b)fluoranthene	22.74	252	195917	4.141	ng/ul#	93
86) Benzo(k)fluoranthene	22.78	252	64555	1.412	ng/ul#	87
88) Benzo(a)pyrene	23.30	252	91983	2.058	ng/ul#	93

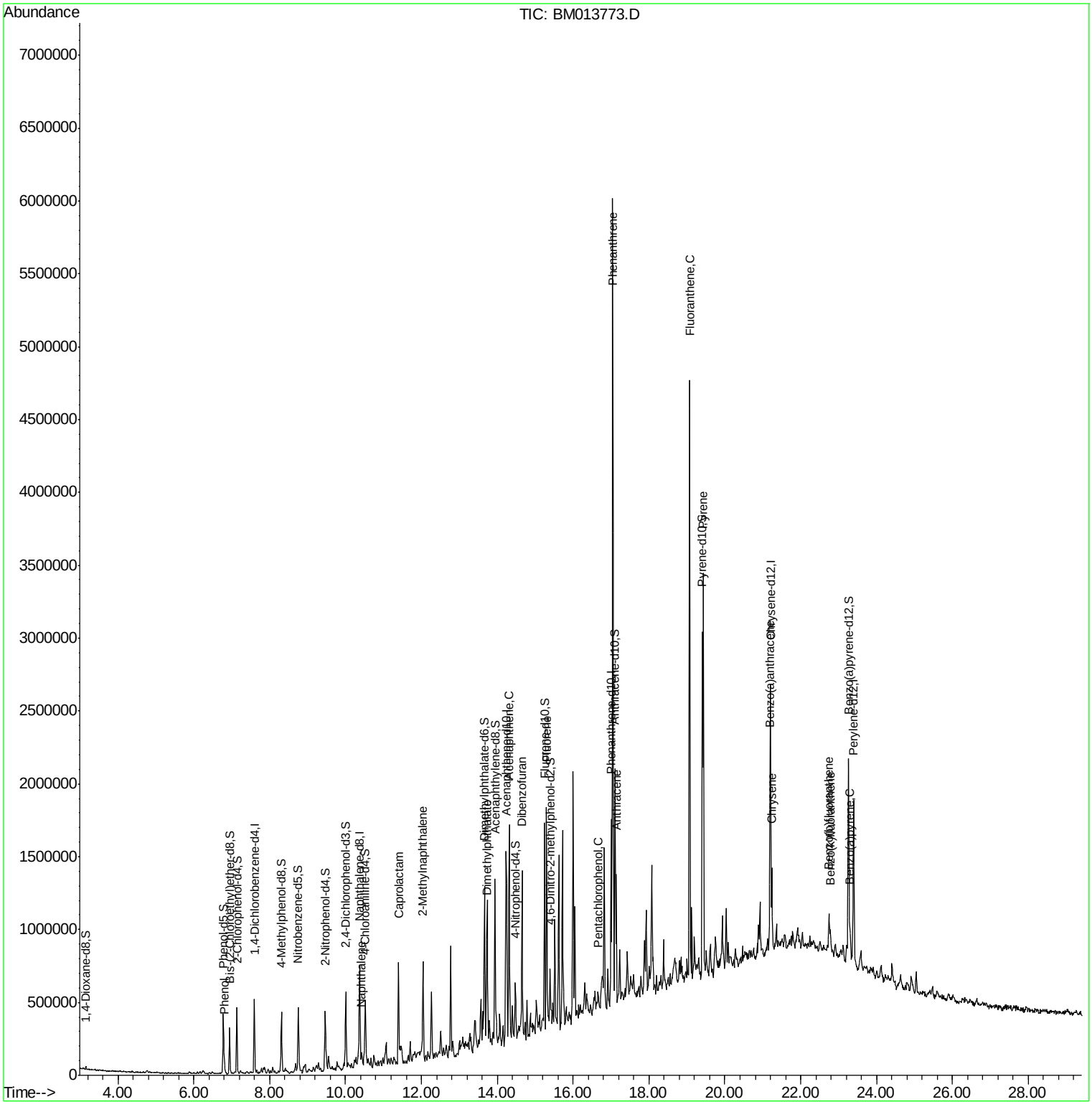
(#) = qualifier out of range (m) = manual integration (+) = signals summed

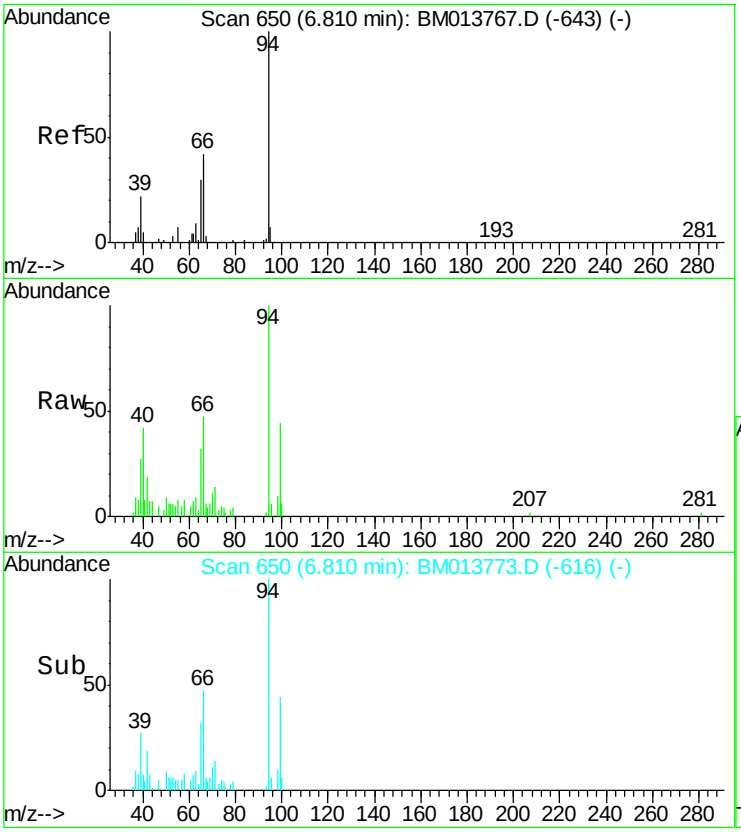
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 25 00:32:51 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



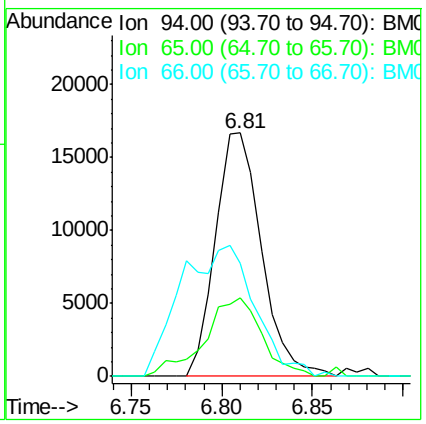


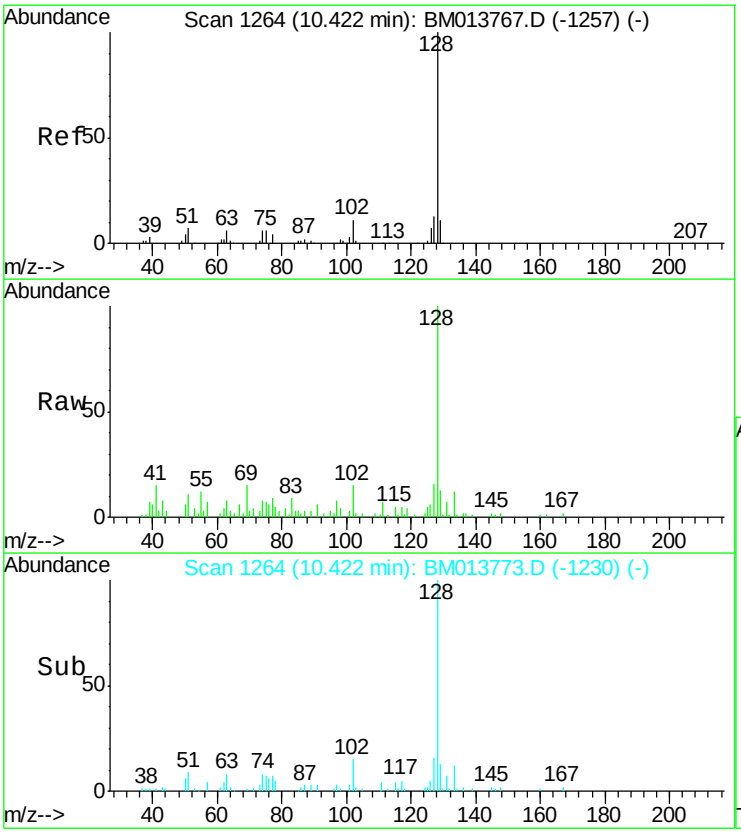
#6
Phenol
Concen: 3.006 ng/ul
RT: 6.81 min Scan# 650
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 29542

Ion	Ratio	Lower	Upper
94	100		
65	32.0	28.2	42.4
66	46.5	47.2	70.8#

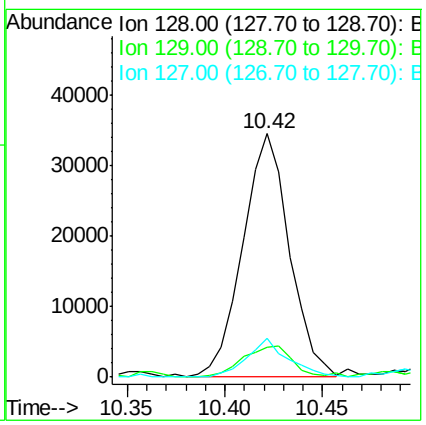


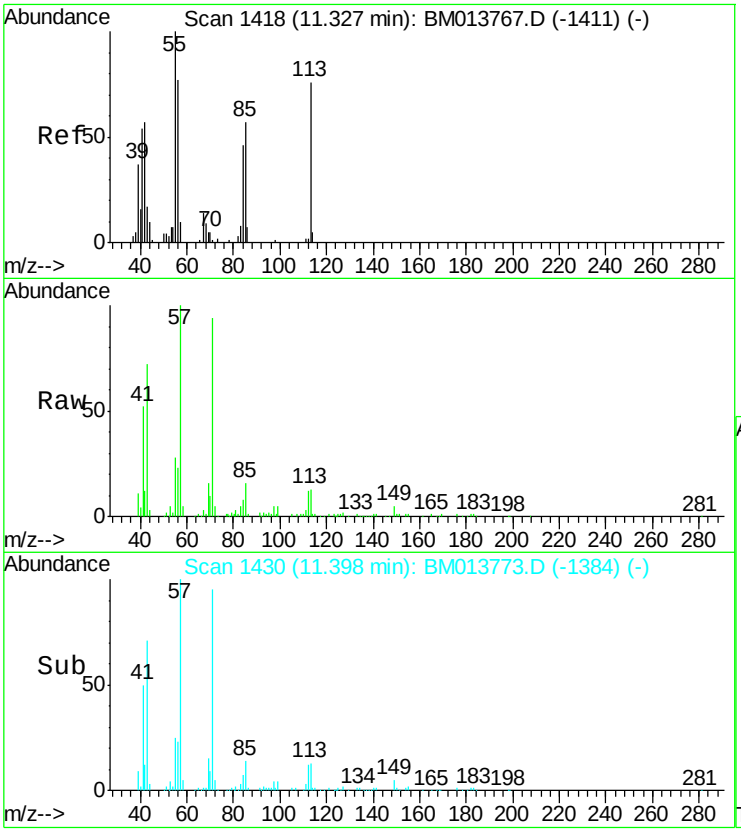


#28
Naphthalene
Concen: 2.254 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Tgt Ion:128 Resp: 57312

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.8	13.2
127	16.1	10.6	16.0#



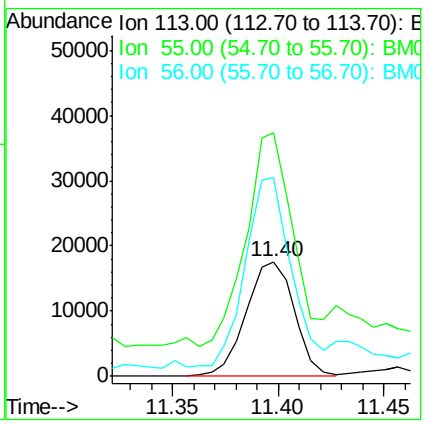


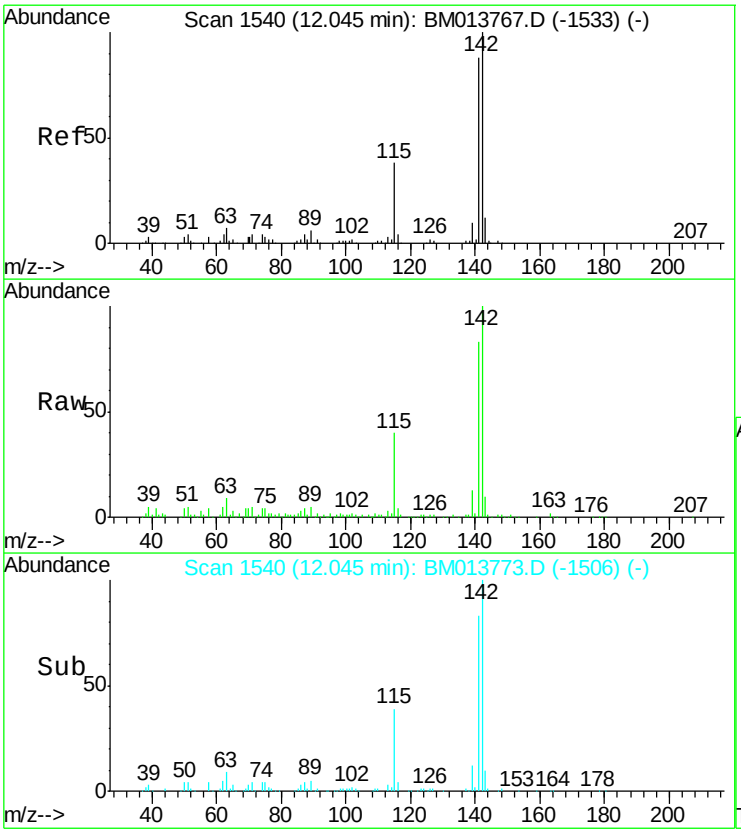
#32
Caprolactam
Concen: 12.904 ng/ul
RT: 11.40 min Scan# 1430
Delta R.T. 0.07 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 28011

Ion	Ratio	Lower	Upper
113	100		
55	212.5	208.0	312.0
56	173.9	160.0	240.0

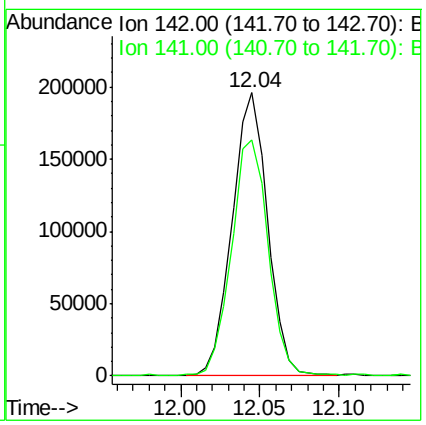


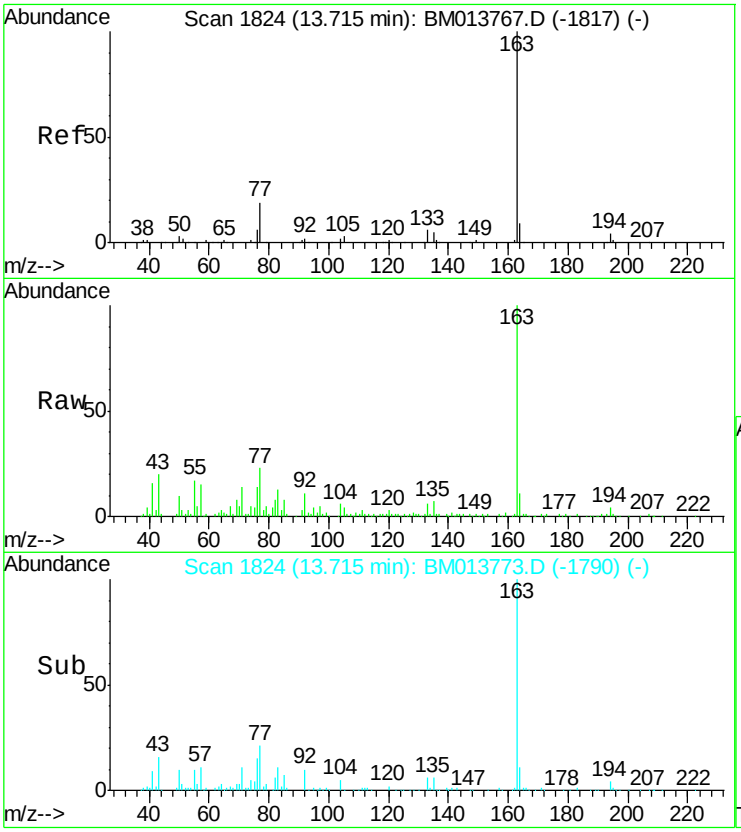


#34
2-Methylnaphthalene
Concen: 16.114 ng/ul
RT: 12.04 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Tgt Ion:142 Resp: 305528

Ion	Ratio	Lower	Upper
142	100		
141	83.2	74.1	111.1



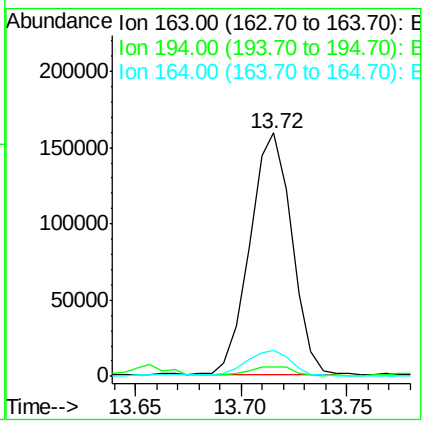


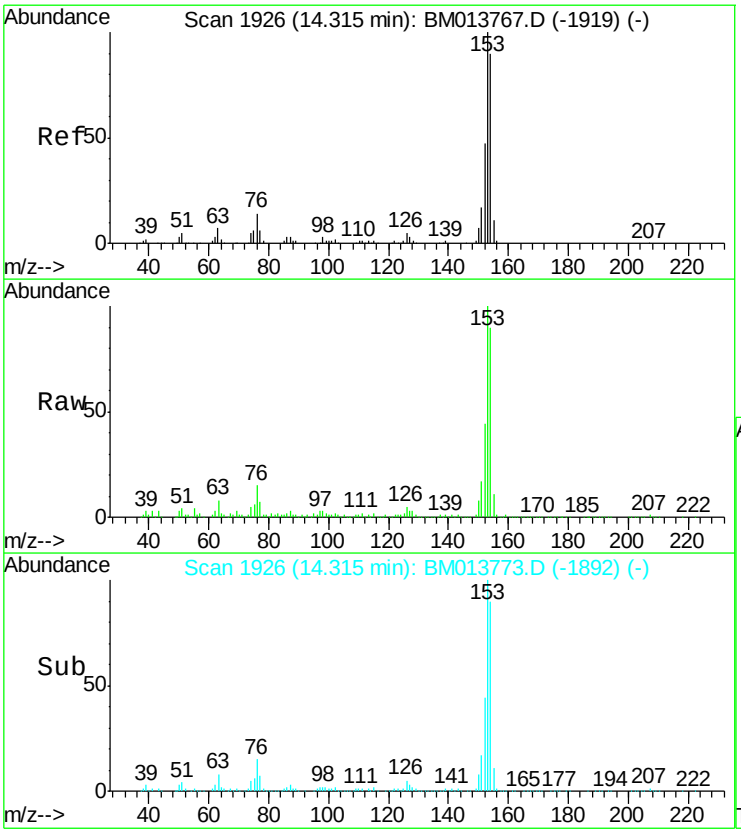
#44
Dimethylphthalate
Concen: 8.674 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 217561

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.9	8.2	12.4

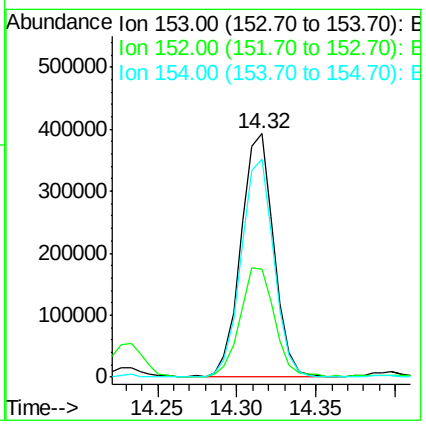


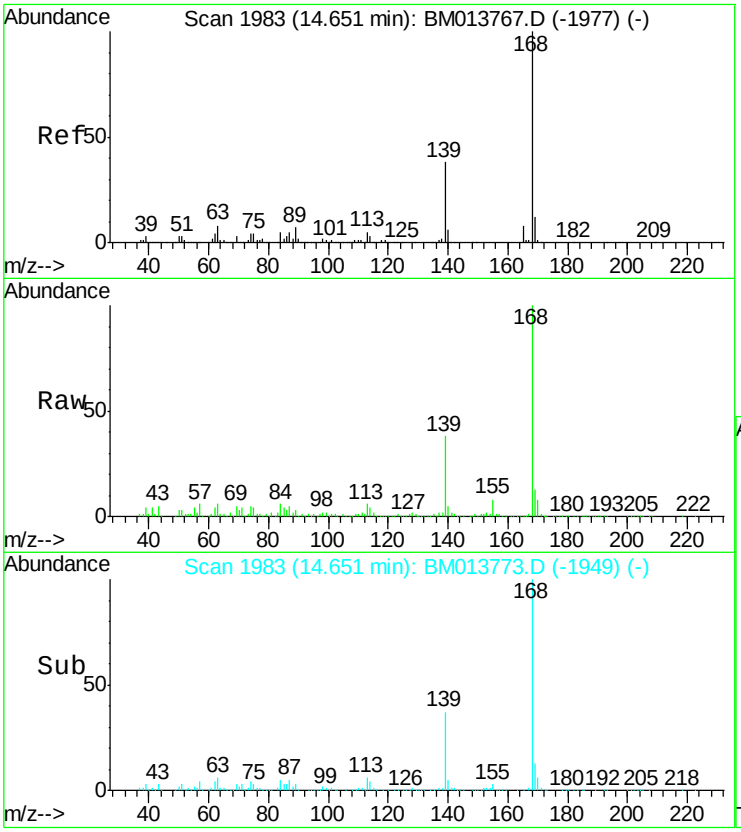


#49
Acenaphthene
Concen: 27.289 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Tgt Ion:153 Resp: 562516

Ion	Ratio	Lower	Upper
153	100		
152	44.5	37.6	56.4
154	89.6	70.4	105.6



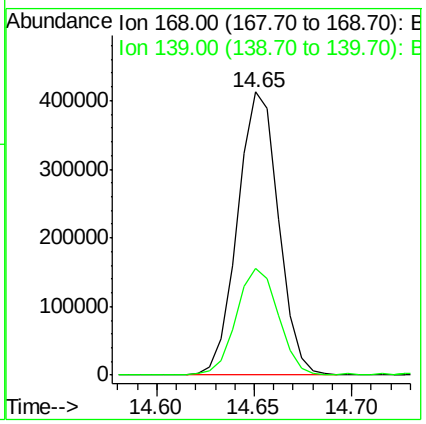


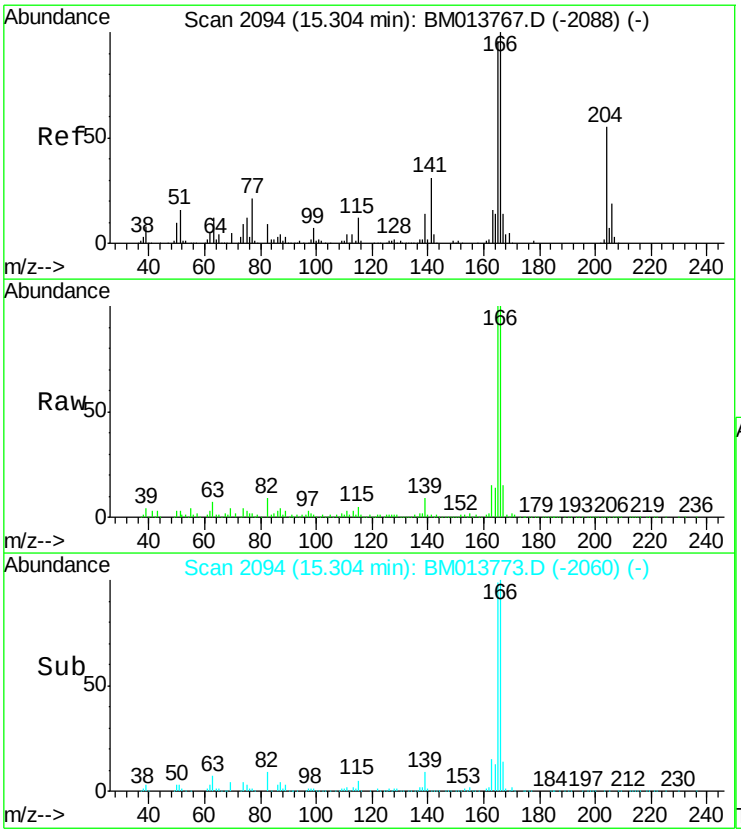
#53
Dibenzofuran
Concen: 19.196 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 595267

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.8	46.2

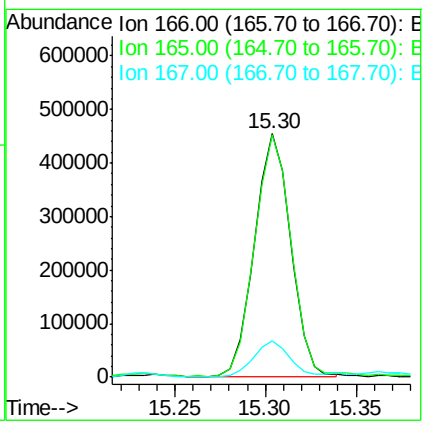


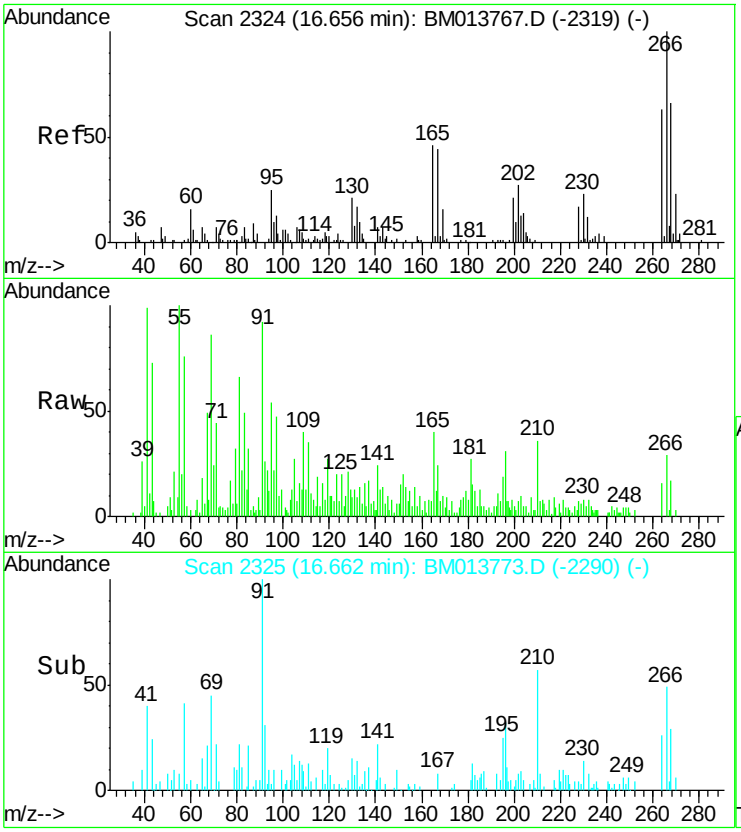


#58
Fluorene
Concen: 24.737 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Tgt Ion:166 Resp: 628372

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.9	116.9
167	15.0	10.6	16.0



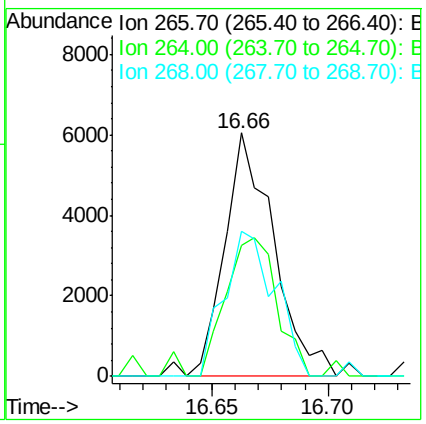


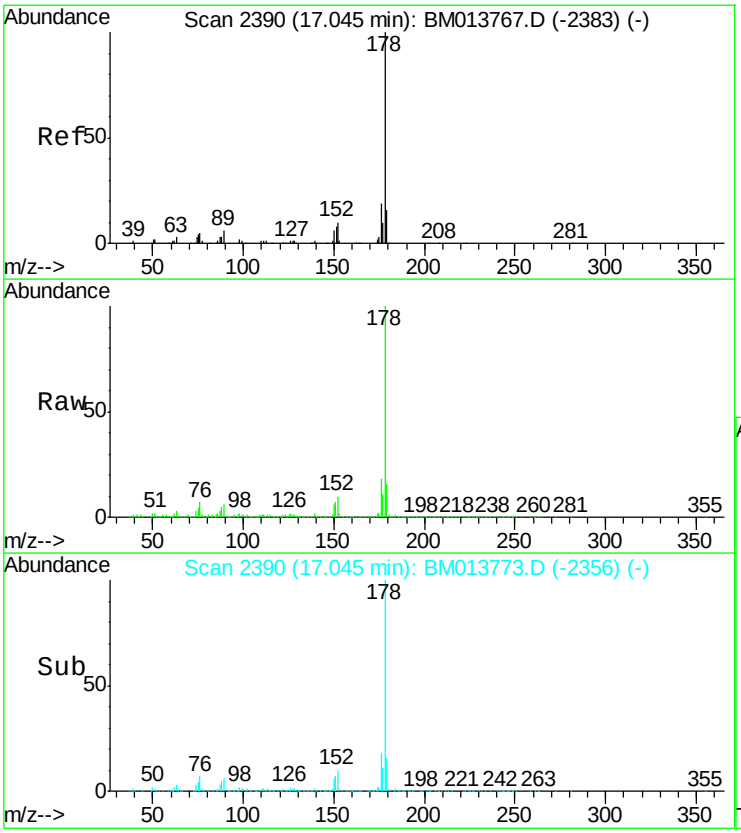
#68
Pentachlorophenol
Concen: 1.925 ng/ul
RT: 16.66 min Scan# 2325
Delta R.T. 0.01 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 8934

Ion	Ratio	Lower	Upper
266	100		
264	53.6	49.3	73.9
268	59.8	52.6	78.8

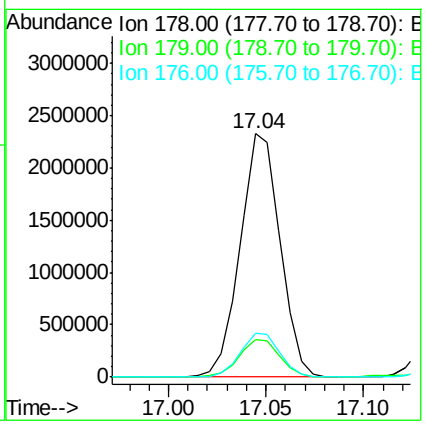


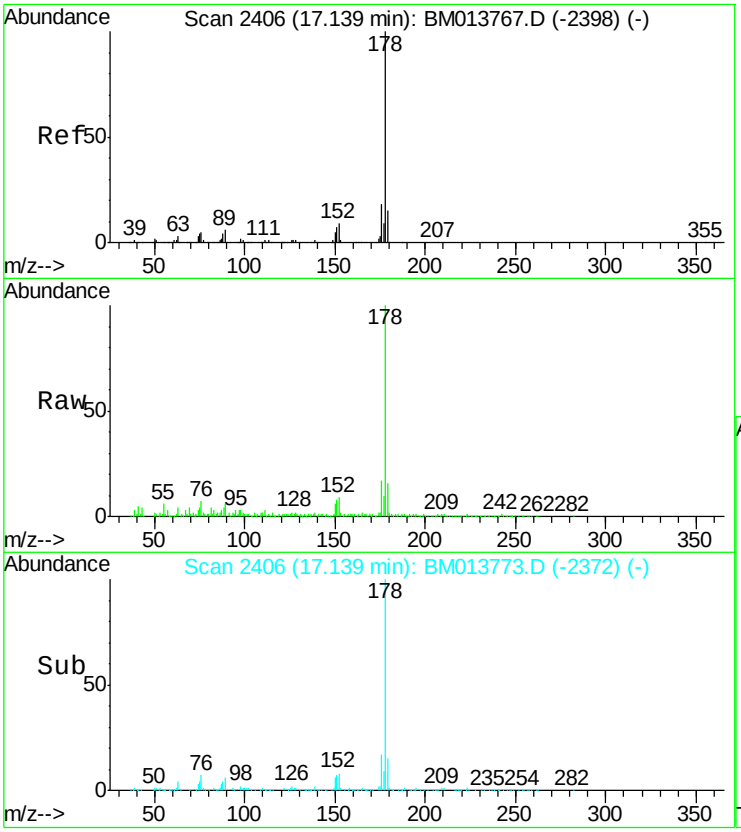


#69
Phenanthrene
Concen: 85.930 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Tgt Ion:178 Resp: 3281756

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	17.9	14.9	22.3



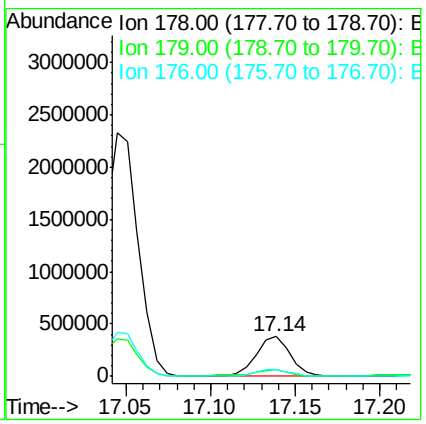


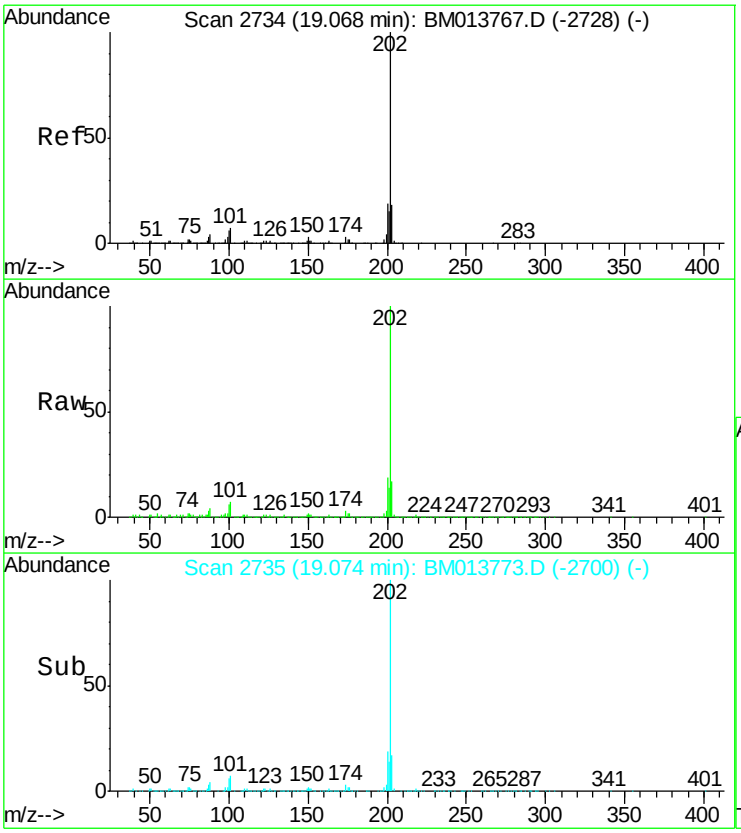
#71
Anthracene
Concen: 13.150 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 518004

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	17.5	14.6	21.8

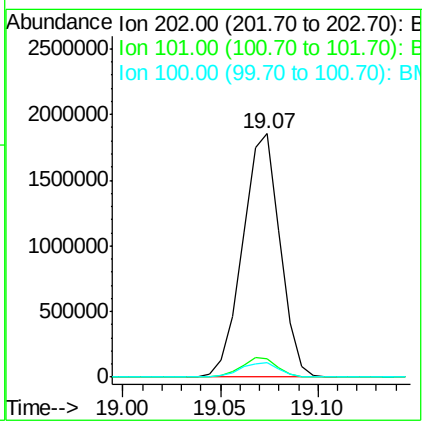


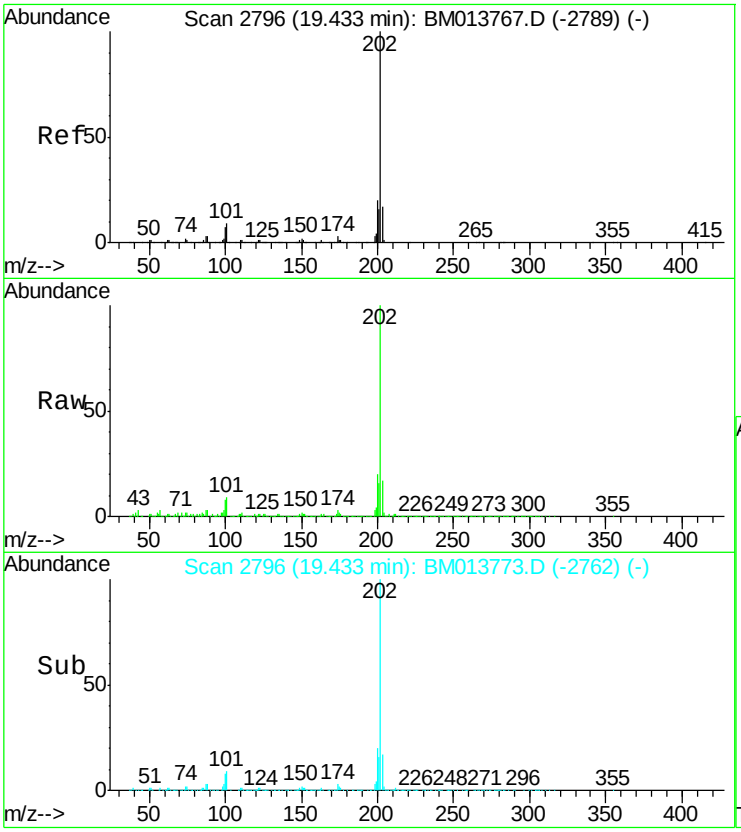


#74
Fluoranthene
Concen: 53.769 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Tgt Ion:202 Resp: 2451230

Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.6	7.0#
100	5.8	3.4	5.2#



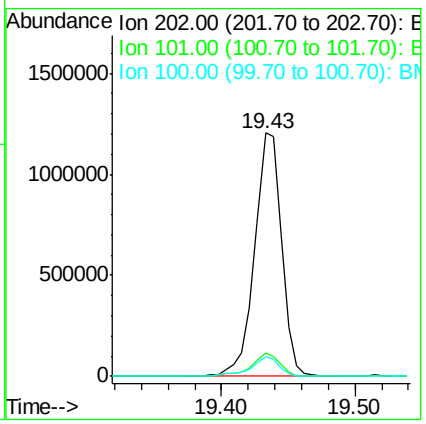


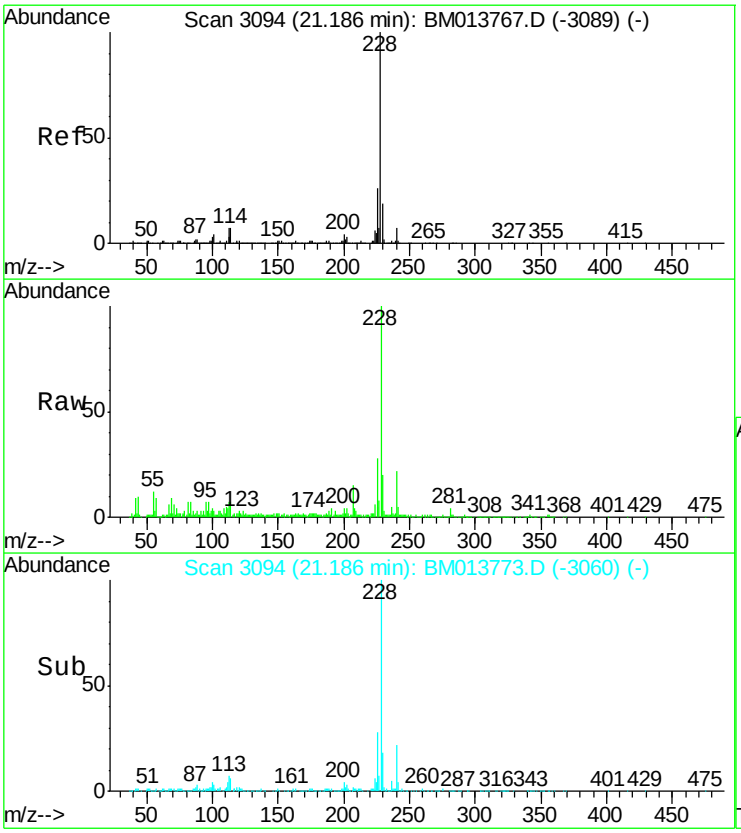
#77
Pyrene
Concen: 36.947 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1663285

Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	8.0	4.9	7.3#

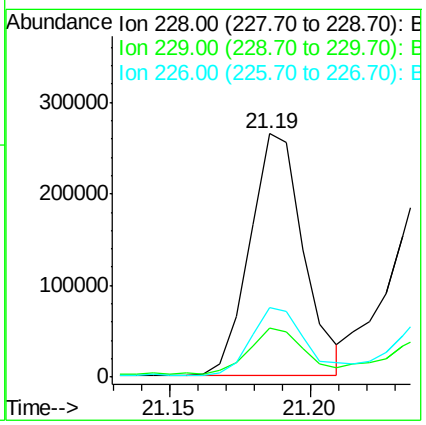


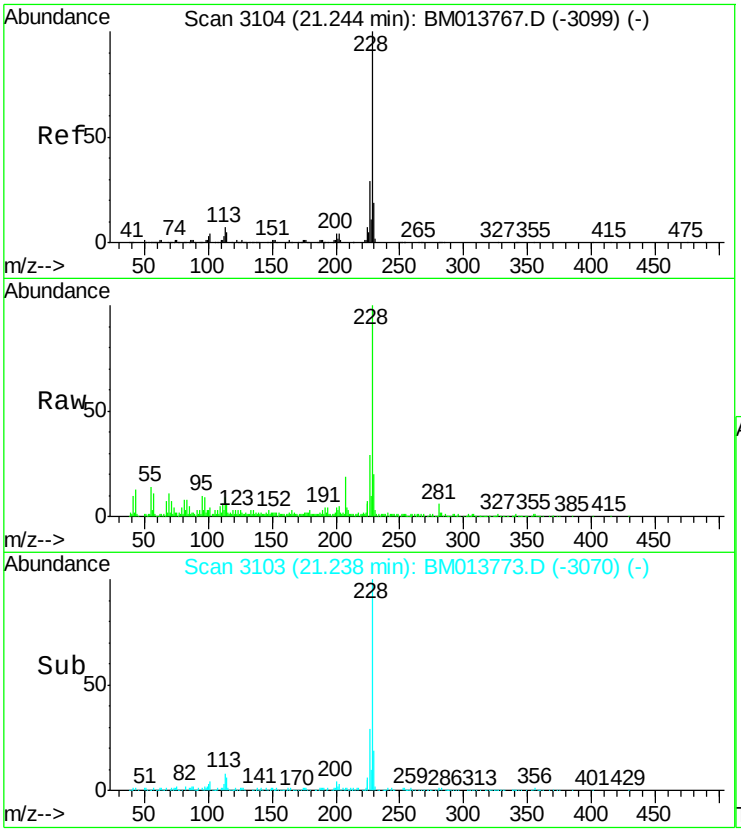


#80
Benzo(a)anthracene
Concen: 7.742 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Tgt Ion:228 Resp: 346397

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.0
226	28.4	21.4	32.0



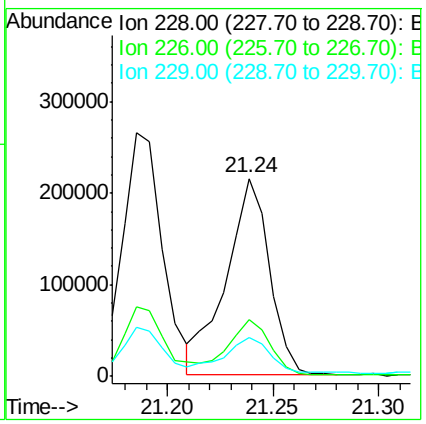


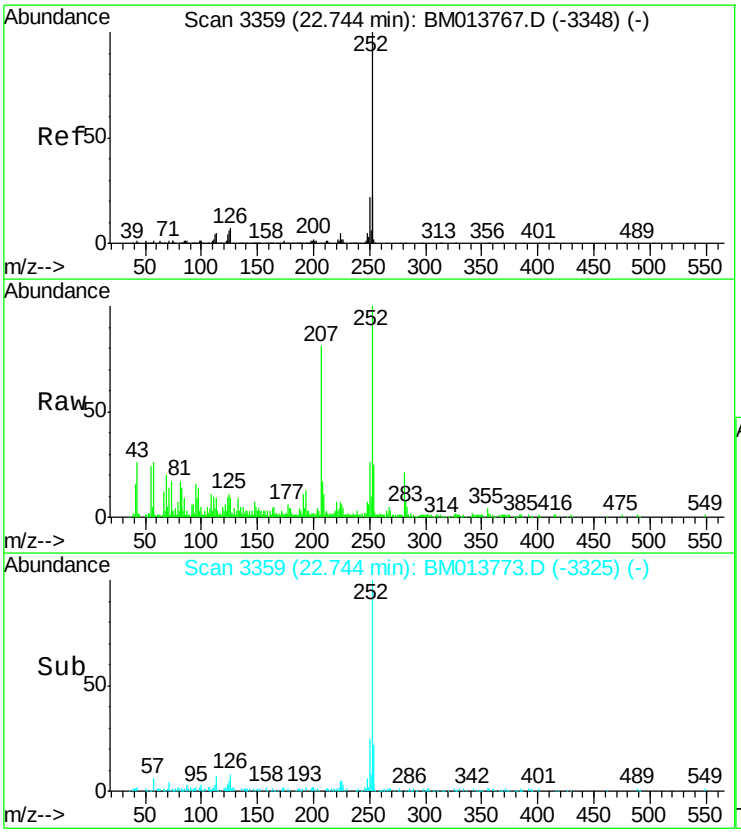
#82
Chrysene
Concen: 7.408 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 304102

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	19.9	15.5	23.3

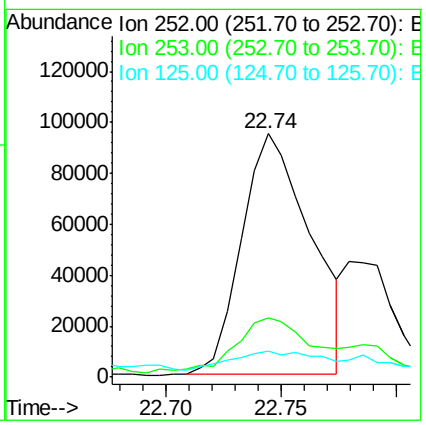


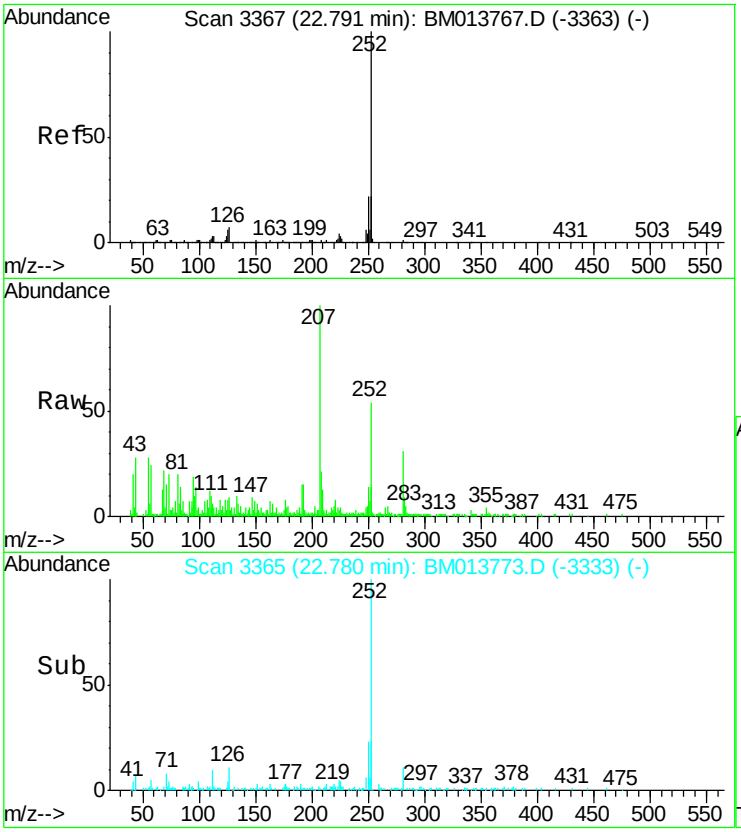


#85
Benzo(b)fluoranthene
Concen: 4.141 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Tgt Ion:252 Resp: 195917

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	10.5	3.6	5.4#



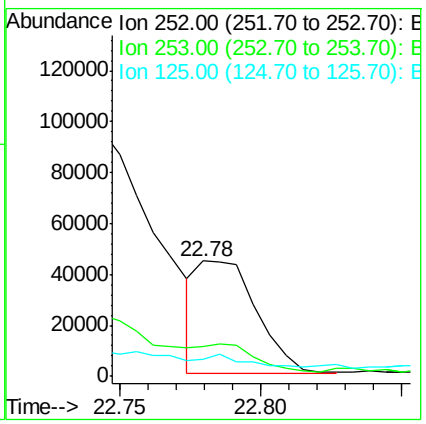


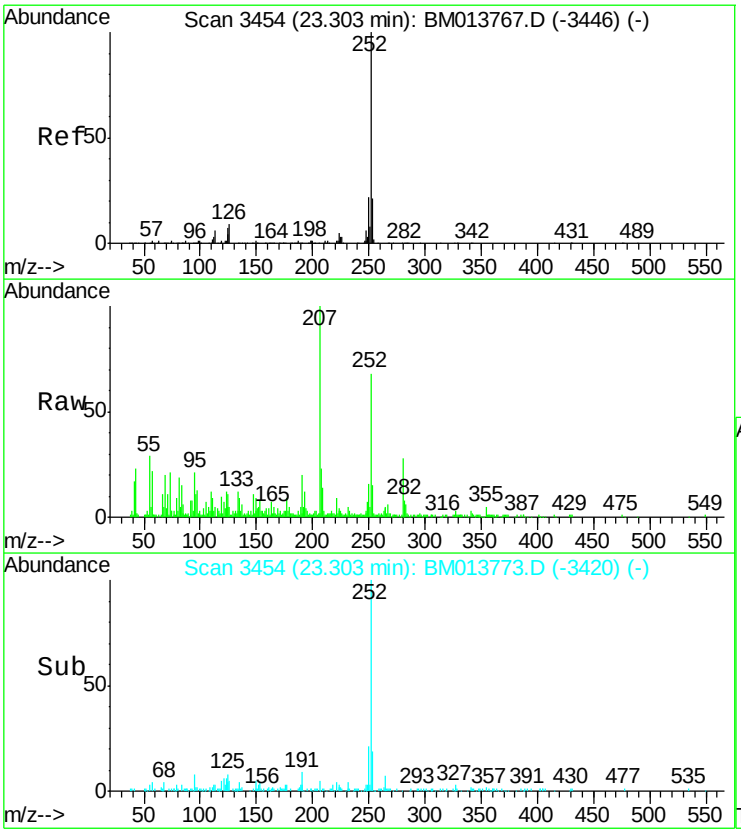
#86
Benzo(k)fluoranthene
Concen: 1.412 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 64555

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7#
125	14.5	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 2.058 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.00 min
Lab File: BM013773.D
Acq: 24 Jan 2018 18:14

Tgt Ion:252 Resp: 91983

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	15.7	4.0	6.0#