Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013450.D
Acq On : 15 Dec 2017 22:09
Operator : SJ/JU
Sample : I6778-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A81

Quant Time: Dec 21 18:05:05 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	268604	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1163292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	682040	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1539875	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1352308	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1093434	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	24180	4.46	ng/uL	0.00
5) Phenol-d5	6.85	99	621396	26.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	374194	28.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	498060	27.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	551359	27.77	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	273189	29.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	301556	30.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	557814	27.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	511767	27.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	2006488	33.06	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2355344	31.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	315963	29.96	ng/ul	0.00
57) Fluorene-d10	15.32	176	1646874	31.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	280414	28.95	ng/ul	0.00
70) Anthracene-d10	17.17	188	2646757	34.32	ng/ul	0.00
76) Pyrene-d10	19.47	212	2794154	41.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1961823	35.22	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	68790	2.994	ng/ul#	86
28) Naphthalene	10.50	128	1015807	16.973	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	288119	6.404	ng/ul	95
40) 1,1'-Biphenyl	13.15	154	94128	1.633	ng/ul	99
44) Dimethylphthalate	13.78	163	623405	10.739	ng/ul	100
49) Acenaphthene	14.38	153	343279	7.270	ng/ul	99
53) Dibenzofuran	14.72	168	409050	5.869	ng/ul	96
58) Fluorene	15.37	166	437322	7.584	ng/ul	98
69) Phenanthrene	17.11	178	1817652	20.777	ng/ul	99
71) Anthracene	17.20	178	271363	3.035	ng/ul	97
72) Carbazole	17.47	167	210735	2.740	ng/ul	98
74) Fluoranthene	19.13	202	770038	7.183	ng/ul#	92
77) Pyrene	19.49	202	537564	6.543	ng/ul#	88
80) Benzo(a)anthracene	21.24	228	133741	1.559	ng/ul	99
82) Chrysene	21.29	228	112062	1.408	ng/ul	95

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013450.D
Acq On : 15 Dec 2017 22:09
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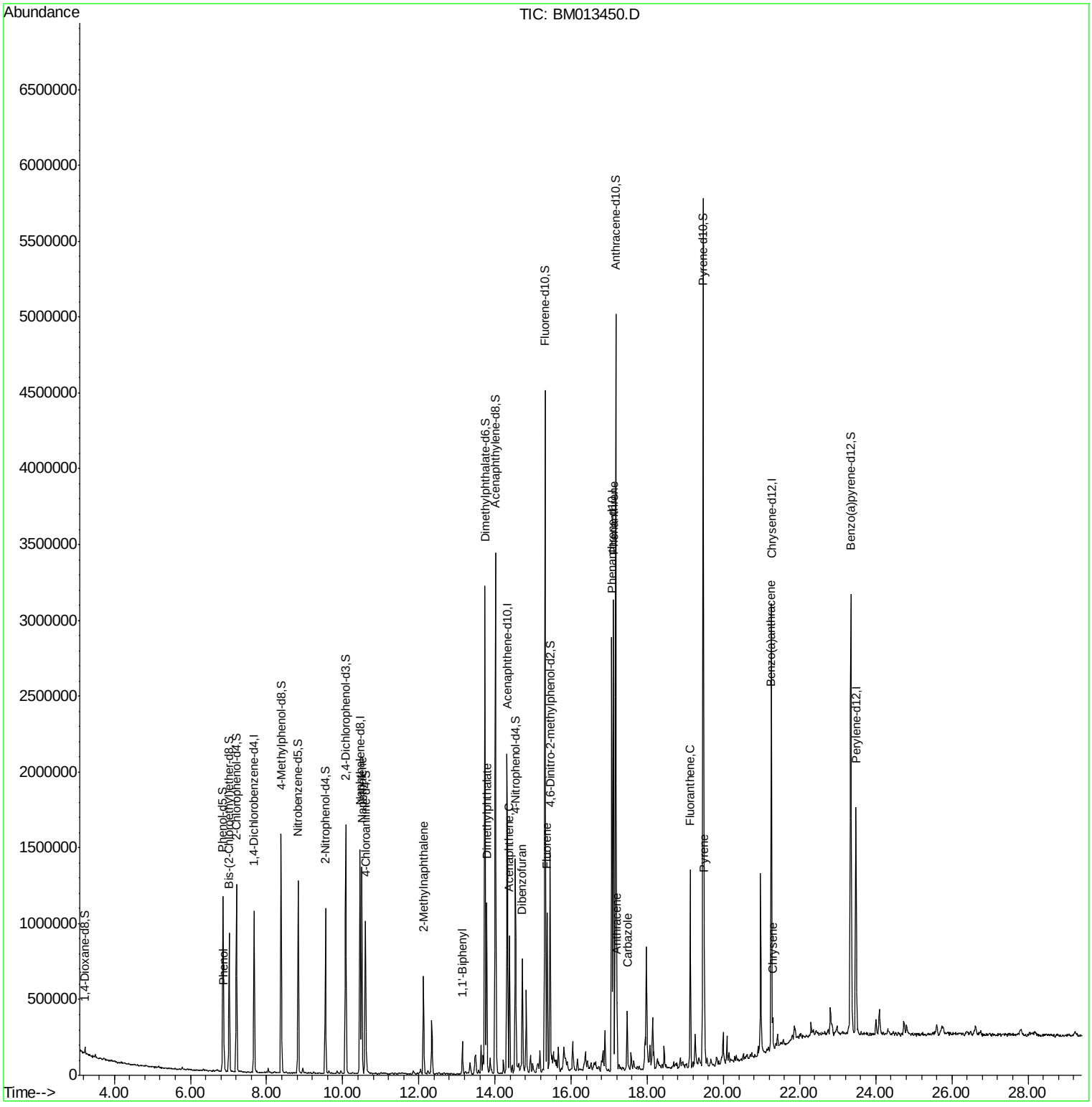
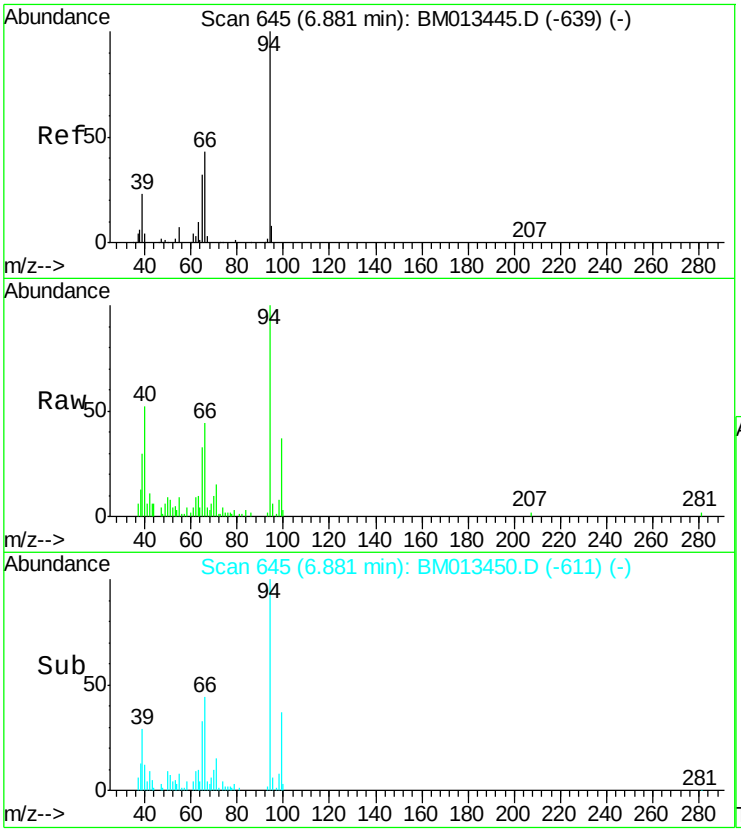
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A81

Quant Time: Dec 21 18:05:05 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



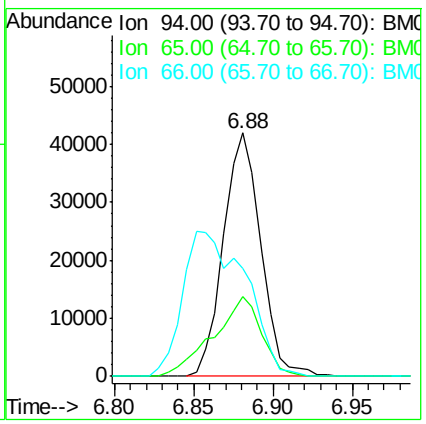


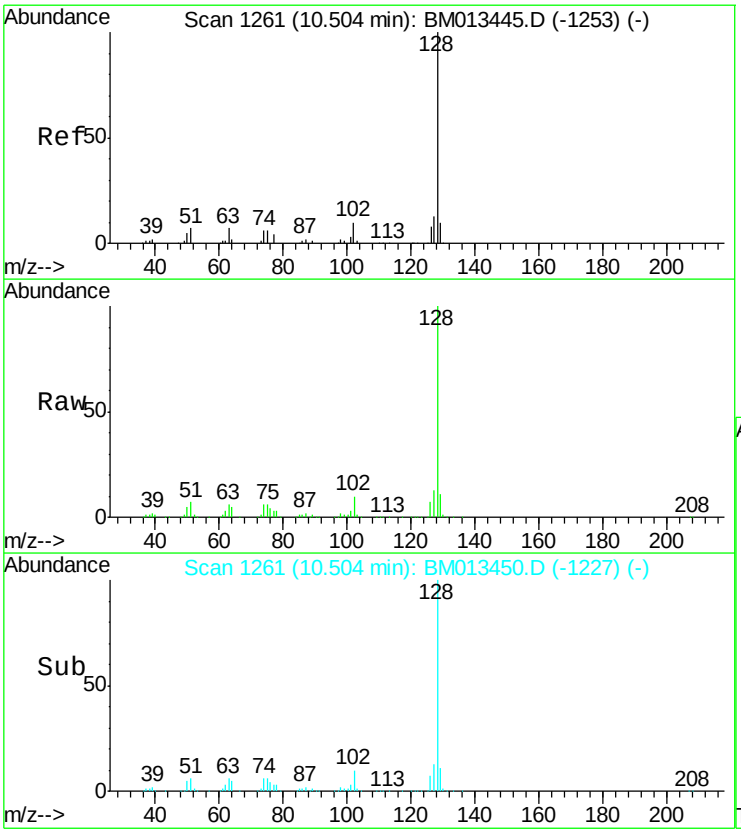
#6
Phenol
Concen: 2.994 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Instrument :
BNA_M
ClientSampleId :
F9A81

Tgt Ion: 94 Resp: 68790

Ion	Ratio	Lower	Upper
94	100		
65	32.9	28.2	42.4
66	44.3	47.2	70.8#

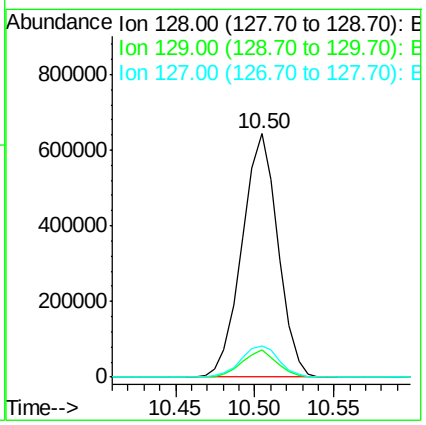


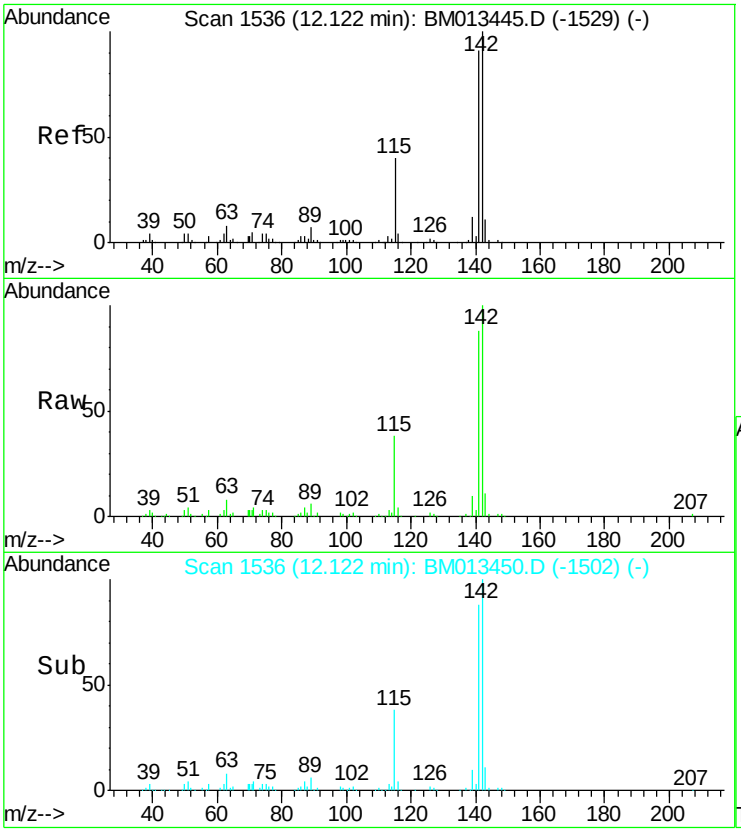


#28
Naphthalene
Concen: 16.973 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Tgt Ion:128 Resp: 1015807

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.6	10.6	16.0



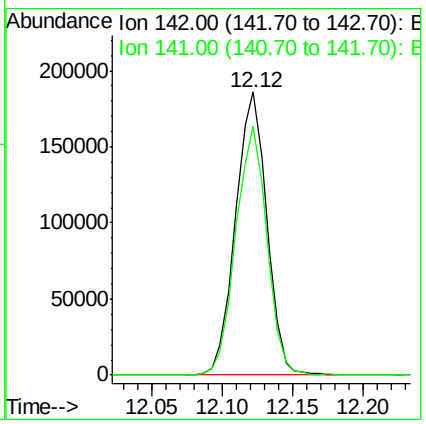


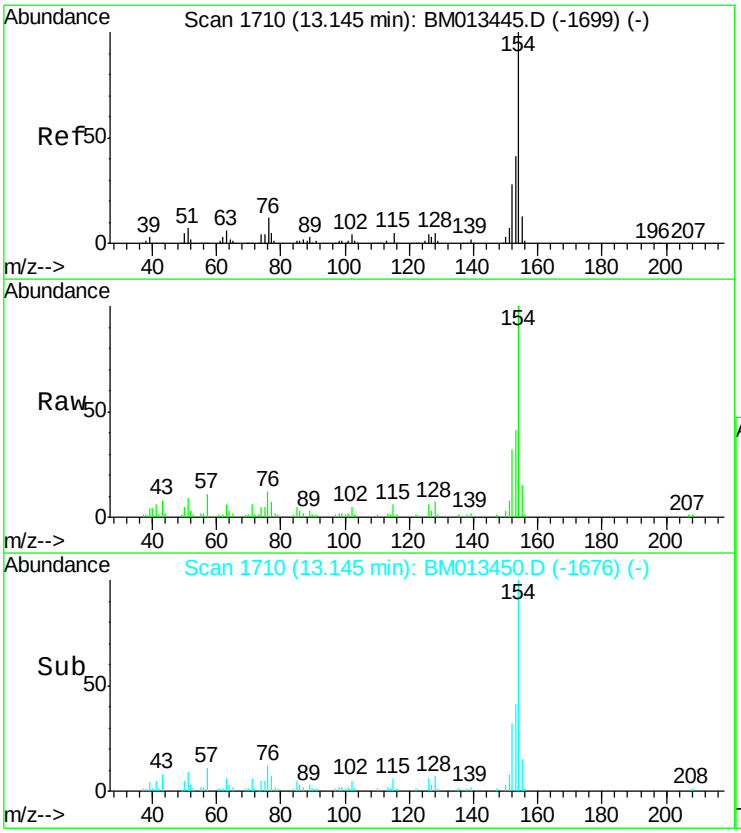
#34
2-Methylnaphthalene
Concen: 6.404 ng/ul
RT: 12.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Instrument :
BNA_M
ClientSampleId :
F9A81

Tgt Ion:142 Resp: 288119

Ion	Ratio	Lower	Upper
142	100		
141	88.1	74.1	111.1

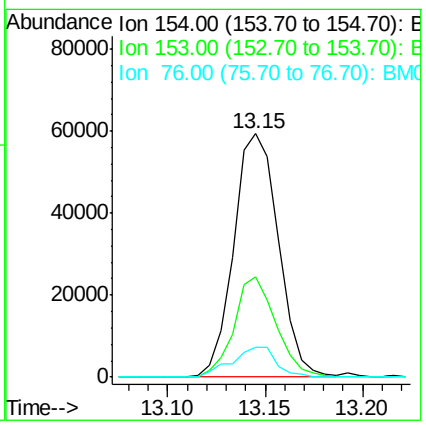


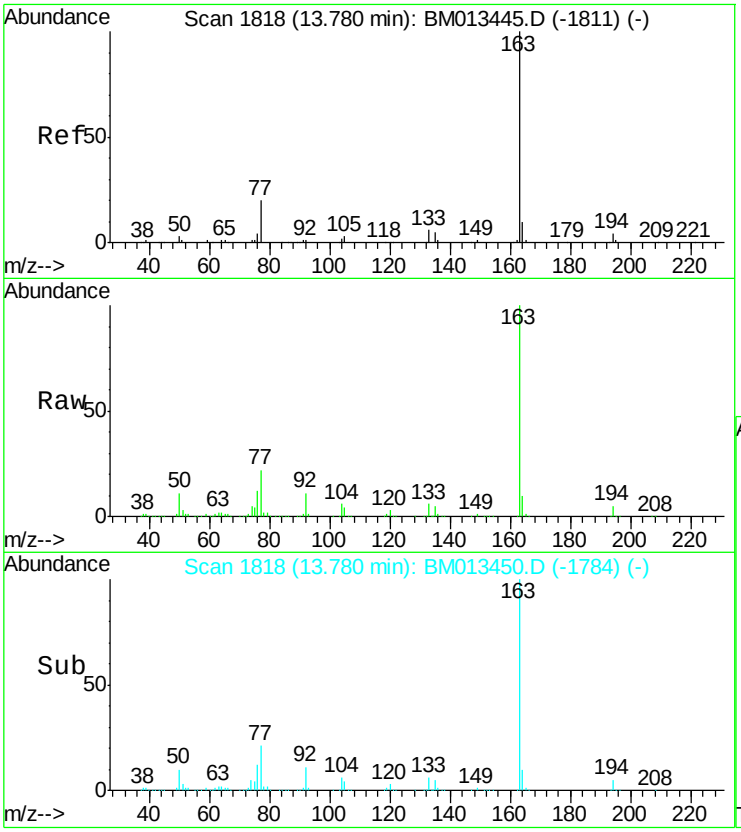


#40
1,1'-Biphenyl
Concen: 1.633 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Tgt Ion:154 Resp: 94128

Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.6	48.8
76	12.2	8.5	12.7



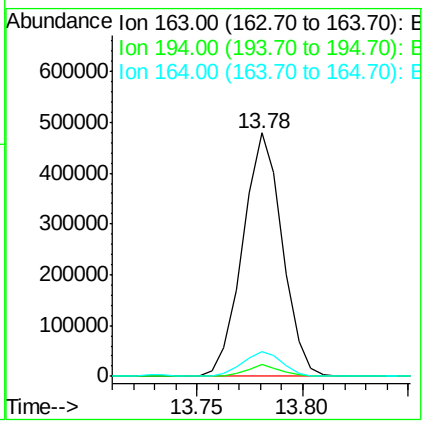


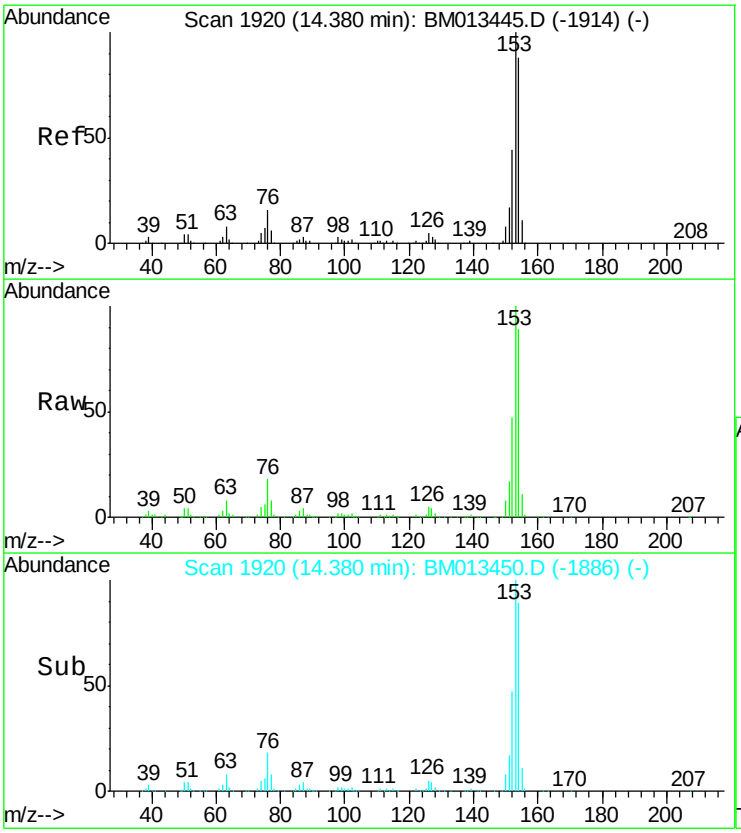
#44
Dimethylphthalate
Concen: 10.739 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Instrument :
BNA_M
ClientSampleId :
F9A81

Tgt Ion:163 Resp: 623405

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.3	8.2	12.4

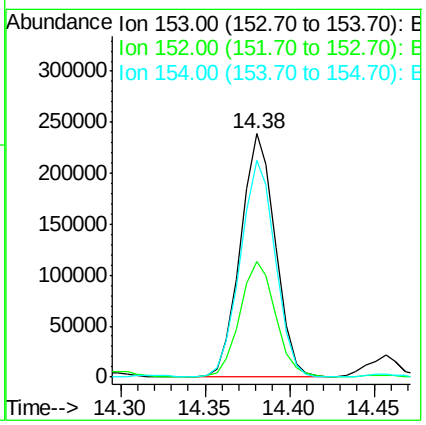


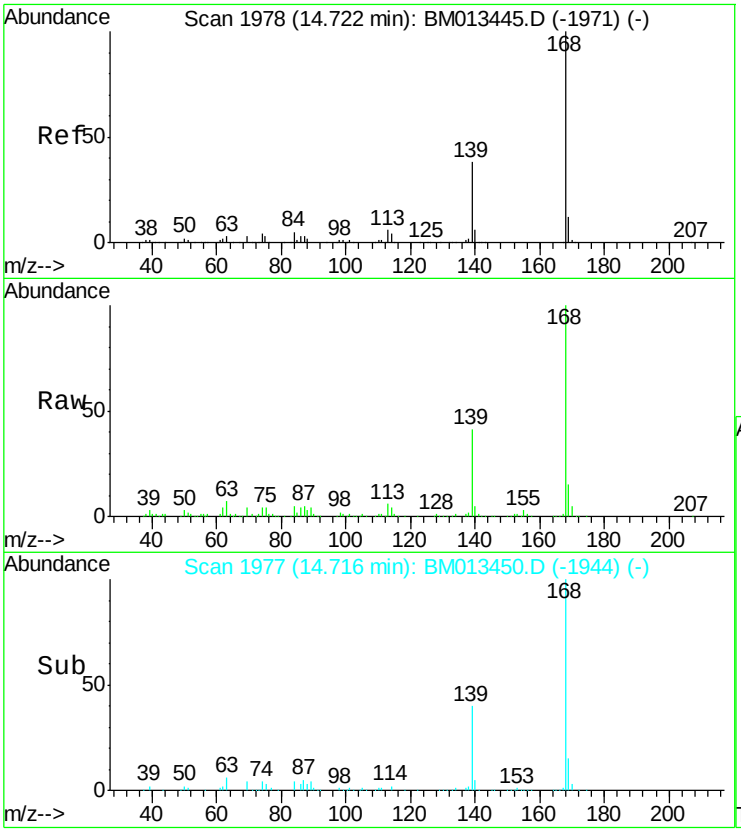


#49
Acenaphthene
Concen: 7.270 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Tgt Ion:153 Resp: 343279

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.6	56.4
154	89.0	70.4	105.6



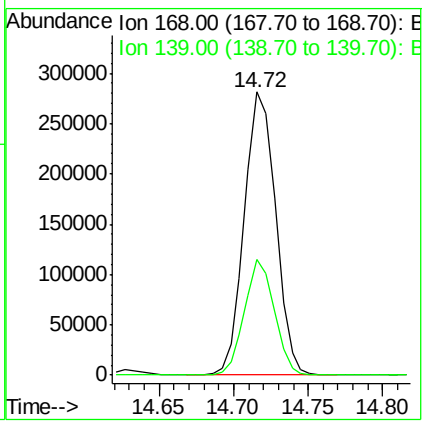


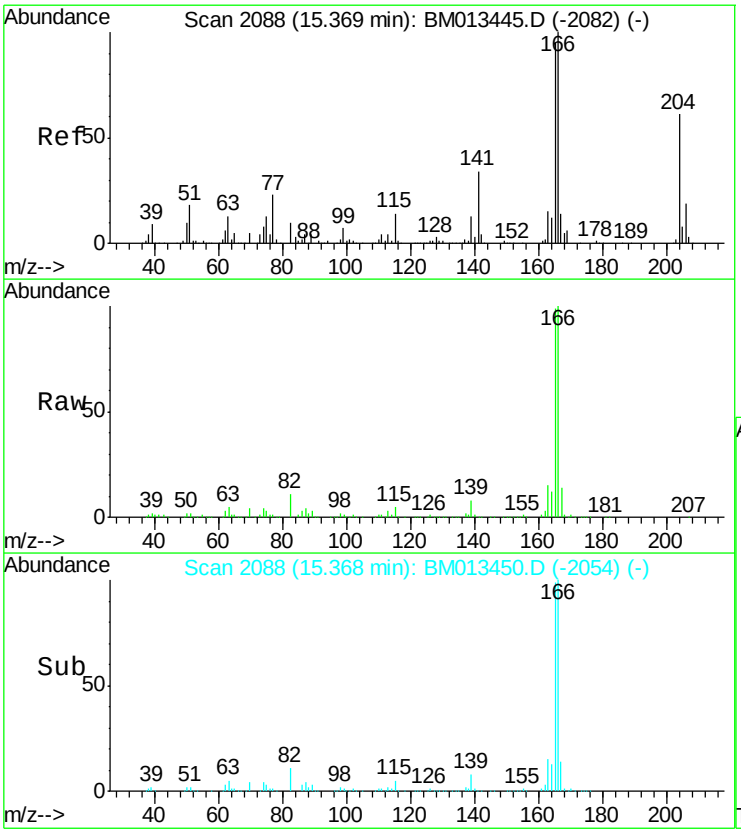
#53
Dibenzofuran
Concen: 5.869 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Instrument :
BNA_M
ClientSampleId :
F9A81

Tgt Ion:168 Resp: 409050

Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.8	46.2

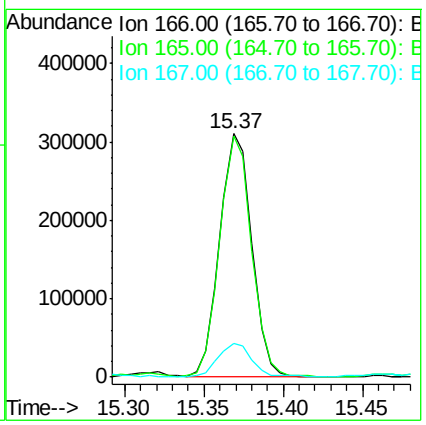


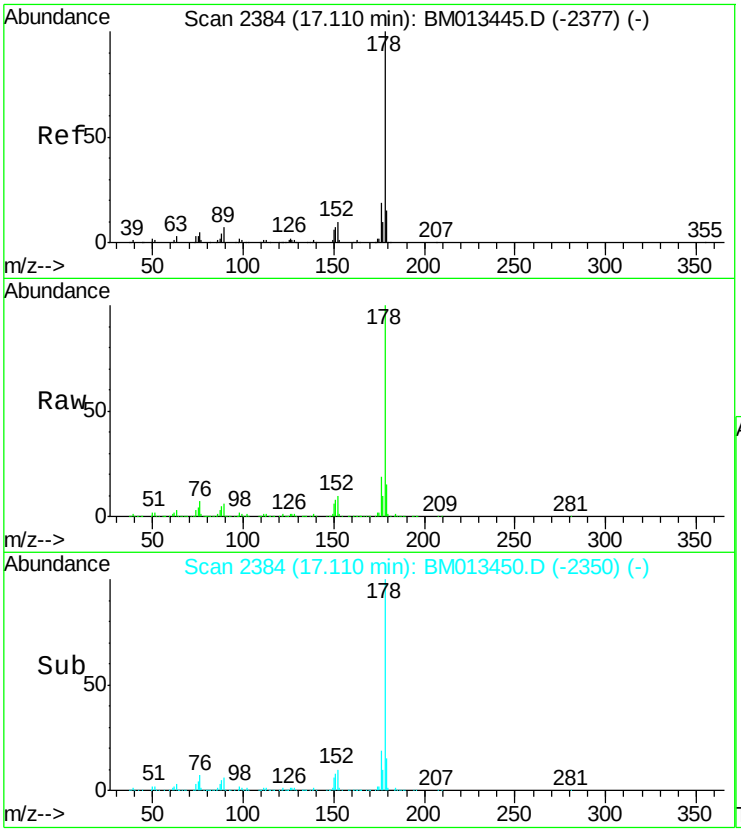


#58
Fluorene
Concen: 7.584 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Tgt Ion:166 Resp: 437322

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	14.0	10.6	16.0



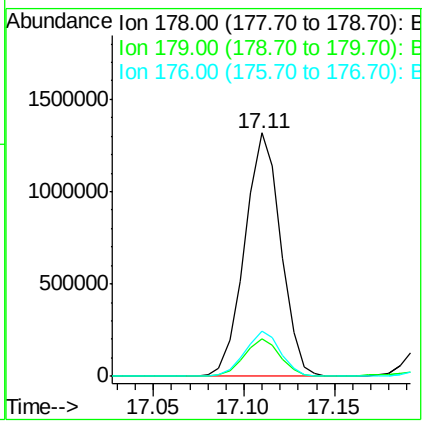


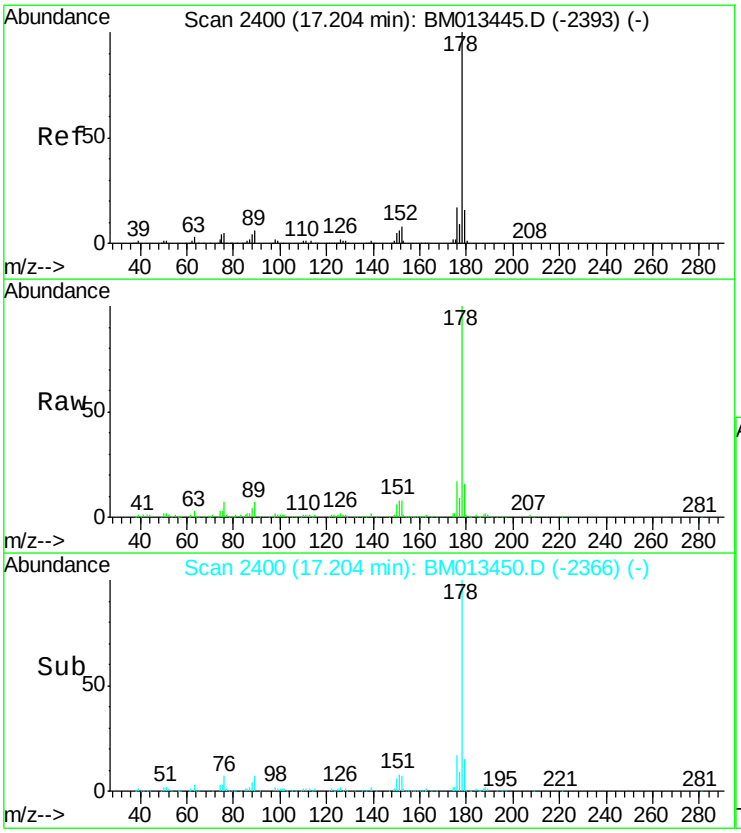
#69
Phenanthrene
Concen: 20.777 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Instrument :
BNA_M
ClientSampleId :
F9A81

Tgt Ion:178 Resp: 1817652

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.6	14.9	22.3

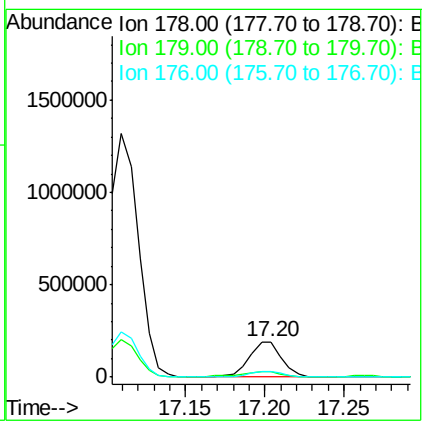


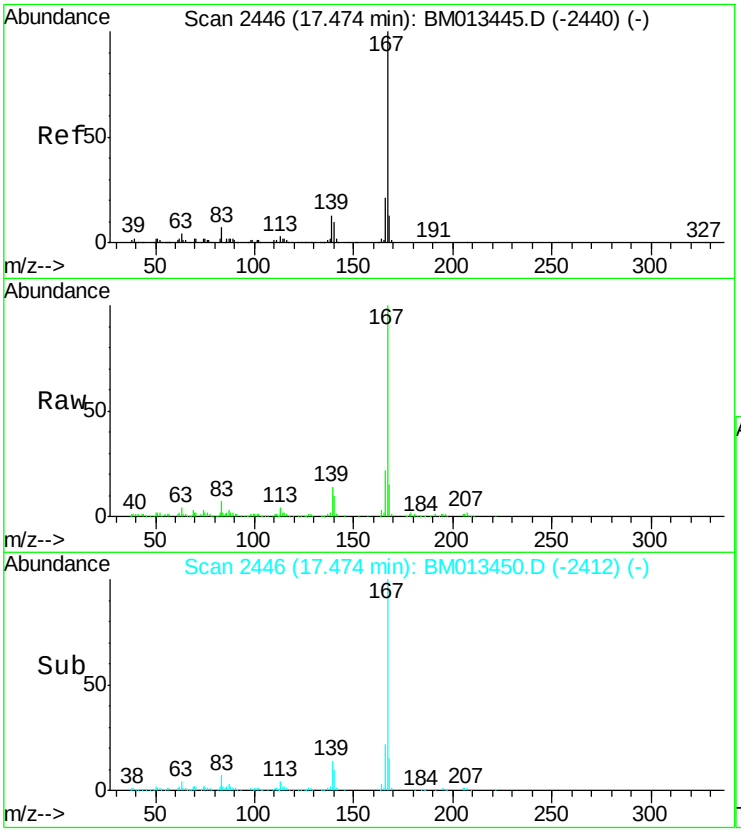


#71
Anthracene
Concen: 3.035 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Tgt Ion:178 Resp: 271363

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	16.5	14.6	21.8



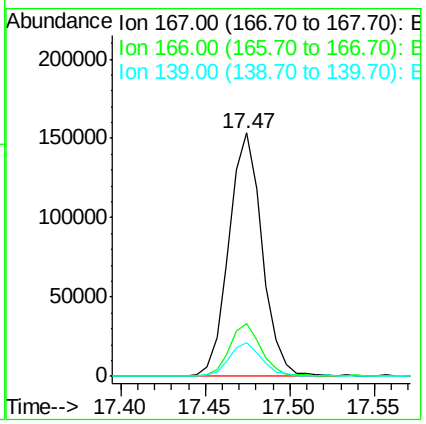


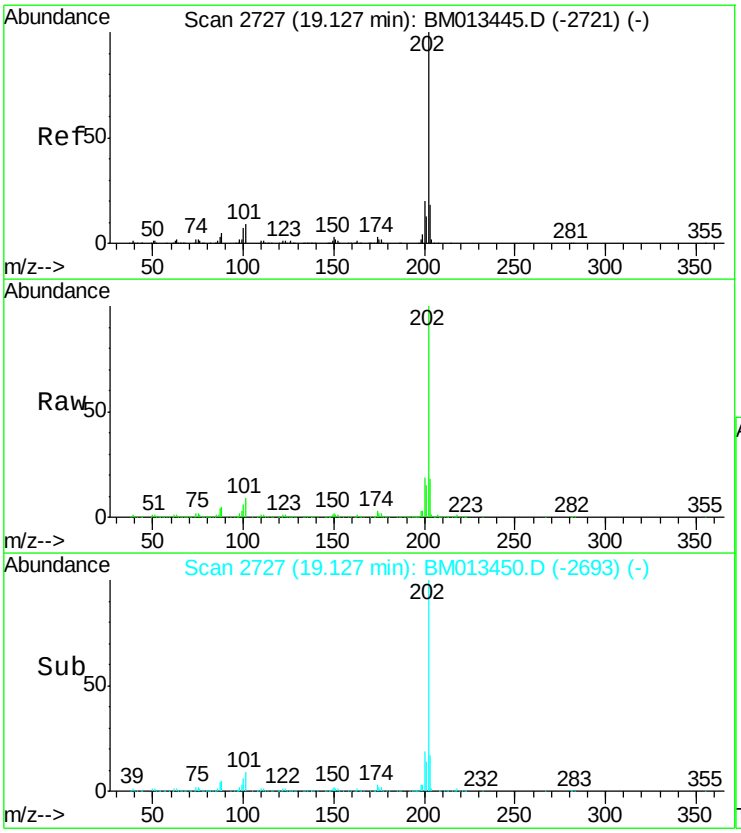
#72
Carbazole
Concen: 2.740 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Instrument :
BNA_M
ClientSampleId :
F9A81

Tgt Ion:167 Resp: 210735

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	13.9	10.0	15.0

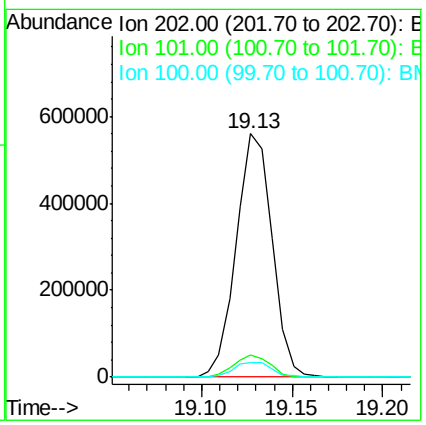


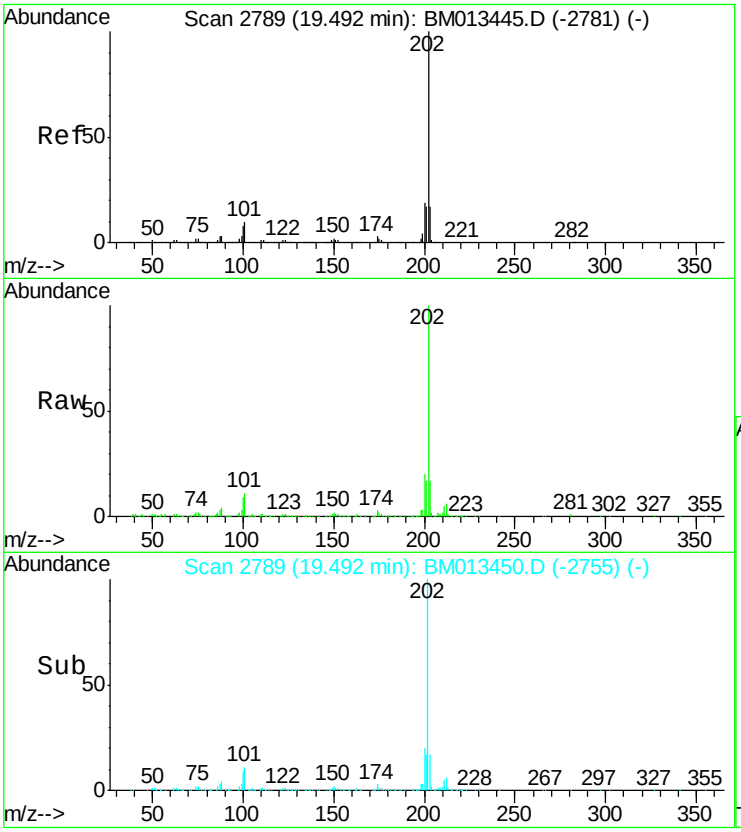


#74
Fluoranthene
Concen: 7.183 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Tgt Ion:202 Resp: 770038

Ion	Ratio	Lower	Upper
202	100		
101	8.9	4.6	7.0#
100	6.1	3.4	5.2#



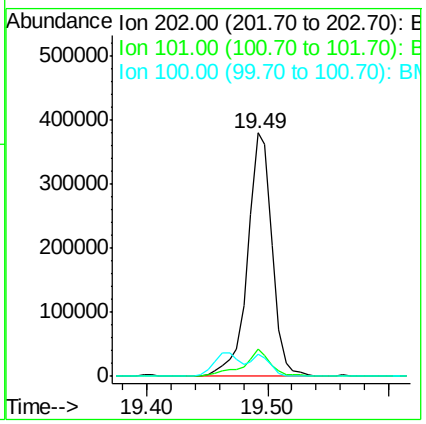


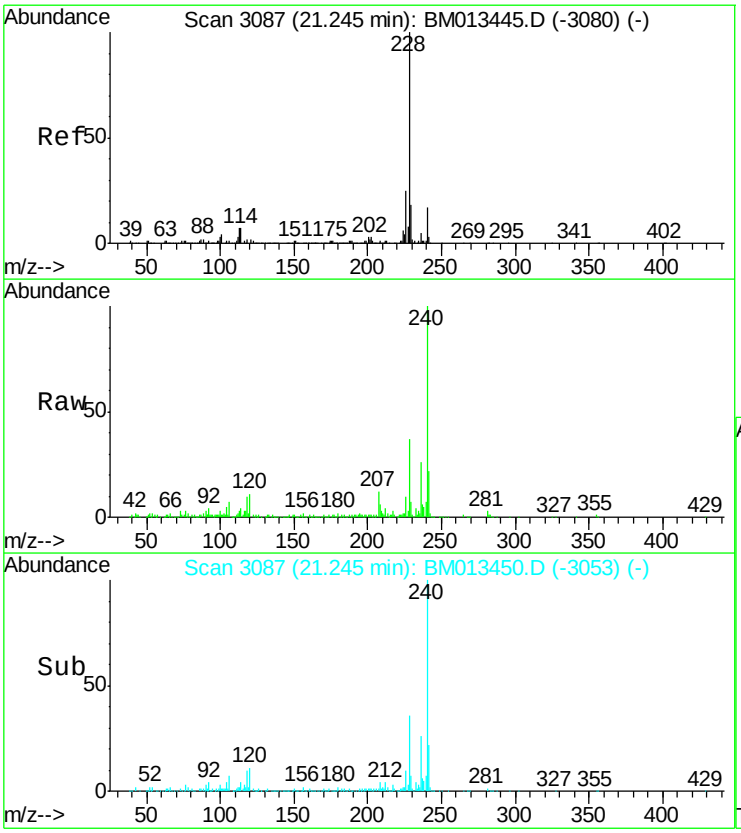
#77
Pyrene
Concen: 6.543 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Instrument :
BNA_M
ClientSampleId :
F9A81

Tgt Ion:202 Resp: 537564

Ion	Ratio	Lower	Upper
202	100		
101	11.4	5.1	7.7#
100	9.0	4.9	7.3#

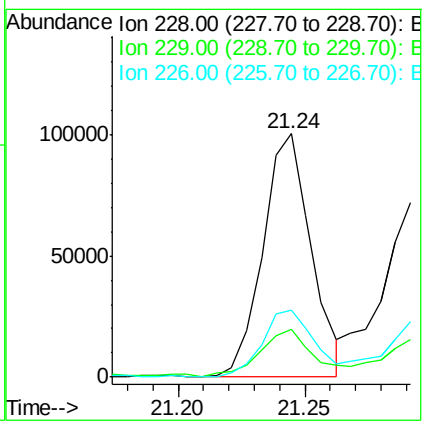


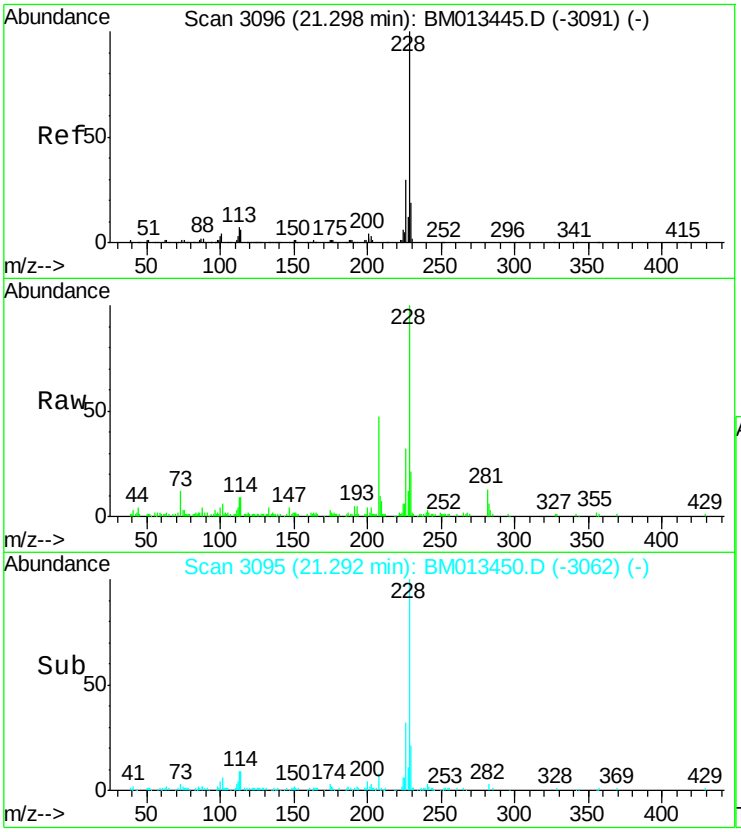


#80
Benzo(a)anthracene
Concen: 1.559 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Tgt Ion:228 Resp: 133741

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.4	23.0
226	27.3	21.4	32.0





#82
Chrysene
Concen: 1.408 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM013450.D
Acq: 15 Dec 2017 22:09

Instrument :
BNA_M
ClientSampleId :
F9A81

Tgt Ion:228 Resp: 112062

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.2
229	21.2	15.5	23.3