Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Time: Jan 30 07:51:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	81547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	352052	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	229510	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	569185	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	712668	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	672963	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	6.80	99	2203	0.35	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.94	67	1477	0.39	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	2326	0.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.33	113	1843	0.38	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	1194	0.44	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	1365	0.47	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.03	165	1585	0.28	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	1683	0.35	ng/ul	0.04
43) Dimethylphthalate-d6	13.64	166	20286	1.07	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	20047	0.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	305	0.10	ng/ul	0.11
57) Fluorene-d10	15.23	176	16715	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	545	0.16	ng/ul	0.04
70) Anthracene-d10	17.07	188	25449	0.92	ng/ul	0.00
76) Pyrene-d10	19.38	212	36261	1.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	31138	1.01	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.39	128	1016949	58.063	ng/ul	98
30) 4-Chloroaniline	10.39	127	127321	26.540	ng/ul#	21
34) 2-Methylnaphthalene	12.02	142	470405	36.024	ng/ul	95
40) 1,1'-Biphenyl	13.04	154	130765	6.845	ng/ul	98
49) Acenaphthene	14.29	153	372812	24.390	ng/ul	95
53) Dibenzofuran	14.63	168	528336	22.976	ng/ul	99
58) Fluorene	15.28	166	331453	17.597	ng/ul	97
60) 4-Nitroaniline	15.28	138	4020	1.212	ng/ul#	9
68) Pentachlorophenol	16.64	266	15262	3.969	ng/ul	91
69) Phenanthrene	17.02	178	2171649	68.639	ng/ul	99
71) Anthracene	17.02	178	2171649	66.546	ng/ul	99
72) Carbazole	17.39	167	103324	3.836	ng/ul	99
74) Fluoranthene	19.04	202	1202745	31.847	ng/ul	98
77) Pyrene	19.41	202	767525	17.715	ng/ul	97
80) Benzo(a)anthracene	21.16	228	159758	3.710	ng/ul	95
82) Chrysene	21.21	228	107482	2.721	ng/ul	96
85) Benzo(b)fluoranthene	22.71	252	60858	1.473	ng/ul#	95

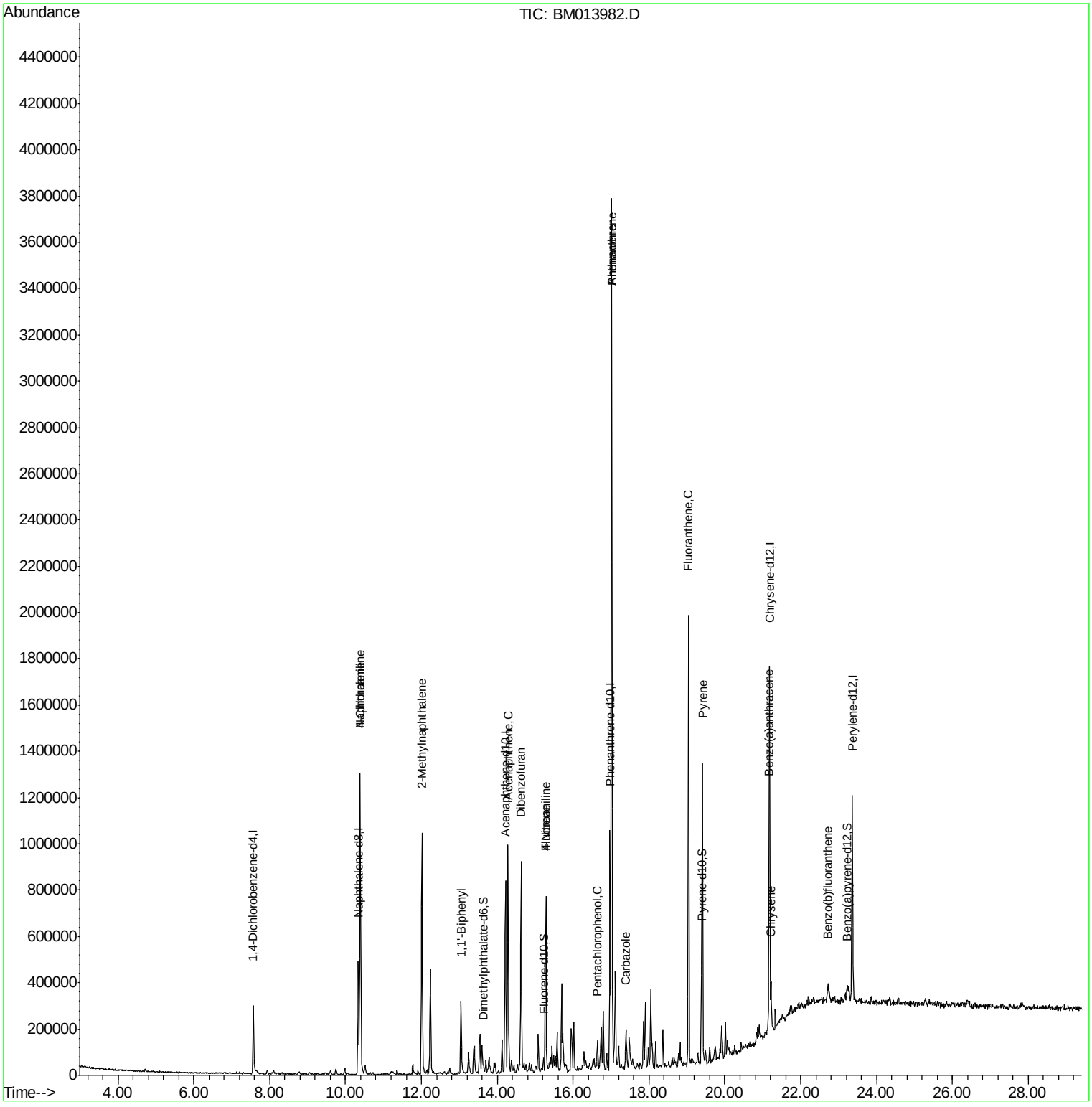
(#) = qualifier out of range (m) = manual integration (+) = signals summed

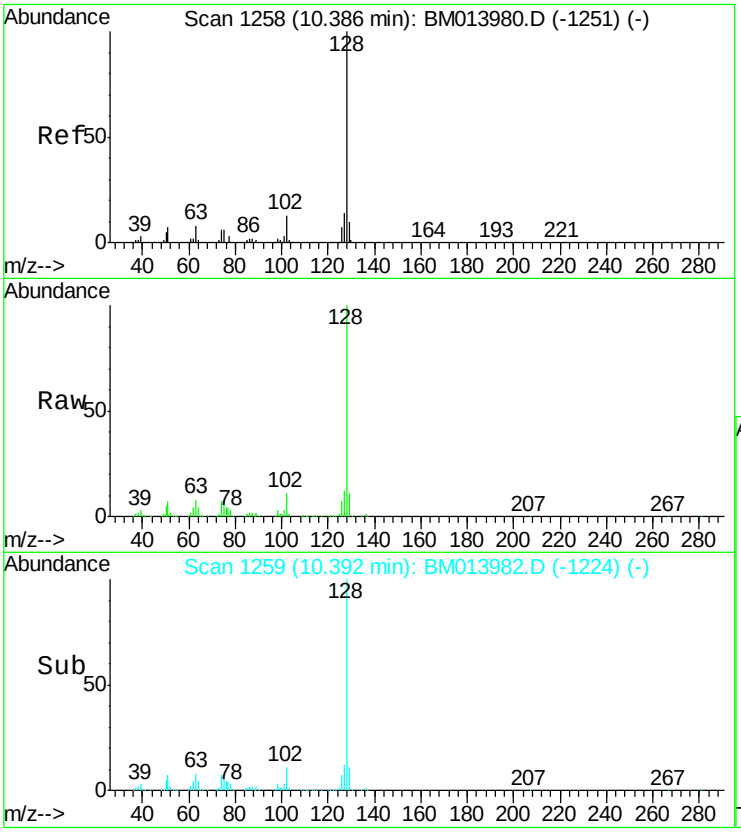
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013982.D
Acq On : 30 Jan 2018 05:41
Operator : SJ/JU
Sample : J1243-10DL 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33DL

Quant Time: Jan 30 07:51:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration



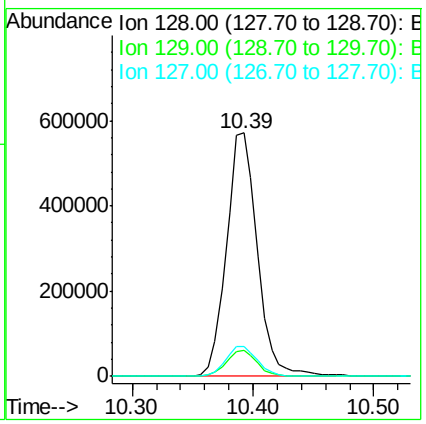


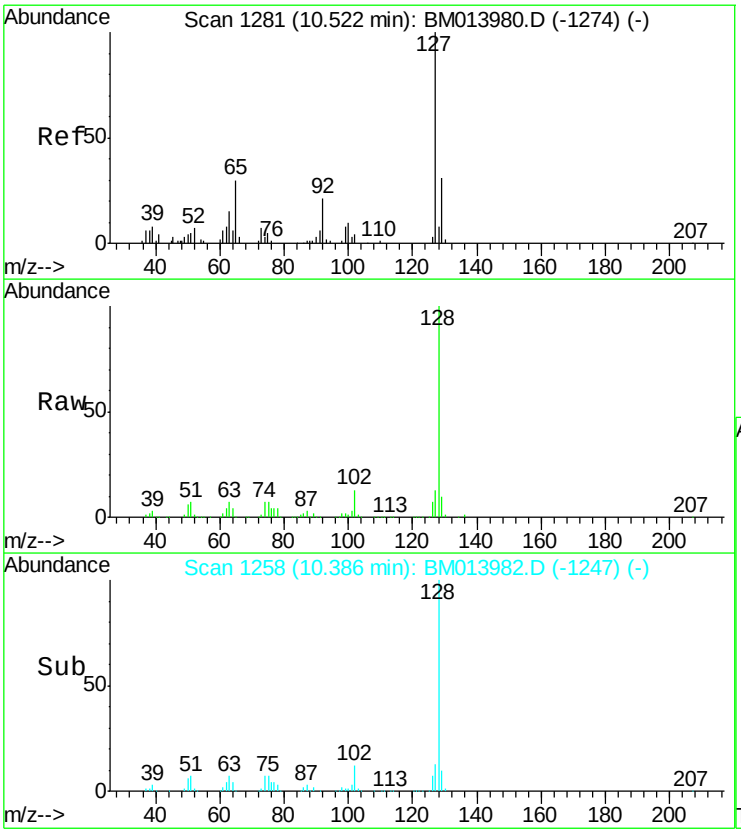
#28
Naphthalene
Concen: 58.063 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tgt Ion:128 Resp: 1016949

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.4	10.6	16.0

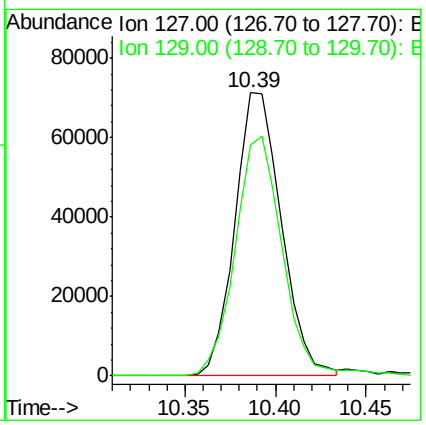


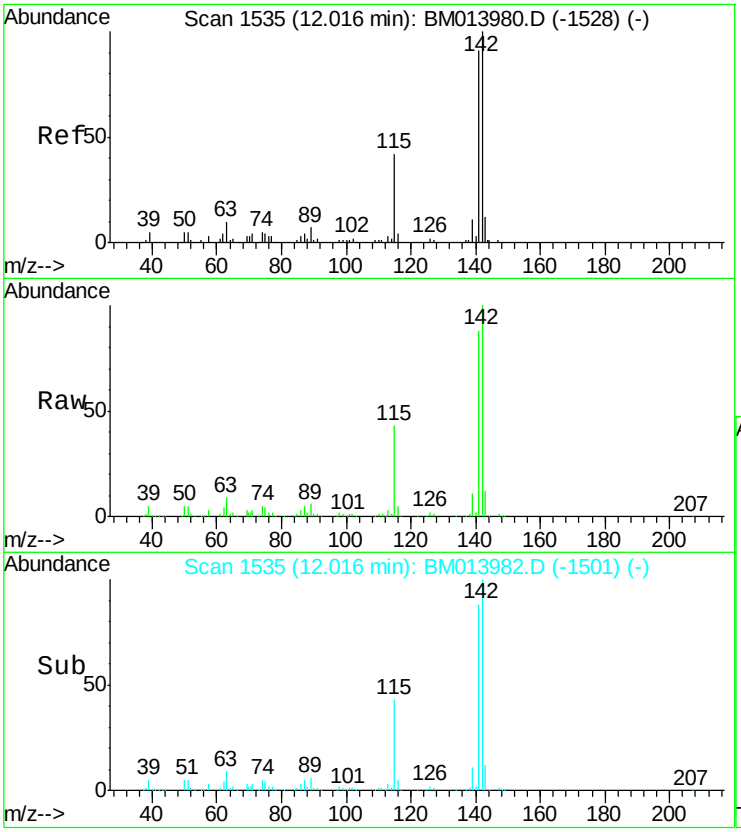


#30
4-Chloroaniline
Concen: 26.540 ng/ul
RT: 10.39 min Scan# 1258
Delta R.T. -0.14 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion:127 Resp: 127321

Ion	Ratio	Lower	Upper
127	100		
129	81.5	28.4	42.6#



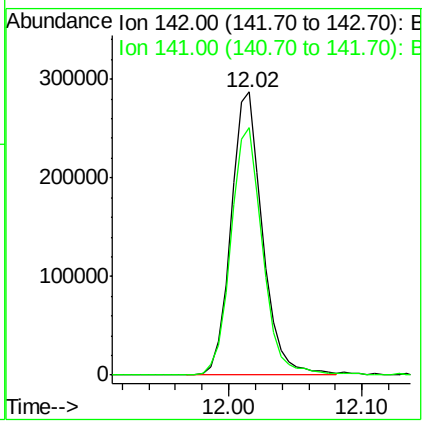


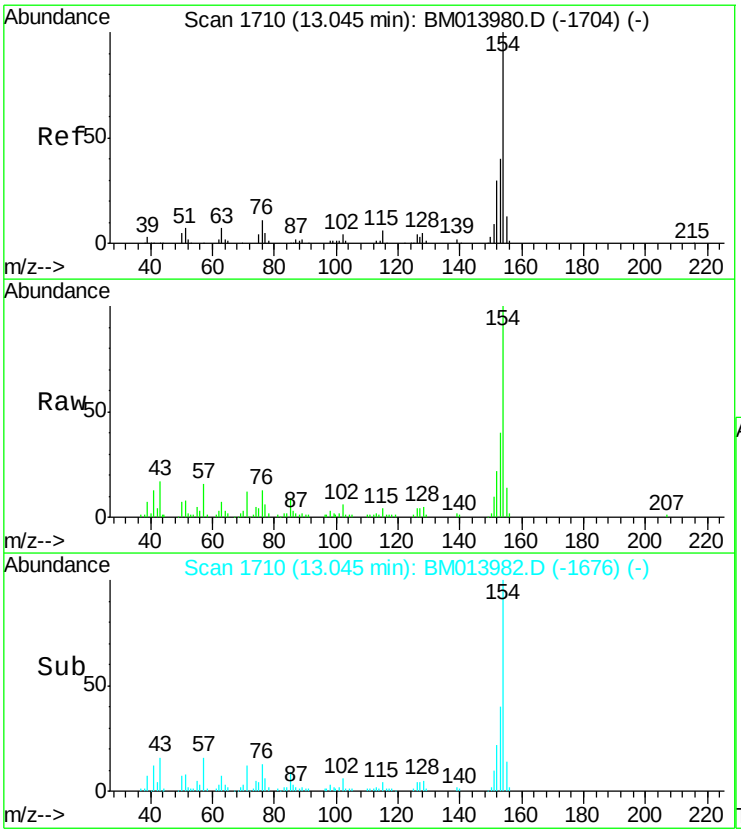
#34
2-Methylnaphthalene
Concen: 36.024 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tgt Ion:142 Resp: 470405

Ion	Ratio	Lower	Upper
142	100		
141	87.5	74.1	111.1

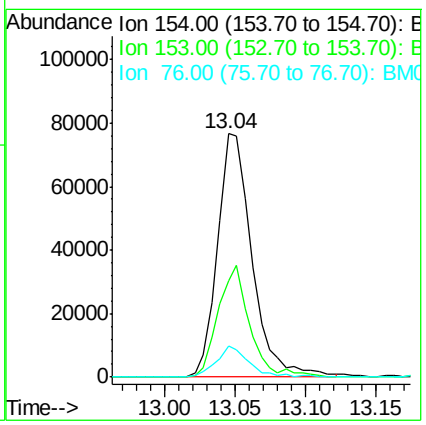


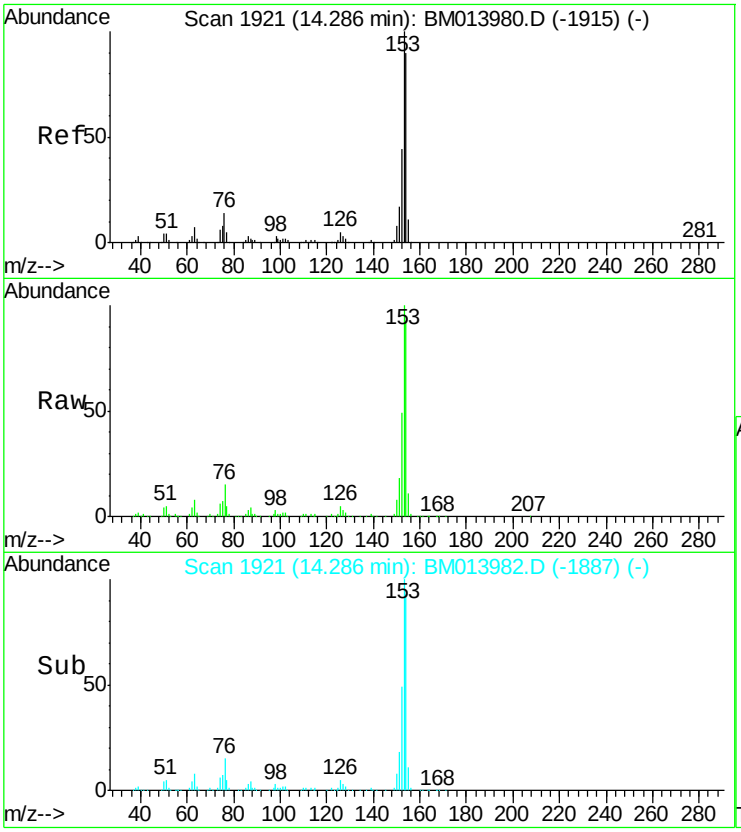


#40
1,1'-Biphenyl
Concen: 6.845 ng/ul
RT: 13.04 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion:154 Resp: 130765

Ion	Ratio	Lower	Upper
154	100		
153	39.6	32.6	48.8
76	12.6	8.5	12.7



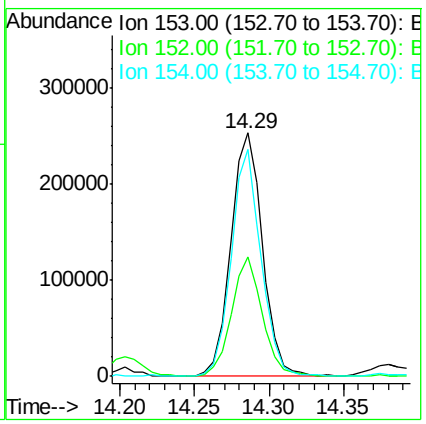


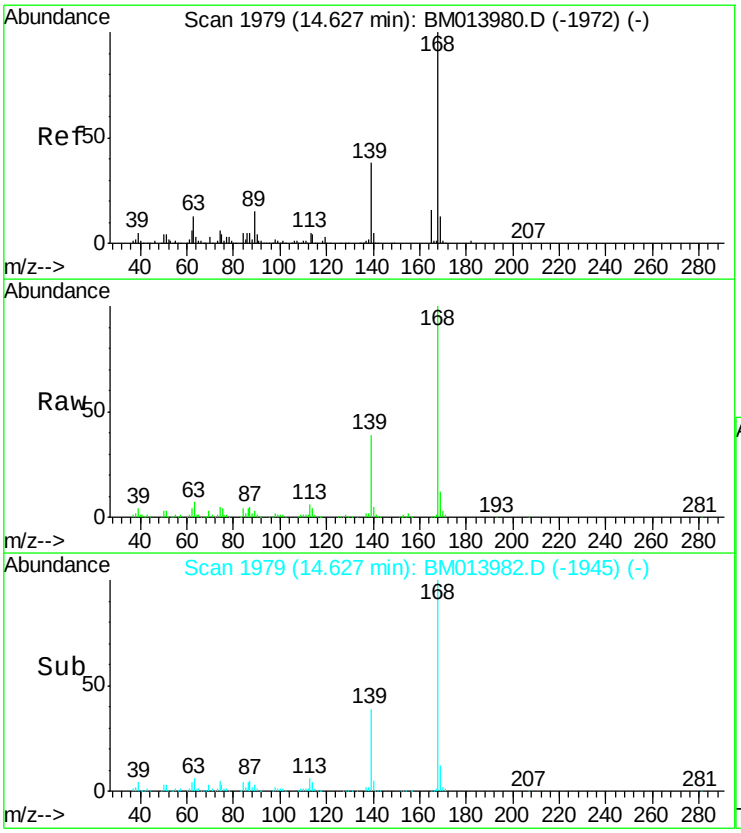
#49
Acenaphthene
Concen: 24.390 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tgt Ion:153 Resp: 372812

Ion	Ratio	Lower	Upper
153	100		
152	49.3	37.6	56.4
154	93.2	70.4	105.6

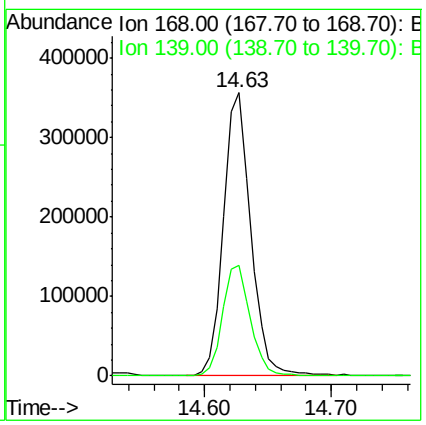


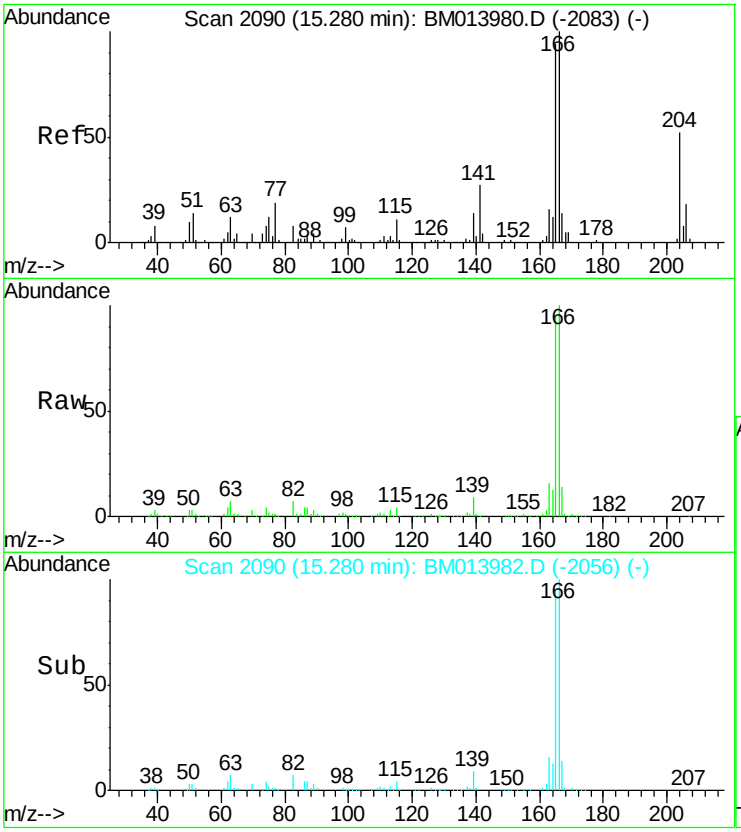


#53
Dibenzofuran
Concen: 22.976 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion:168 Resp: 528336

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.8	46.2



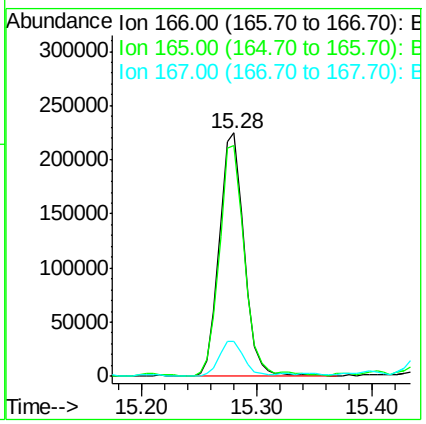


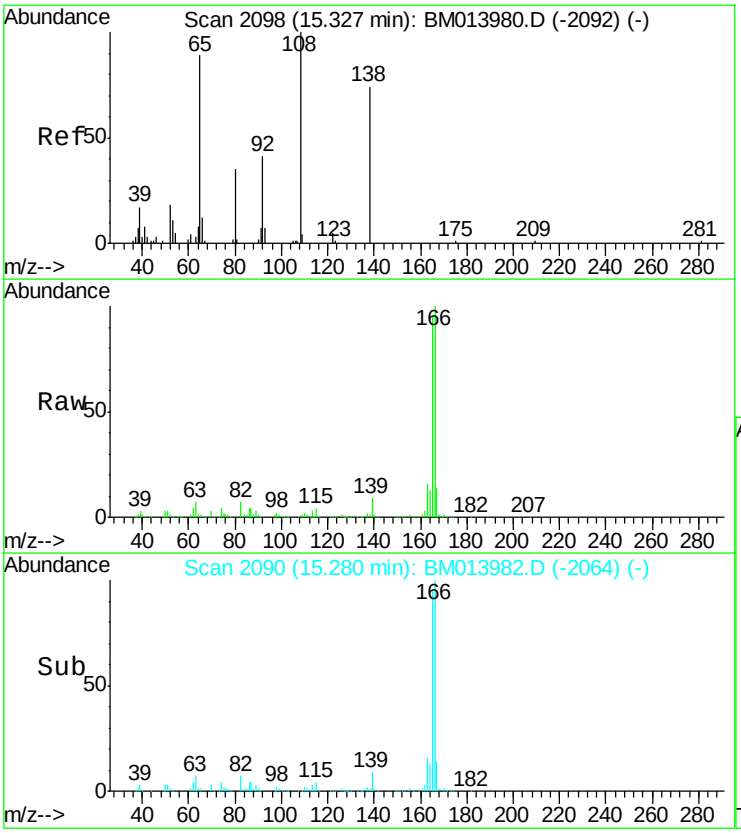
#58
Fluorene
Concen: 17.597 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tgt Ion:166 Resp: 331453

Ion	Ratio	Lower	Upper
166	100		
165	94.9	77.9	116.9
167	14.3	10.6	16.0

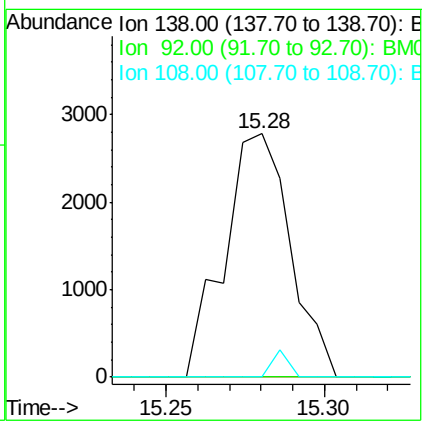


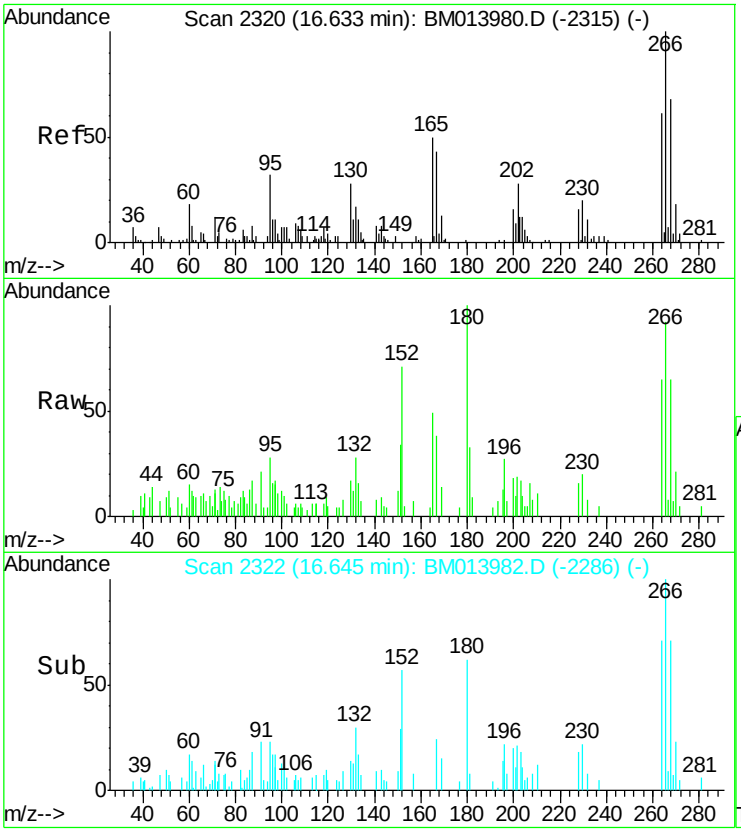


#60
4-Nitroaniline
Concen: 1.212 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.05 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion:138 Resp: 4020

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.0	60.0#
108	0.0	80.0	120.0#



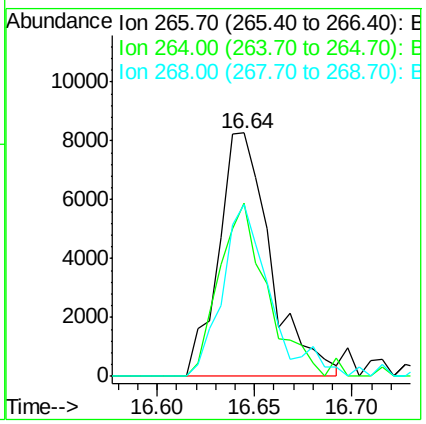


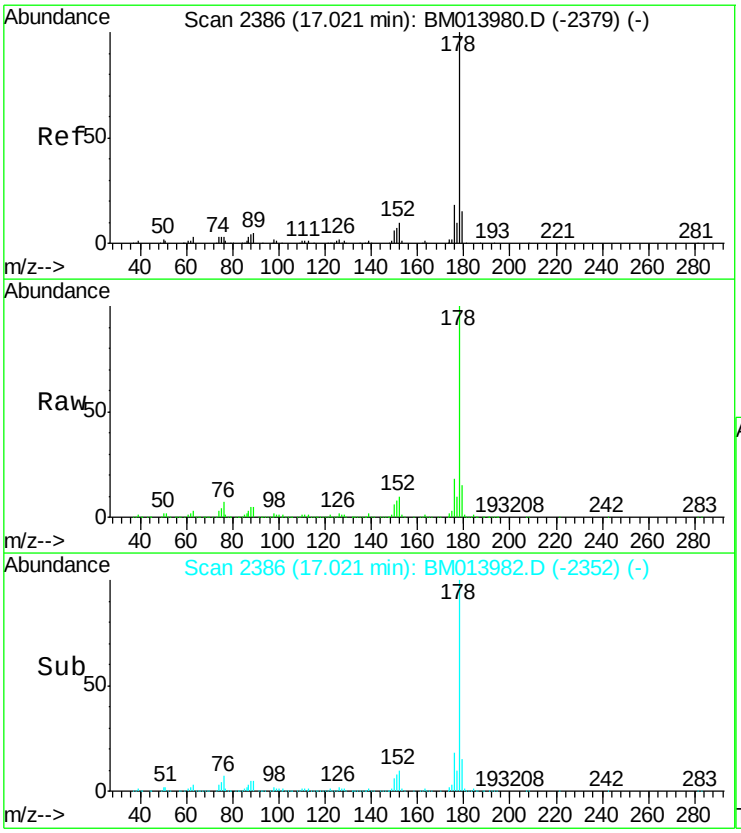
#68
Pentachlorophenol
Concen: 3.969 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tgt Ion:266 Resp: 15262

Ion	Ratio	Lower	Upper
266	100		
264	71.1	49.3	73.9
268	70.6	52.6	78.8

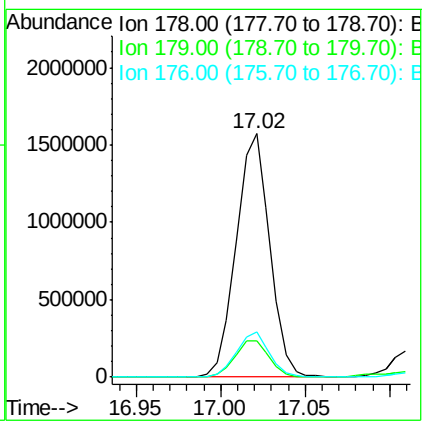


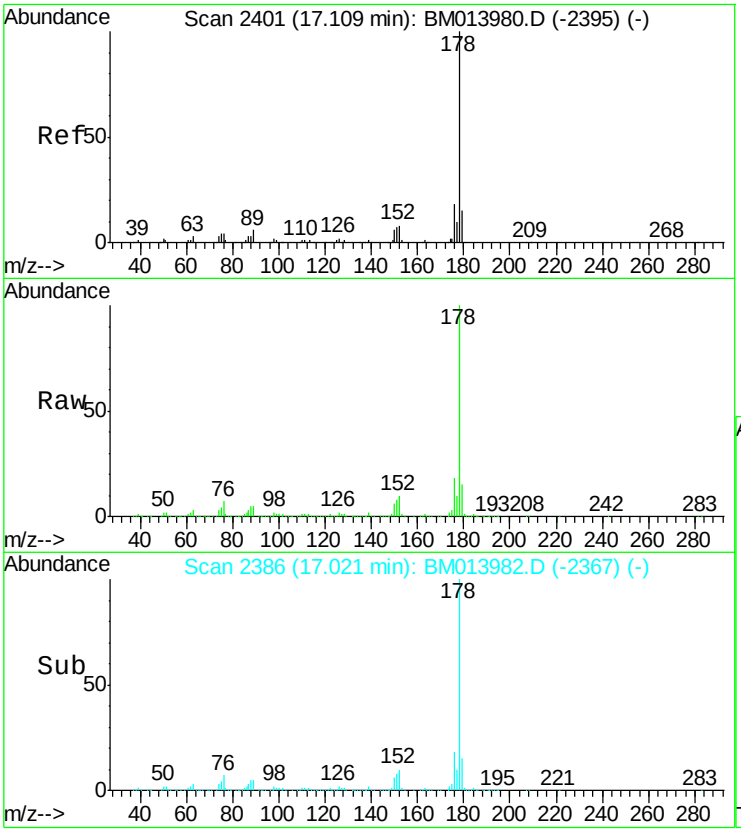


#69
Phenanthrene
Concen: 68.639 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion:178 Resp: 2171649

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



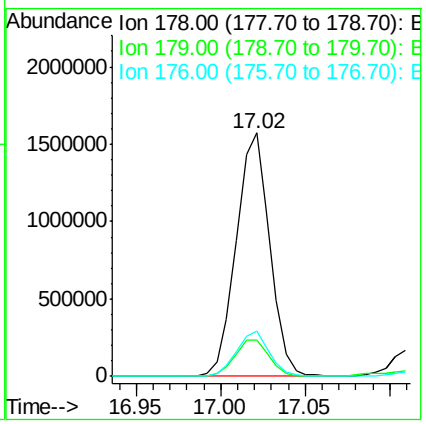


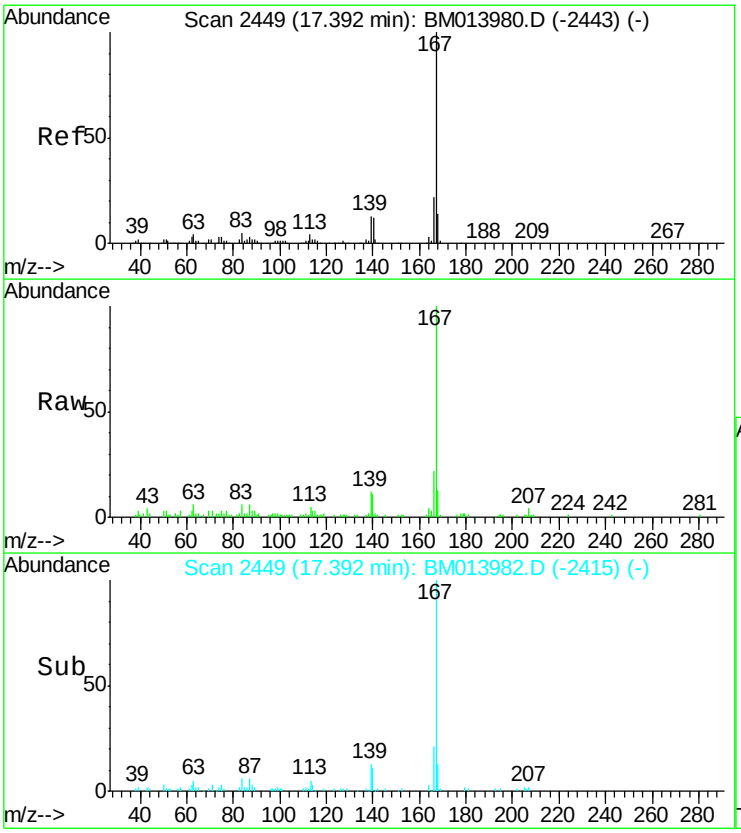
#71
Anthracene
Concen: 66.546 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.09 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tgt Ion:178 Resp: 2171649

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	18.5	14.6	21.8

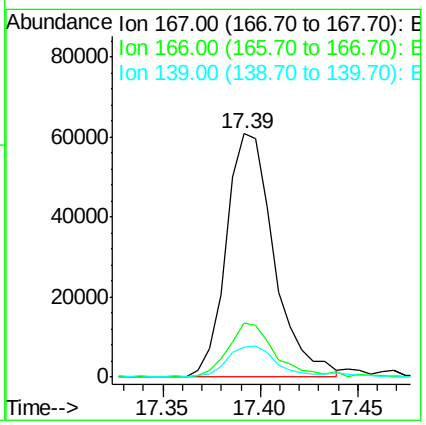


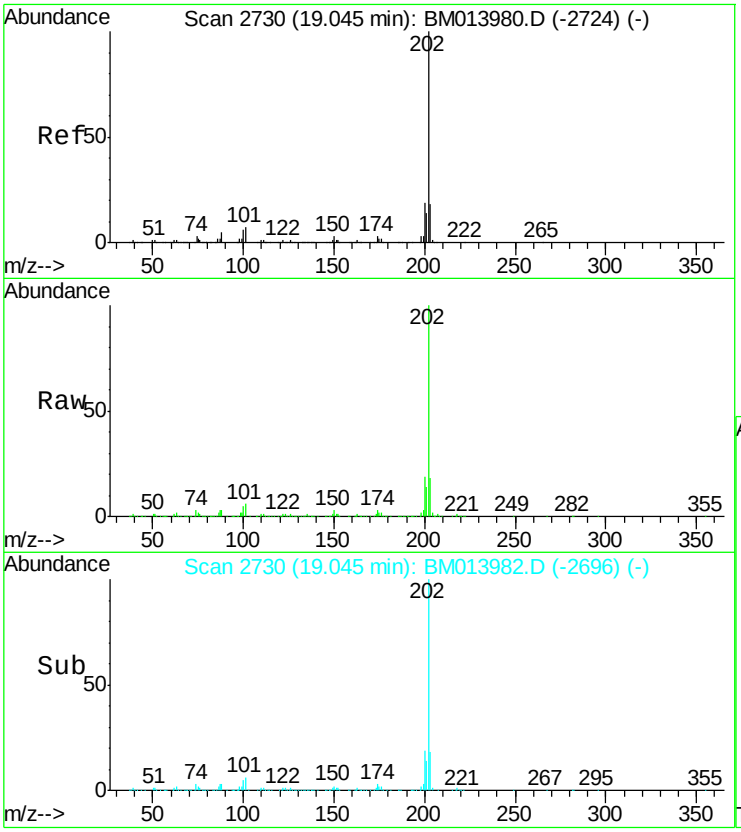


#72
Carbazole
Concen: 3.836 ng/ul
RT: 17.39 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion:167 Resp: 103324

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	12.4	10.0	15.0



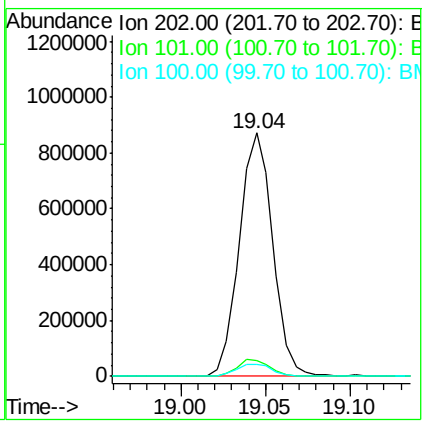


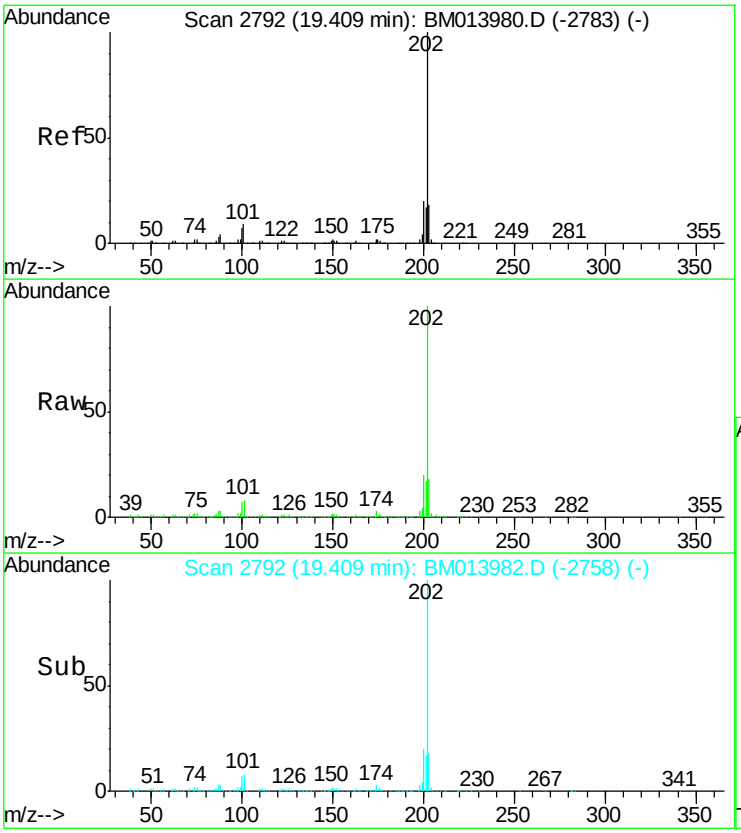
#74
Fluoranthene
Concen: 31.847 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tgt Ion:202 Resp: 1202745

Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	5.1	3.4	5.2

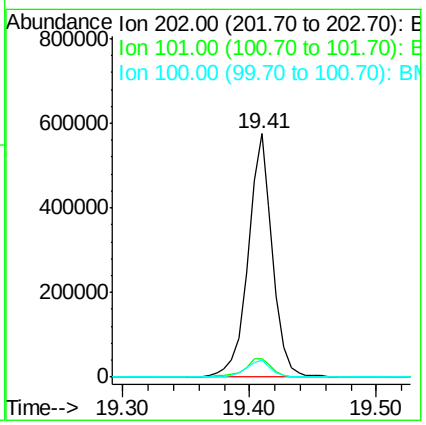


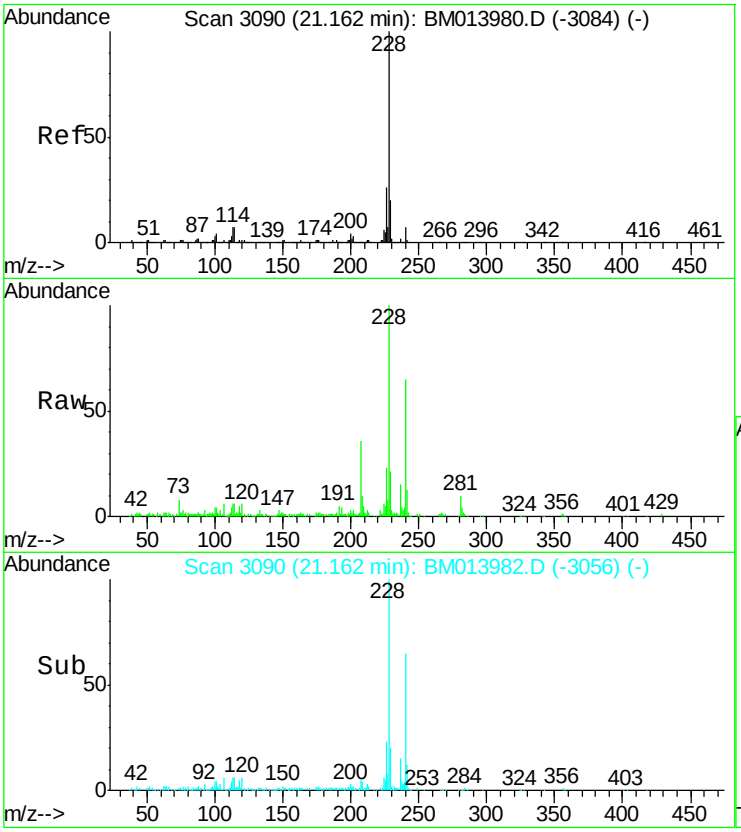


#77
Pyrene
Concen: 17.715 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion:202 Resp: 767525

Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.1	7.7
100	7.0	4.9	7.3



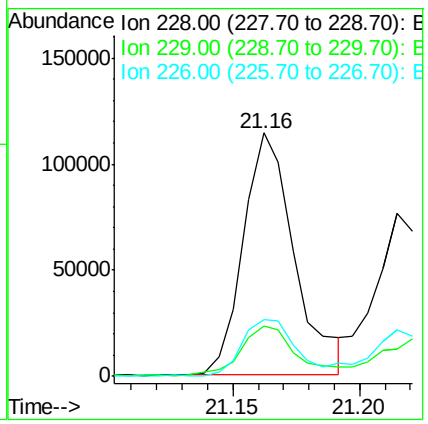


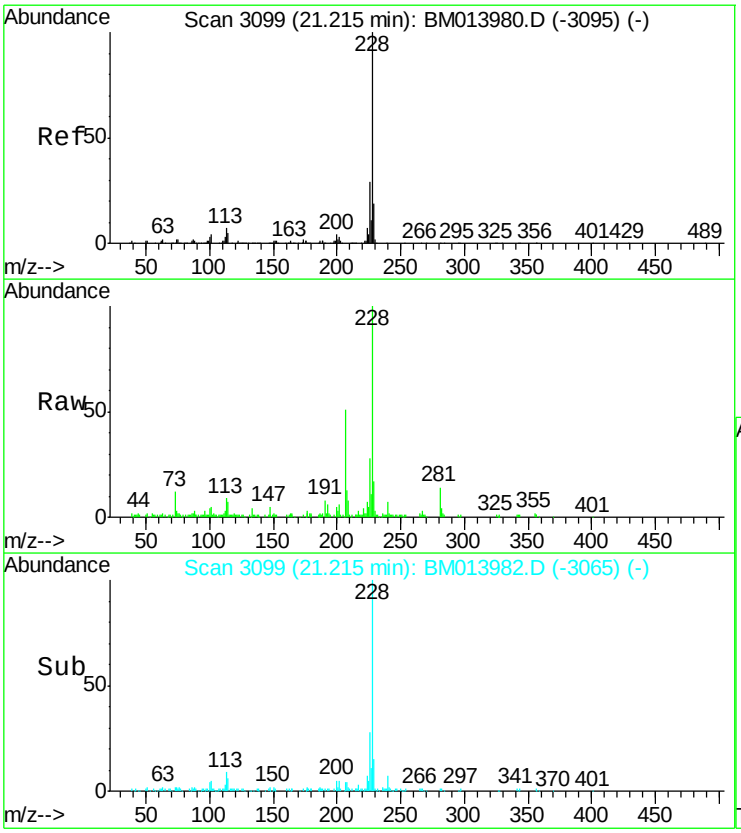
#80
Benzo(a)anthracene
Concen: 3.710 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tgt Ion:228 Resp: 159758

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	23.3	21.4	32.0

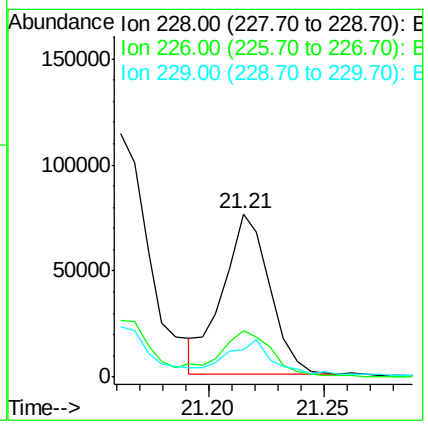


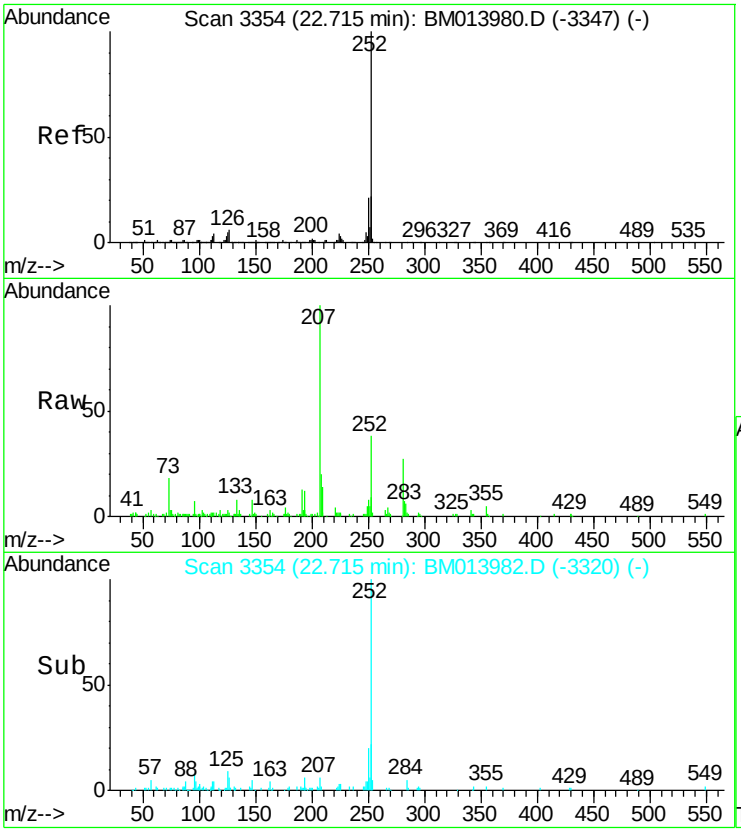


#82
Chrysene
Concen: 2.721 ng/ul
RT: 21.21 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Tgt Ion:228 Resp: 107482

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	16.5	15.5	23.3





#85
Benzo(b)fluoranthene
Concen: 1.473 ng/ul
RT: 22.71 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013982.D
Acq: 30 Jan 2018 05:41

Instrument :
BNA_M
ClientSampleId :
F6B33DL

Tgt Ion:252 Resp: 60858

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	8.7	3.6	5.4#