Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013958.D
Acq On : 29 Jan 2018 14:47
Operator : SJ/JU
Sample : J1243-10 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B33

Quant Time: Jan 30 01:13:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	92597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	389236	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	244075	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	557948	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	633742	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	597554	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	480	0.20	ng/uL	0.00
5) Phenol-d5	6.82	99	580	0.08	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.93	67	4931	1.14	ng/ul	0.01
9) 2-Chlorophenol-d4	7.12	132	5494	0.95	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	4867	0.89	ng/ul	0.03
19) Nitrobenzene-d5	8.76	128	3411	1.13	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	3021	0.95	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	5736	0.93	ng/ul	0.03
29) 4-Chloroaniline-d4	10.50	131	513	0.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	30690	1.53	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	34719	1.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	651	0.20	ng/ul	0.05
57) Fluorene-d10	15.22	176	25676	1.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	1104	0.33	ng/ul	0.03
70) Anthracene-d10	16.98	188	557948	20.53	ng/ul	-0.10
76) Pyrene-d10	19.39	212	47861	1.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	42637	1.55	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.39	128	1635330	84.450	ng/ul	99
30) 4-Chloroaniline	10.40	127	221791	41.816	ng/ul#	24
34) 2-Methylnaphthalene	12.02	142	760724	52.691	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	206984	10.188	ng/ul	99
49) Acenaphthene	14.29	153	583837	35.917	ng/ul	99
53) Dibenzofuran	14.63	168	799753	32.704	ng/ul	98
58) Fluorene	15.28	166	500133	24.967	ng/ul	96
60) 4-Nitroaniline	15.28	138	5745	1.629	ng/ul#	9
68) Pentachlorophenol	16.64	266	26249	6.964	ng/ul	98
69) Phenanthrene	17.03	178	3148619	101.522	ng/ul	99
71) Anthracene	17.12	178	381570	11.928	ng/ul	97
72) Carbazole	17.40	167	155427	5.886	ng/ul	99
74) Fluoranthene	19.05	202	1665655	44.992	ng/ul	98
77) Pyrene	19.42	202	1062154	27.569	ng/ul	98
80) Benzo(a)anthracene	21.17	228	209393	5.468	ng/ul	99
82) Chrysene	21.22	228	153462	4.368	ng/ul	97
88) Benzo(a)pyrene	23.27	252	45193	1.304	ng/ul#	97

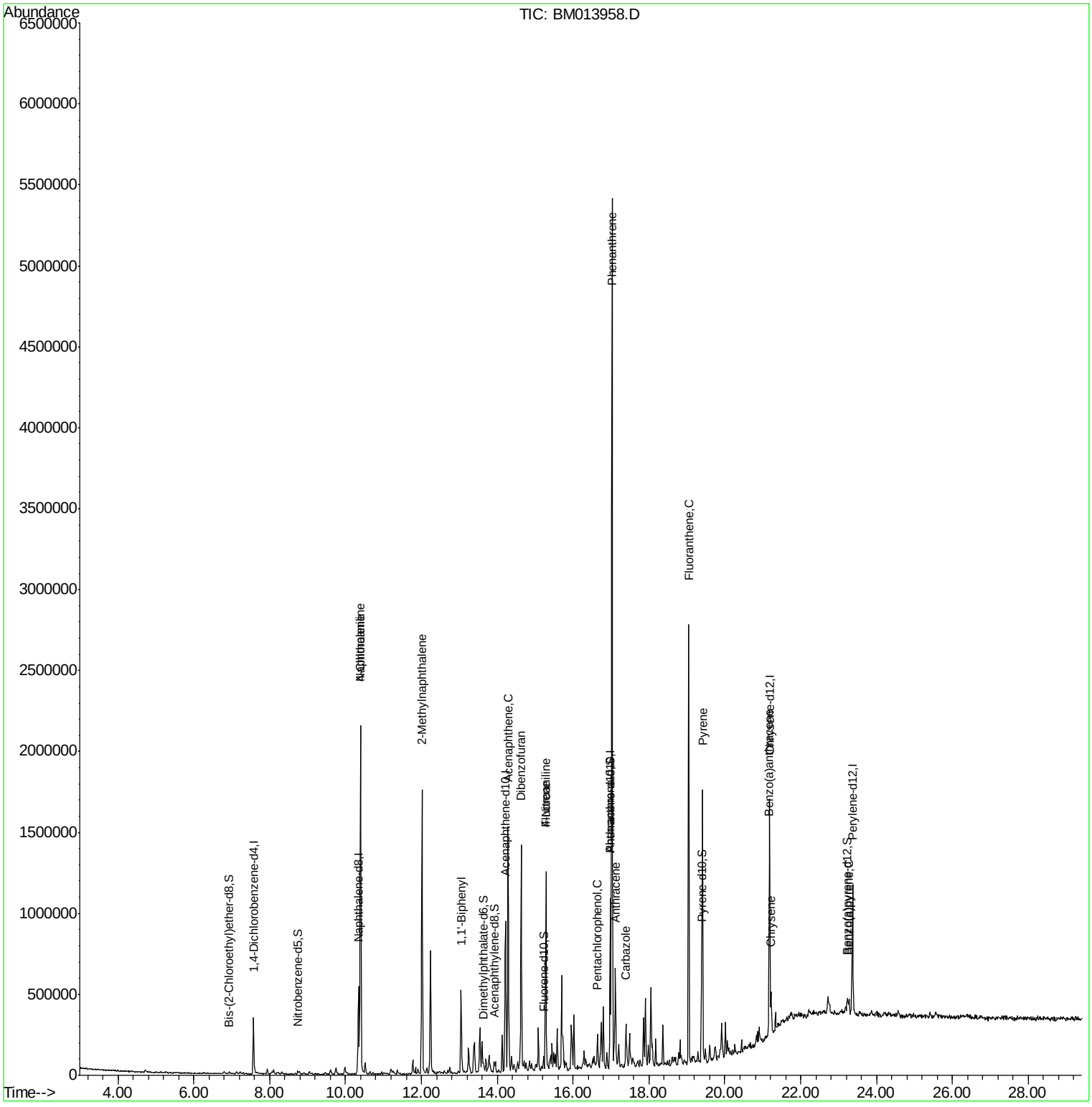
(#) = qualifier out of range (m) = manual integration (+) = signals summed

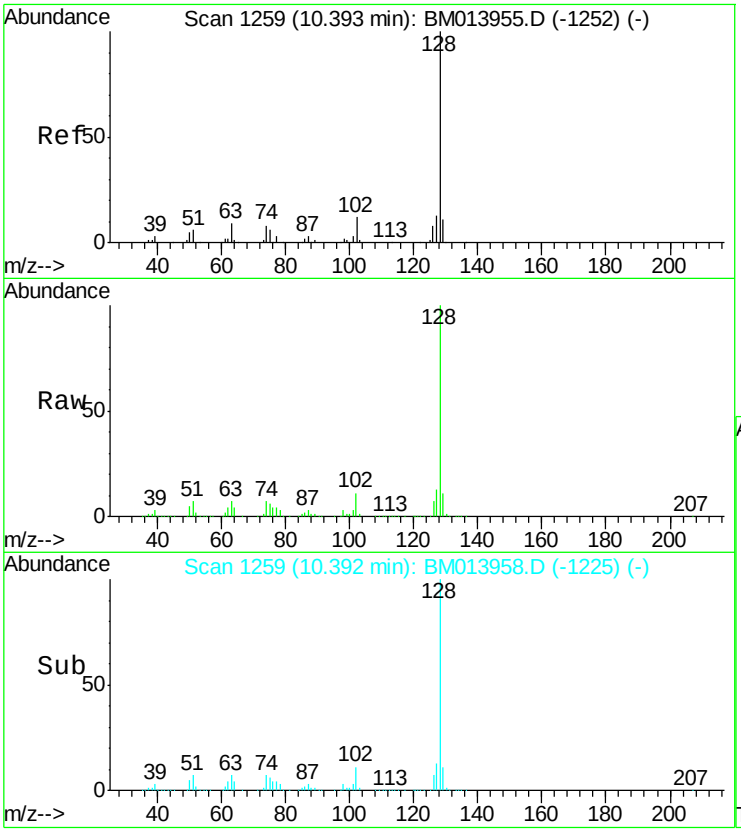
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013958.D
Acq On : 29 Jan 2018 14:47
Operator : SJ/JU
Sample : J1243-10 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B33

Quant Time: Jan 30 01:13:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration



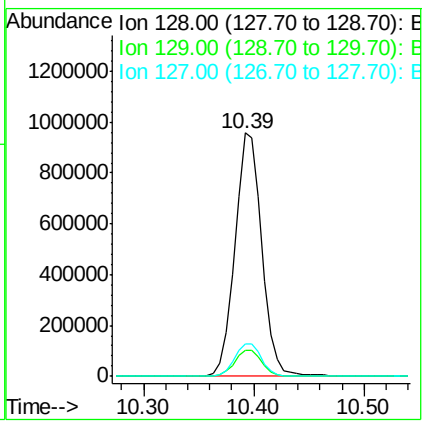


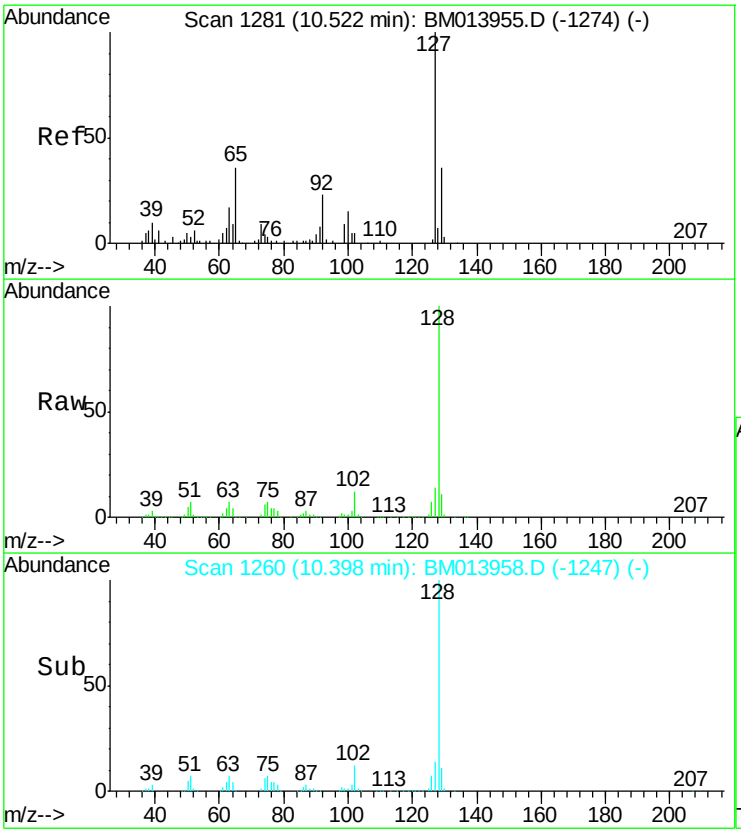
#28
Naphthalene
Concen: 84.450 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:128 Resp: 1635330

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.2	10.6	16.0

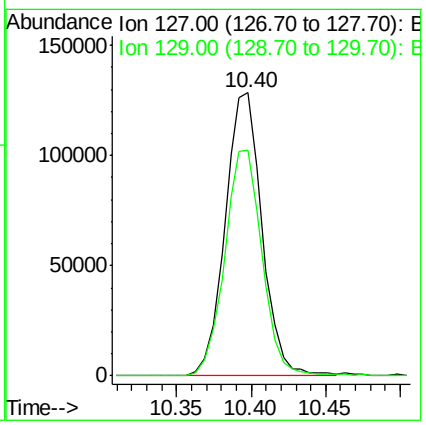


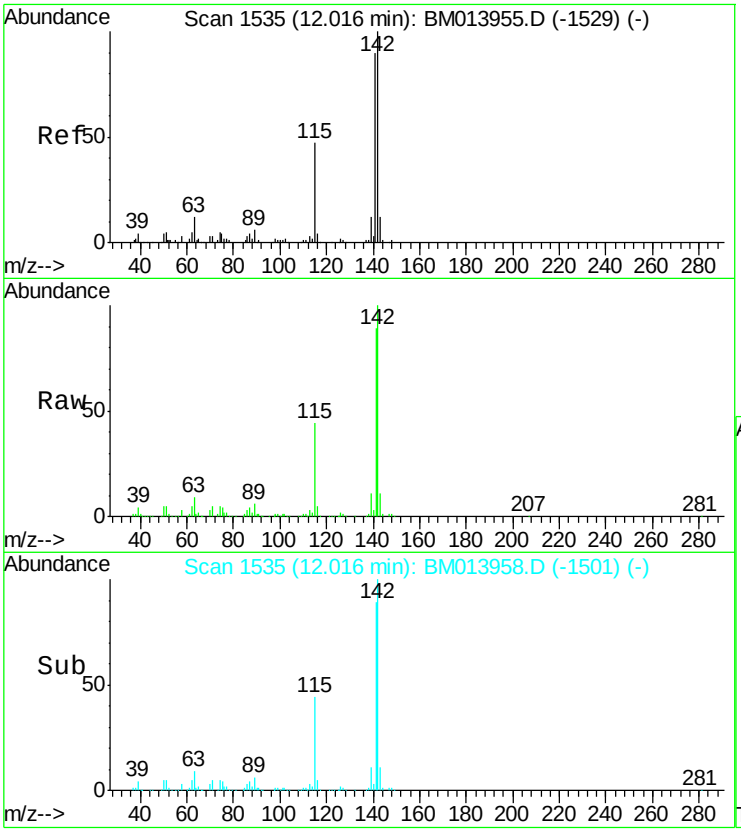


#30
4-Chloroaniline
Concen: 41.816 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.12 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:127 Resp: 221791

Ion	Ratio	Lower	Upper
127	100		
129	79.8	28.4	42.6#



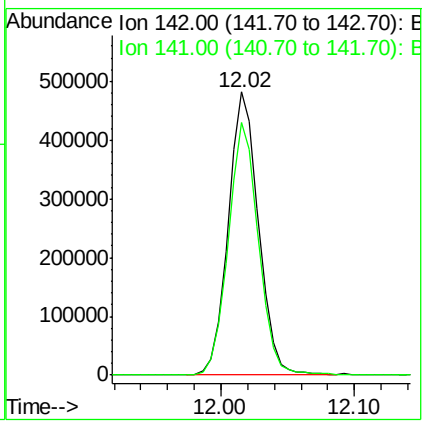


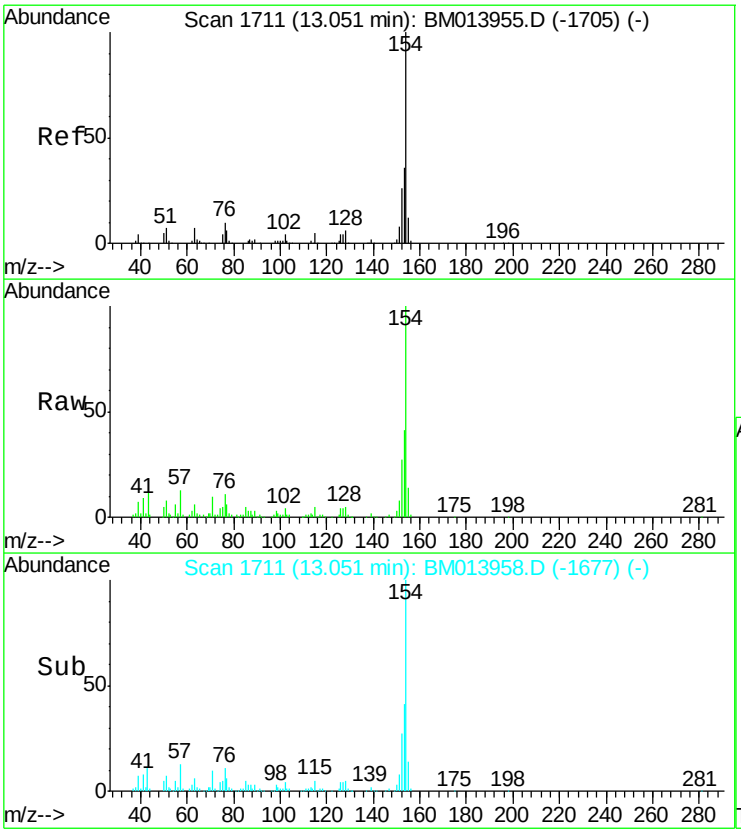
#34
2-Methylnaphthalene
Concen: 52.691 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:142 Resp: 760724

Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.1	111.1

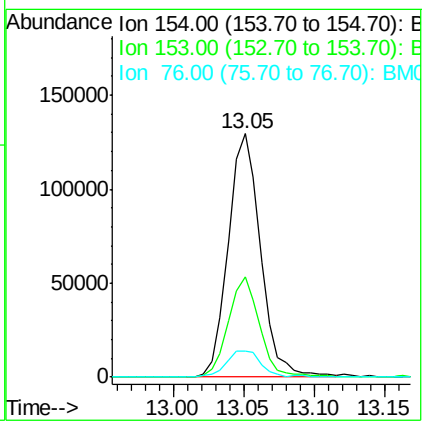


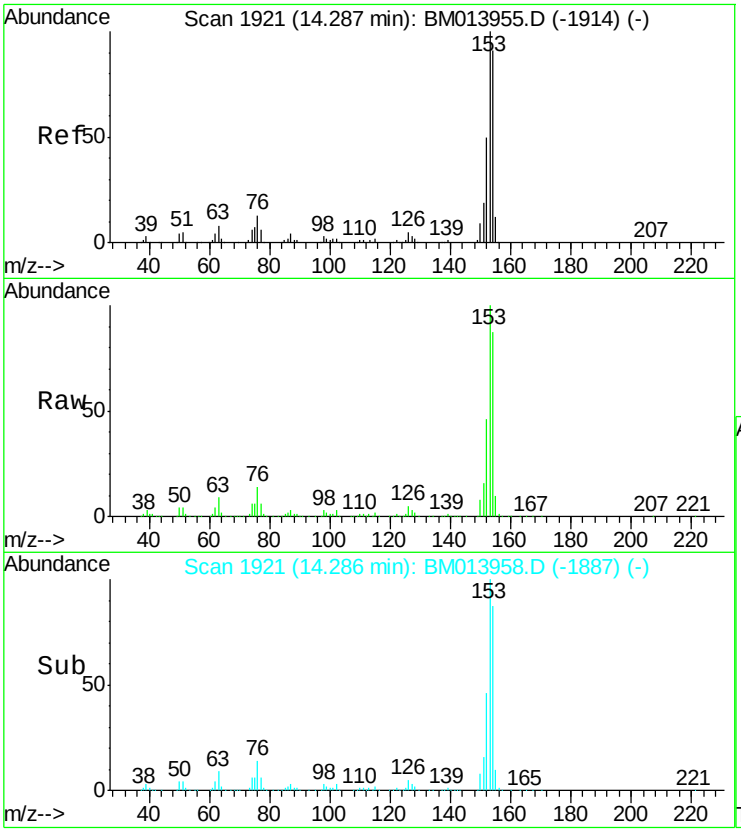


#40
1,1'-Biphenyl
Concen: 10.188 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:154 Resp: 206984

Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	48.8
76	10.5	8.5	12.7



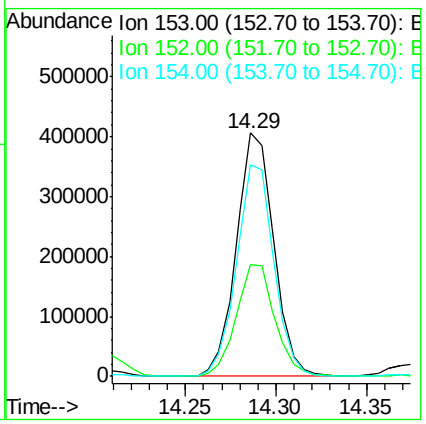


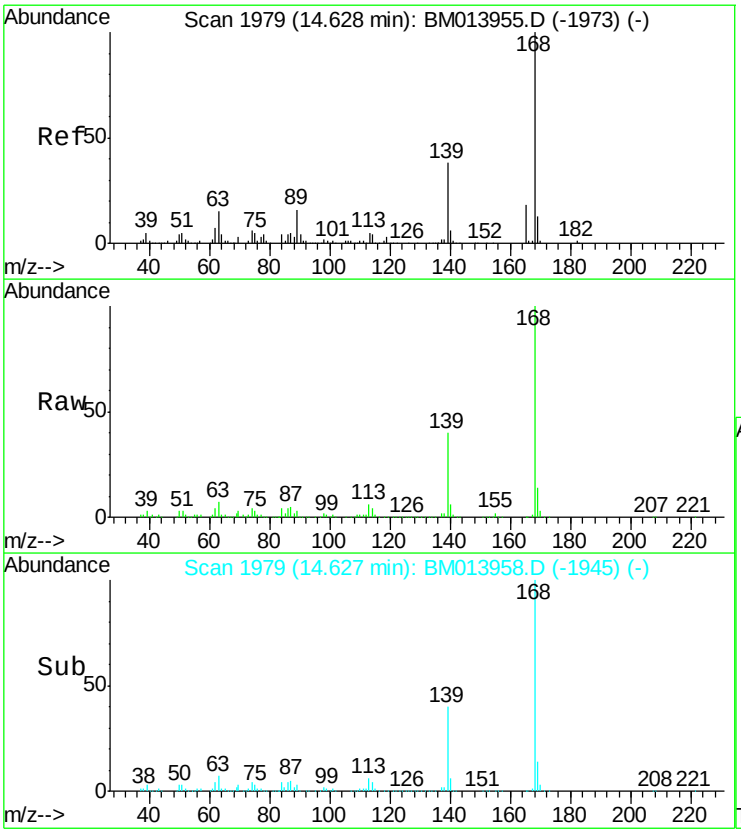
#49
Acenaphthene
Concen: 35.917 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:153 Resp: 583837

Ion	Ratio	Lower	Upper
153	100		
152	45.7	37.6	56.4
154	87.1	70.4	105.6

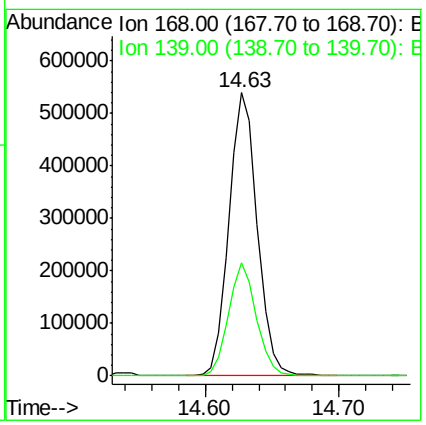


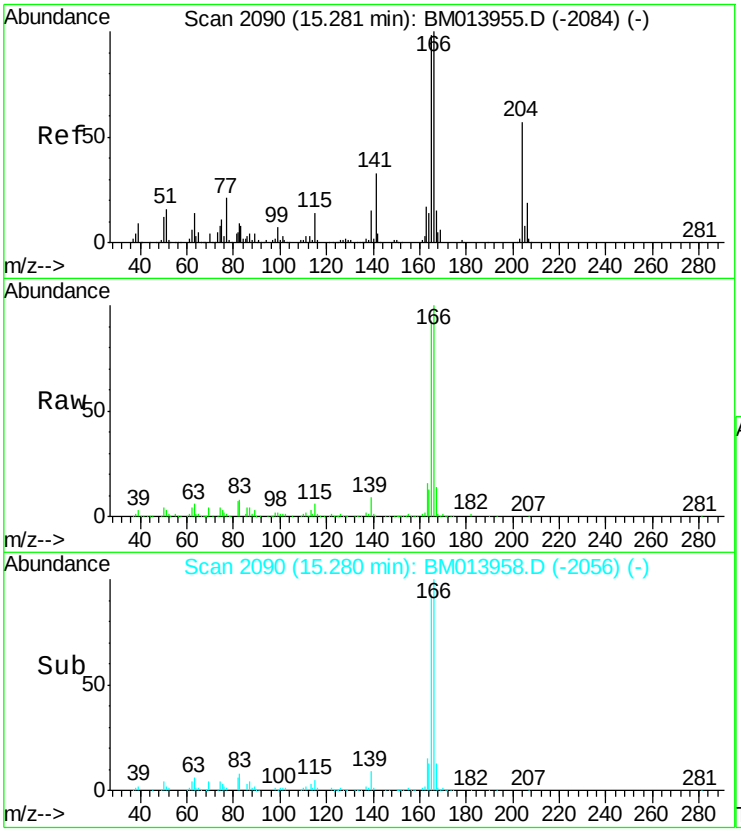


#53
Dibenzofuran
Concen: 32.704 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:168 Resp: 799753

Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.8	46.2



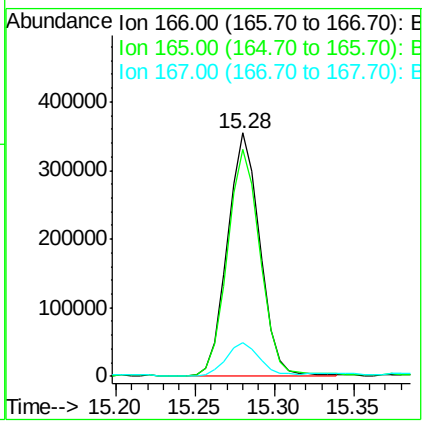


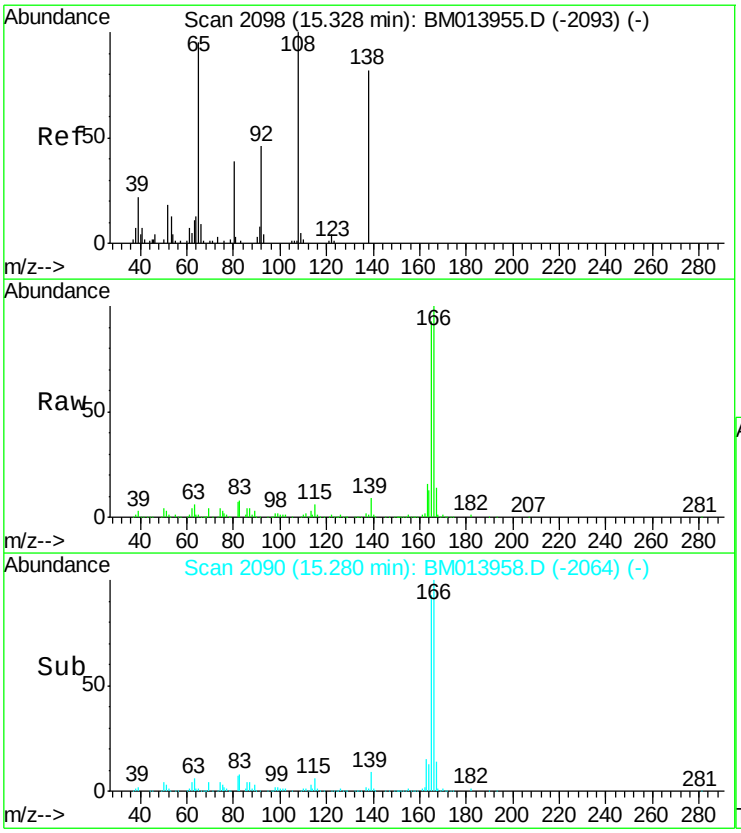
#58
Fluorene
Concen: 24.967 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:166 Resp: 500133

Ion	Ratio	Lower	Upper
166	100		
165	93.3	77.9	116.9
167	13.9	10.6	16.0

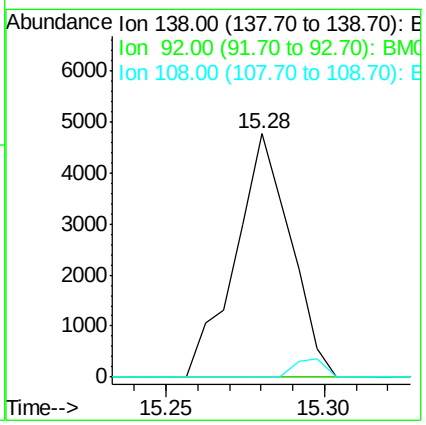


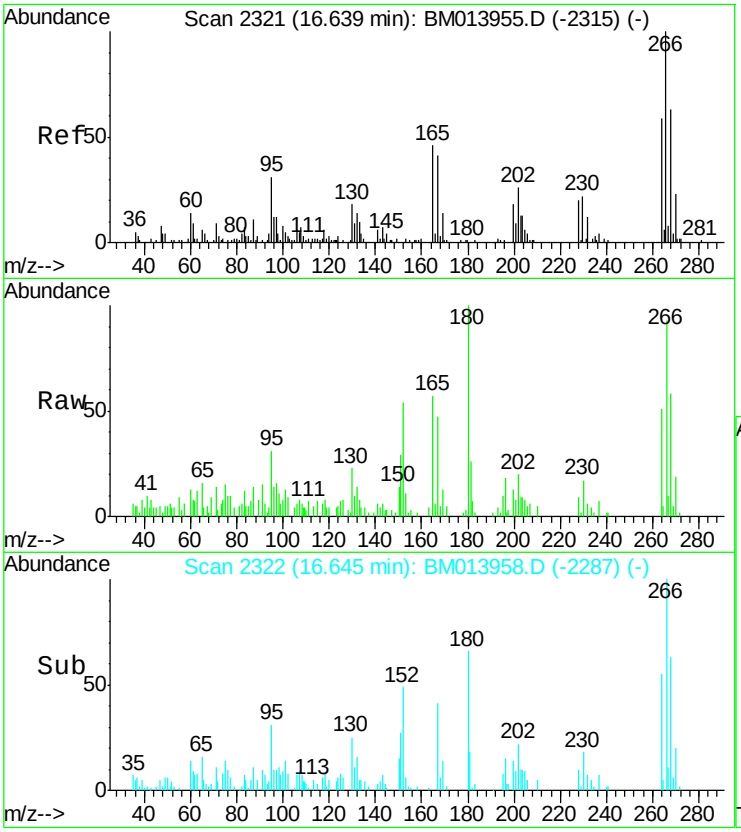


#60
4-Nitroaniline
Concen: 1.629 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.05 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:138 Resp: 5745

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



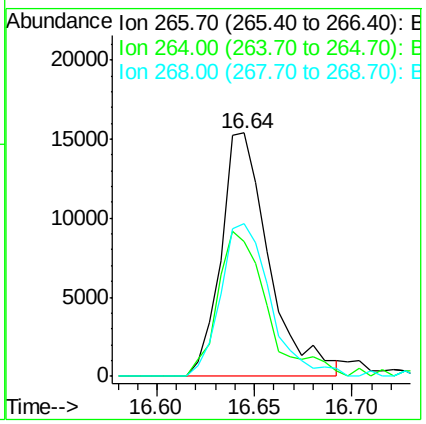


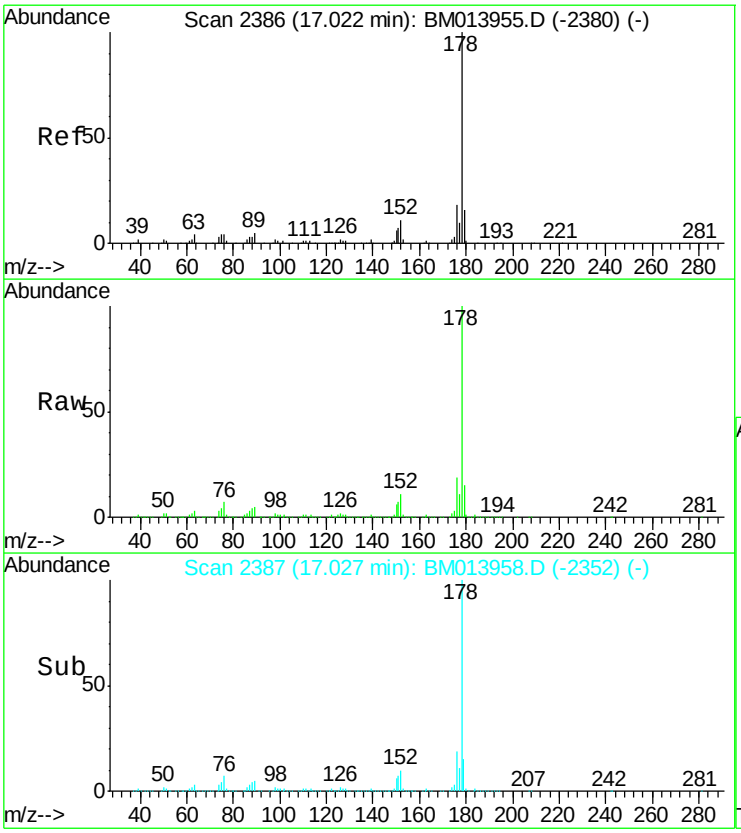
#68
Pentachlorophenol
Concen: 6.964 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:266 Resp: 26249

Ion	Ratio	Lower	Upper
266	100		
264	60.5	49.3	73.9
268	63.0	52.6	78.8

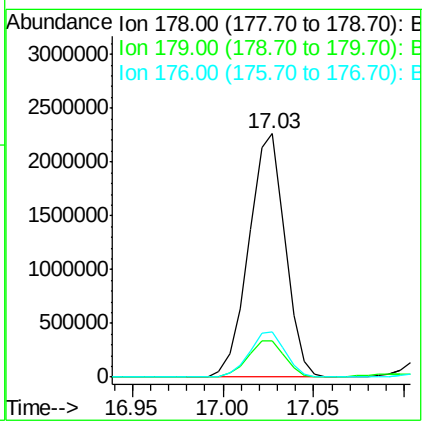


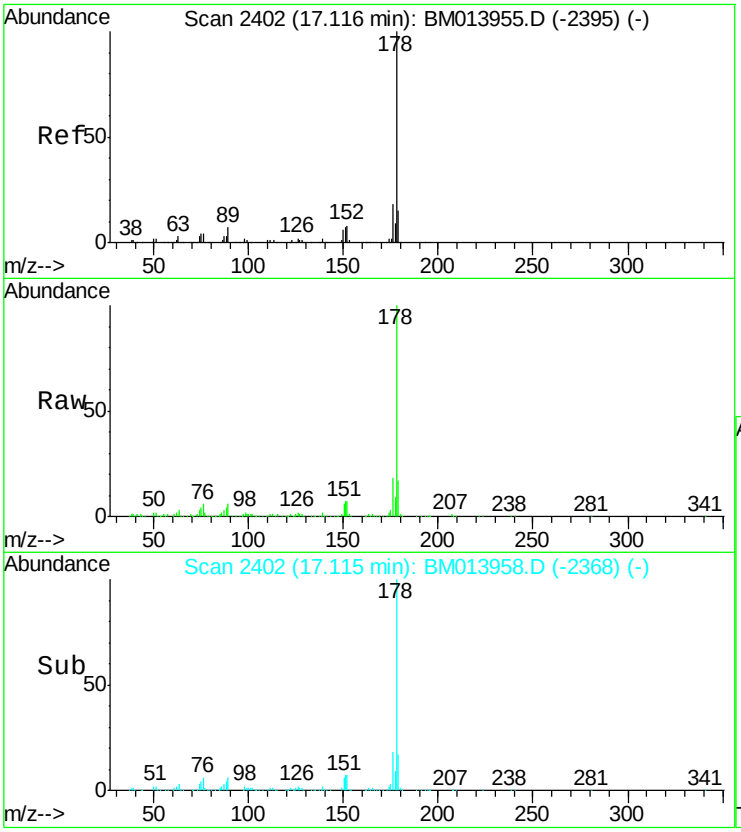


#69
Phenanthrene
Concen: 101.522 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:178 Resp: 3148619

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.6	14.9	22.3



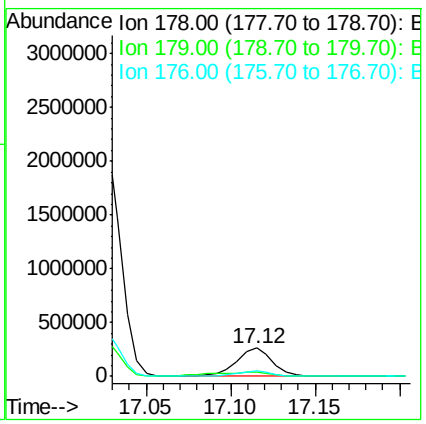


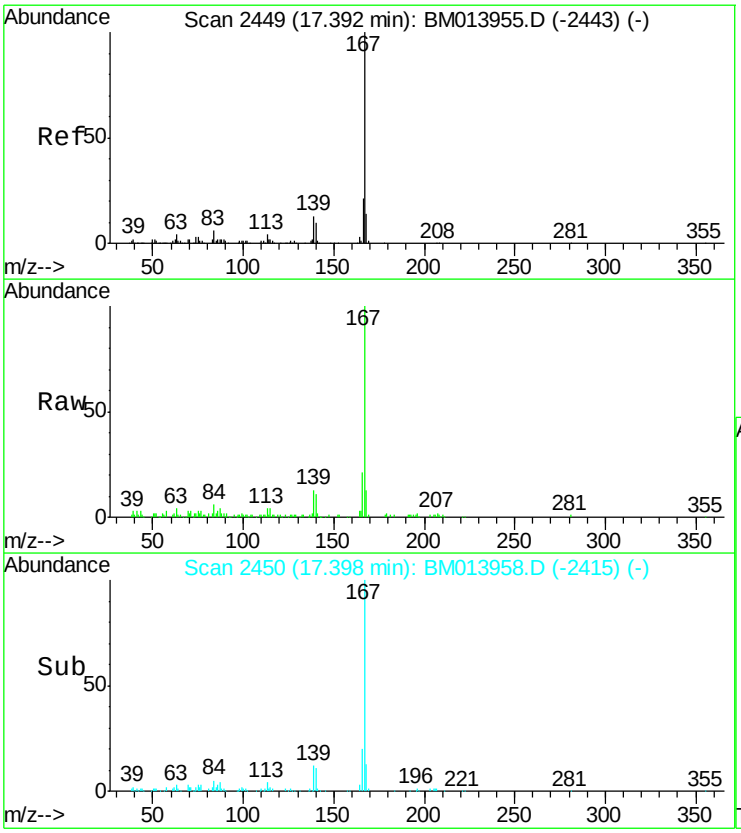
#71
Anthracene
Concen: 11.928 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:178 Resp: 381570

Ion	Ratio	Lower	Upper
178	100		
179	17.2	11.7	17.5
176	17.9	14.6	21.8

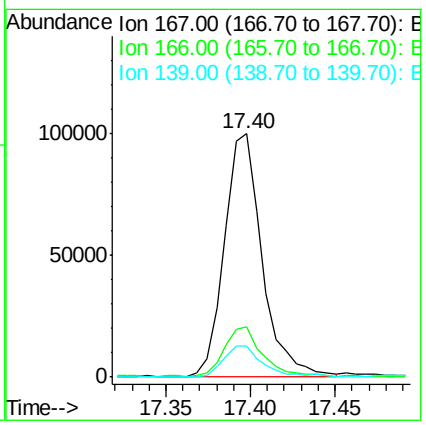


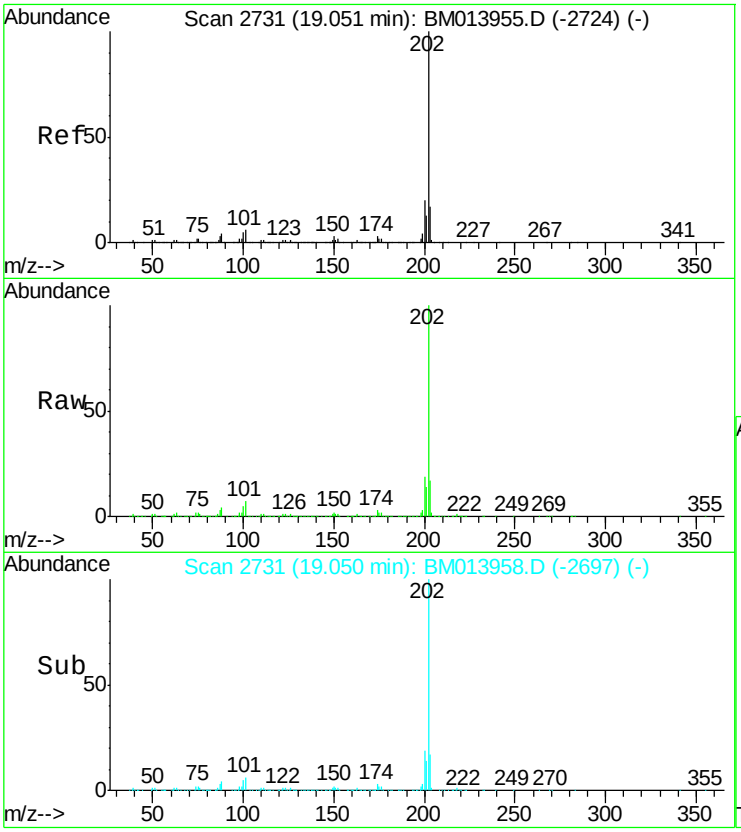


#72
Carbazole
Concen: 5.886 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:167 Resp: 155427

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	12.7	10.0	15.0



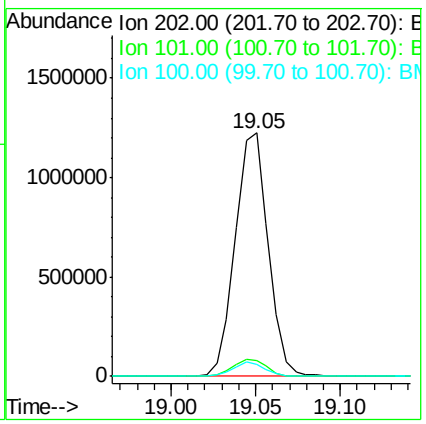


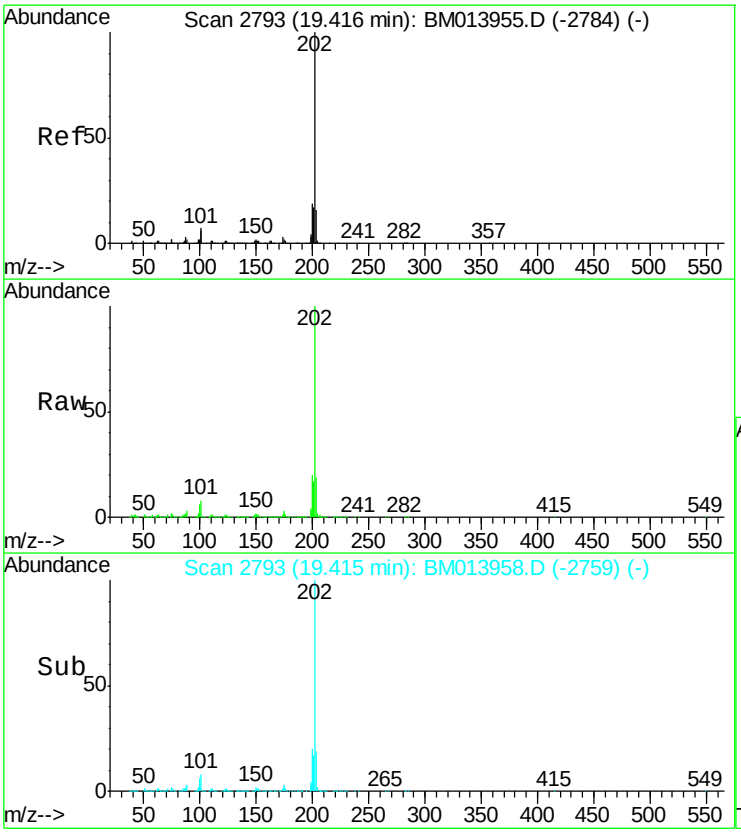
#74
Fluoranthene
Concen: 44.992 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:202 Resp: 1665655

Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	4.8	3.4	5.2

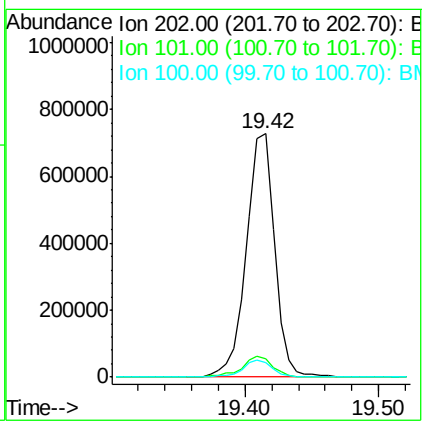


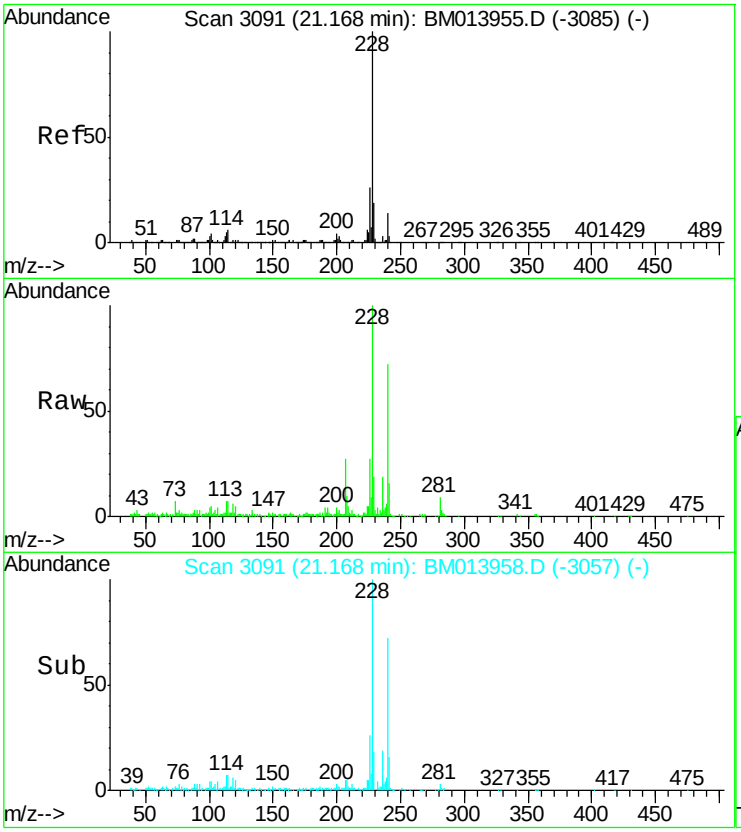


#77
Pyrene
Concen: 27.569 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:202 Resp: 1062154

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.1	7.7
100	5.8	4.9	7.3



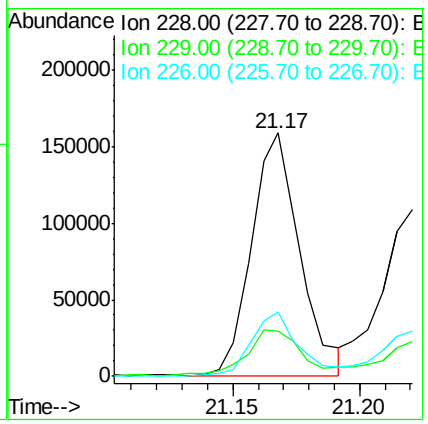


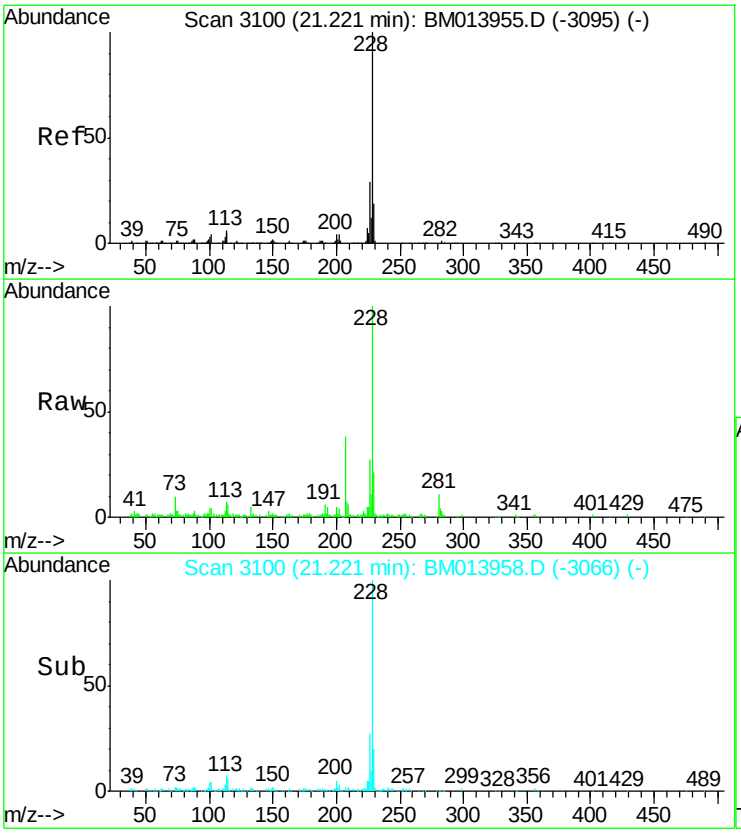
#80
Benzo(a)anthracene
Concen: 5.468 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:228 Resp: 209393

Ion	Ratio	Lower	Upper
228	100		
229	18.5	15.4	23.0
226	26.6	21.4	32.0

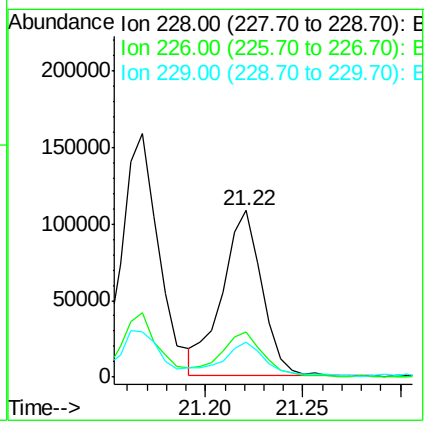


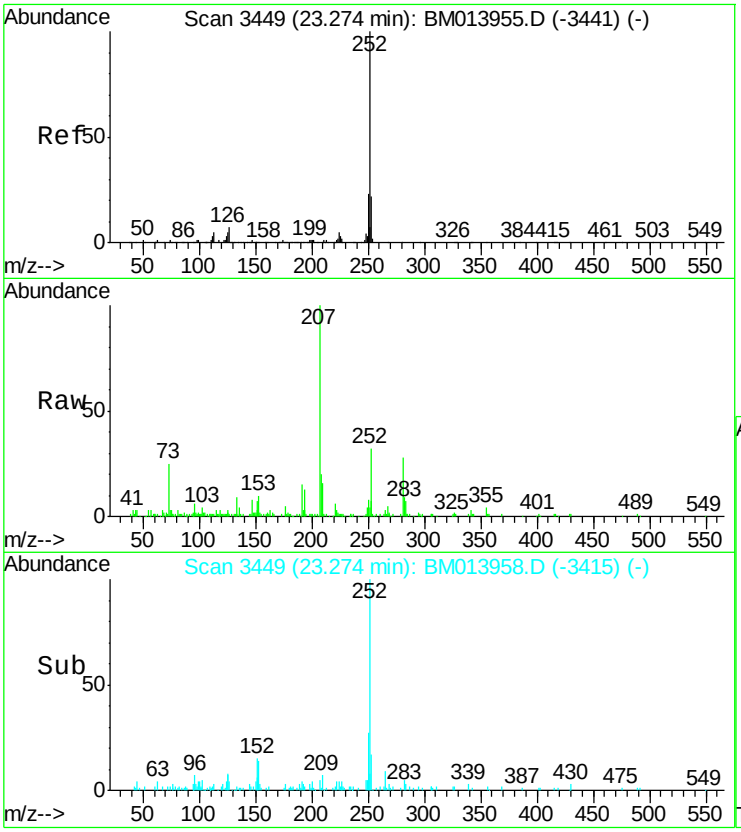


#82
Chrysene
Concen: 4.368 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Tgt Ion:228 Resp: 153462

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.4	35.2
229	20.9	15.5	23.3





#88
Benzo(a)pyrene
Concen: 1.304 ng/ul
RT: 23.27 min Scan# 3449
Delta R.T. -0.00 min
Lab File: BM013958.D
Acq: 29 Jan 2018 14:47

Instrument :
BNA_M
ClientSampleId :
F6B33

Tgt Ion:252 Resp: 45193

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.5	4.0	6.0#