Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013385.D
Acq On : 13 Dec 2017 21:58
Operator : SJ/JU
Sample : I6759-12ME
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 14 01:23:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	204070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	871664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	530093	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1209962	20.00	ng/ul	0.01
75) Chrysene-d12	21.27	240	1357036	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1163691	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	13035	3.16	ng/uL	0.00
5) Phenol-d5	6.86	99	310866	17.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	195366	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	257237	18.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	277312	18.38	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	144246	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	151569	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	280368	18.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	324416	23.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	953438	20.21	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1137032	19.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	115185	14.05	ng/ul	0.00
57) Fluorene-d10	15.32	176	806611	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	103801	13.64	ng/ul	0.02
70) Anthracene-d10	17.19	188	1236342	20.40	ng/ul	0.01
76) Pyrene-d10	19.48	212	1402930	20.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1126045	19.00	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.51	128	1012061	22.567	ng/ul	99
30) 4-Chloroaniline	10.51	127	133046	9.808	ng/ul#	11
34) 2-Methylnaphthalene	12.13	142	974615	28.910	ng/ul	94
40) 1,1'-Biphenyl	13.15	154	52813	1.179	ng/ul#	94
44) Dimethylphthalate	13.79	163	120518	2.671	ng/ul	98
47) Acenaphthylene	14.05	152	267678	4.969	ng/ul#	93
48) 3-Nitroaniline	14.40	138	11668	1.419	ng/ul#	1
49) Acenaphthene	14.40	153	11393486	310.478	ng/ul	98
53) Dibenzofuran	14.73	168	8350271	154.138	ng/ul	100
58) Fluorene	15.39	166	9563232	213.386	ng/ul	98
60) 4-Nitroaniline	15.39	138	109712	11.306	ng/ul#	11
68) Pentachlorophenol	16.75	266	24748	2.728	ng/ul	95
69) Phenanthrene	17.22	178	3666553	53.339	ng/ul	98
71) Anthracene	17.22	178	3666553	52.183	ng/ul	98
72) Carbazole	17.49	167	2026292	33.528	ng/ul	100
80) Benzo(a)anthracene	21.26	228	5136141	59.653	ng/ul	98
82) Chrysene	21.31	228	3963921	49.624	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	2264607	28.868	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	2264607	30.676	ng/ul#	96
88) Benzo(a)pyrene	23.40	252	1081310	15.345	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	286216	4.093	ng/ul	99
91) Benzo(g,h,i)perylene	26.40	276	165609	3.003	ng/ul#	87

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013385.D
Acq On : 13 Dec 2017 21:58
Operator : SJ/JU
Sample : I6759-12ME
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 14 01:23:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

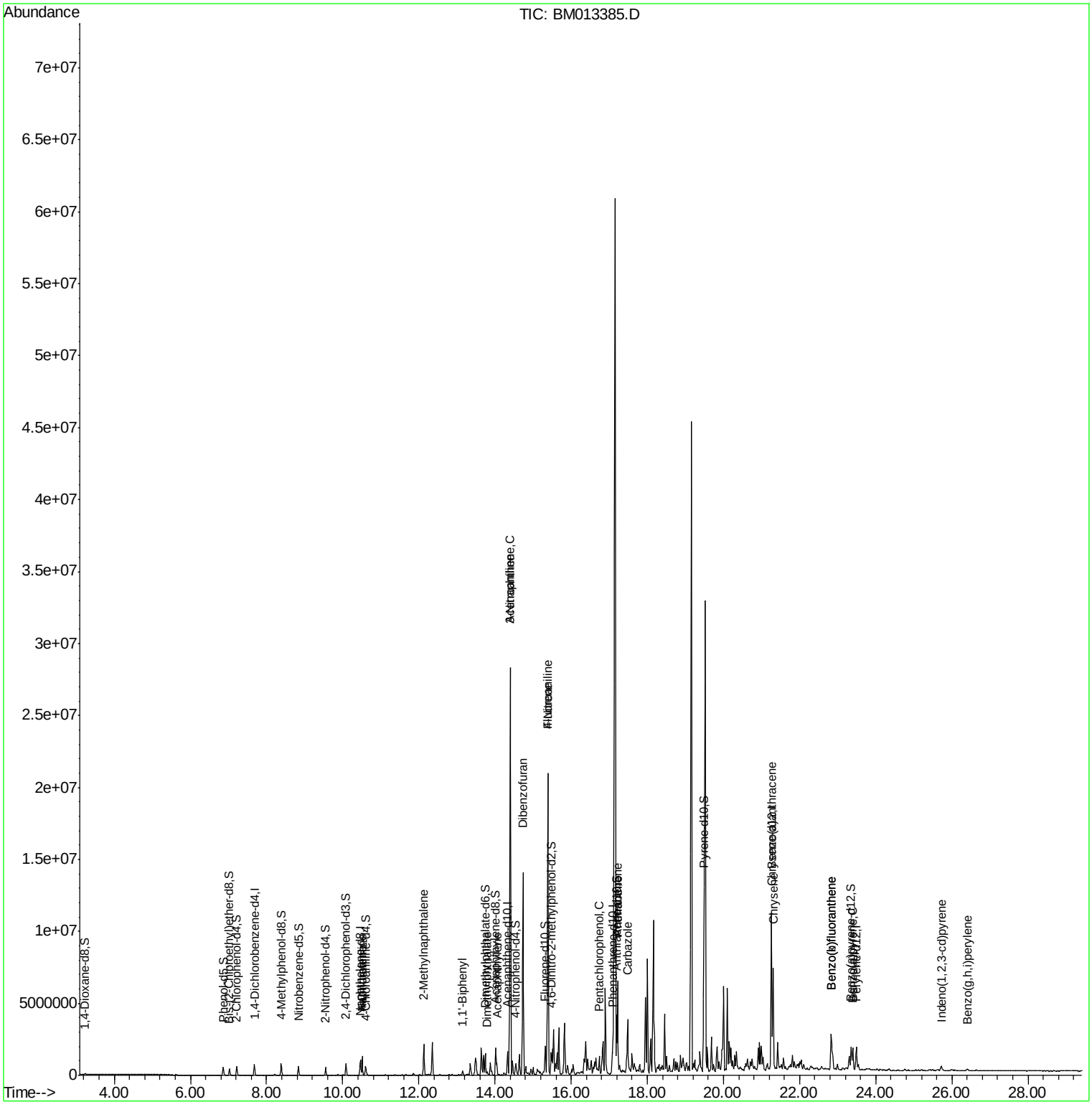
(#) = qualifier out of range (m) = manual integration (+) = signals summed

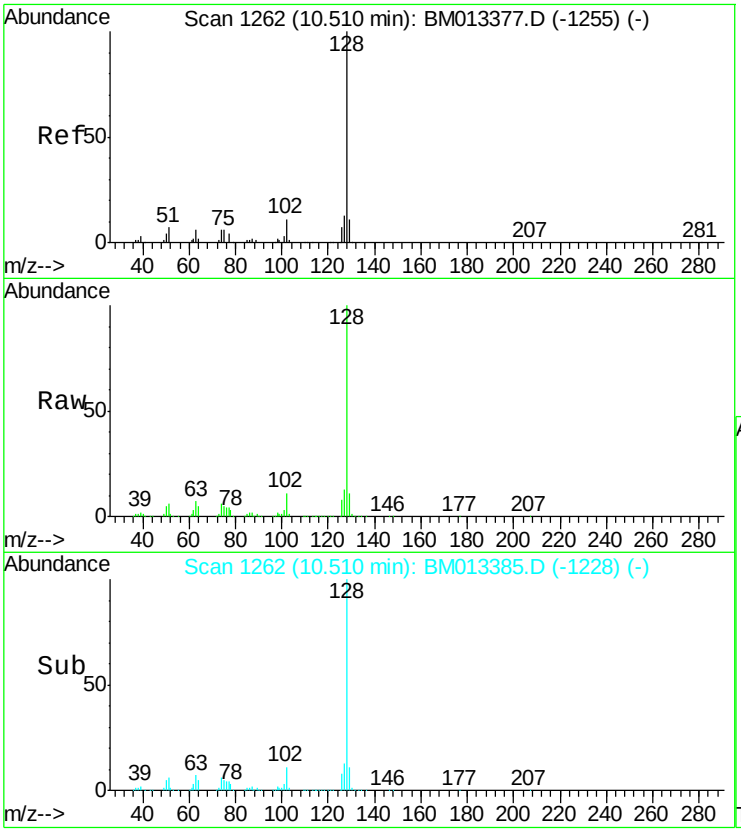
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013385.D
Acq On : 13 Dec 2017 21:58
Operator : SJ/JU
Sample : I6759-12ME
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 14 01:23:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration



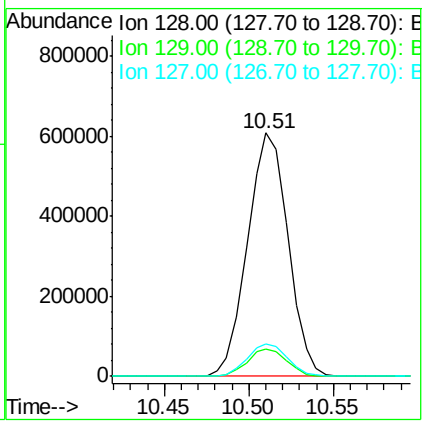


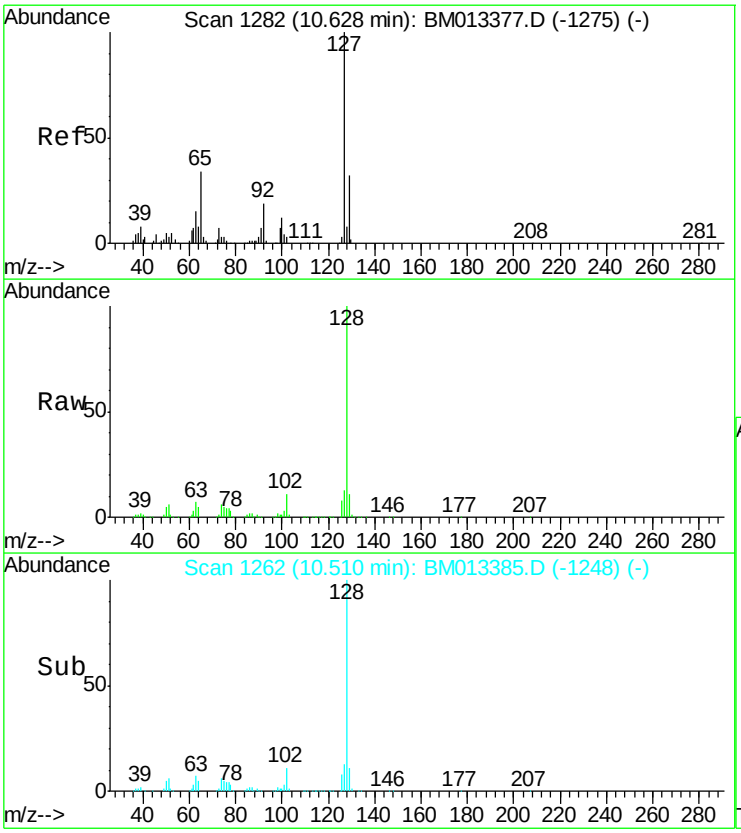
#28
Naphthalene
Concen: 22.567 ng/ul
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1012061

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.1	10.6	16.0

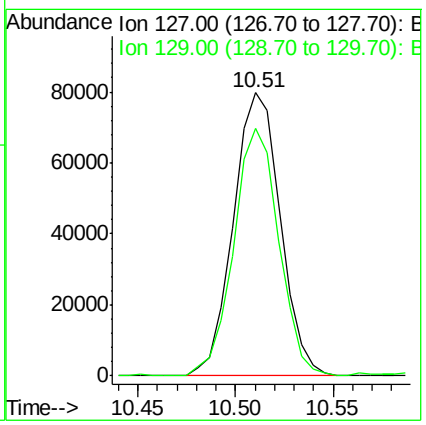


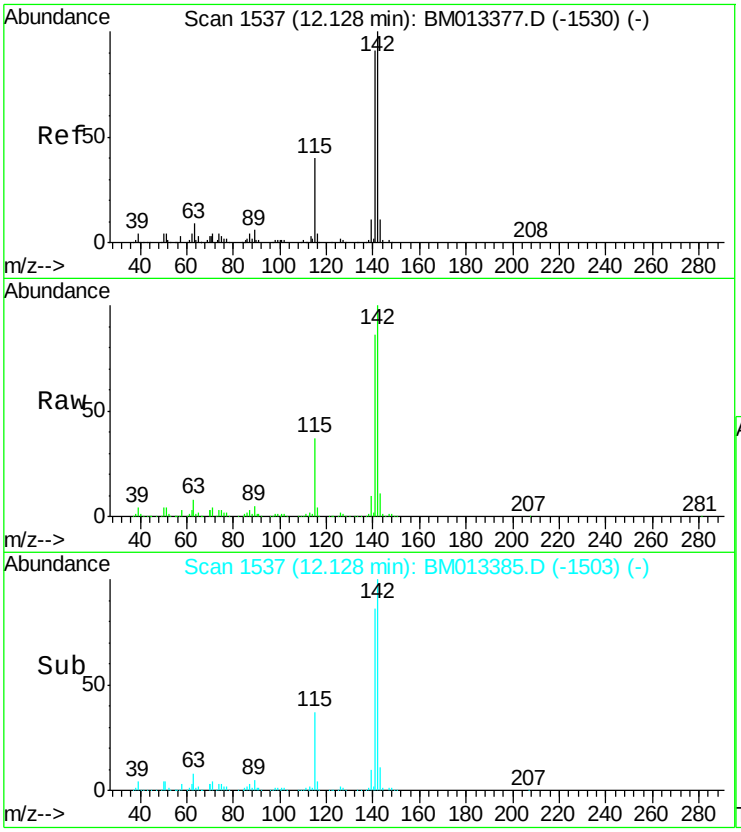


#30
4-Chloroaniline
Concen: 9.808 ng/ul
RT: 10.51 min Scan# 1262
Delta R.T. -0.12 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:127 Resp: 133046

Ion	Ratio	Lower	Upper
127	100		
129	87.2	28.4	42.6#



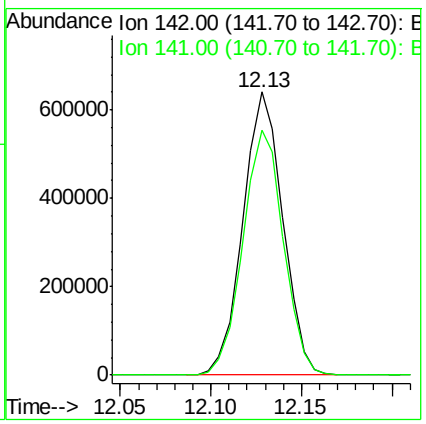


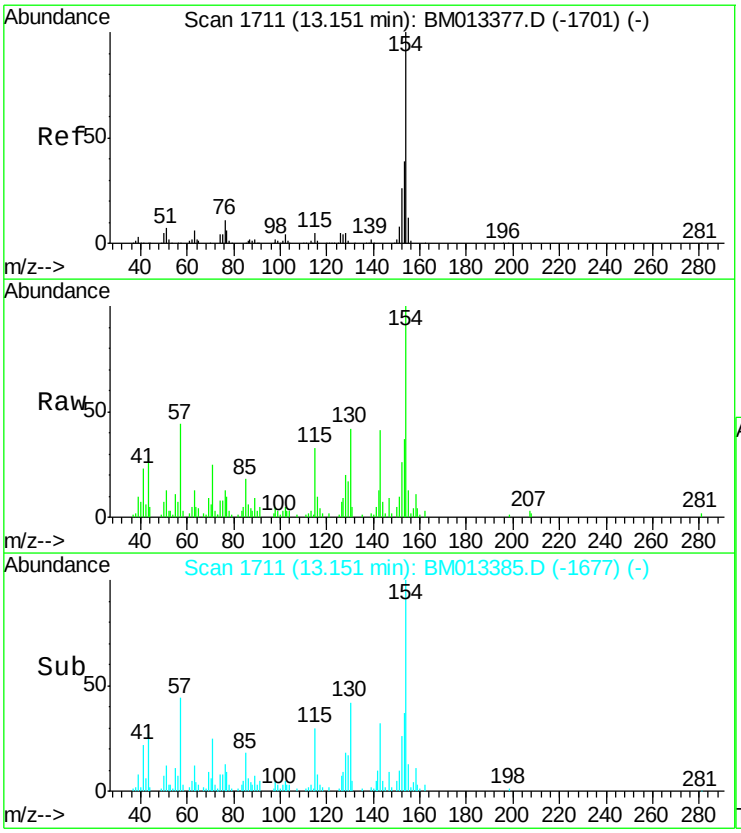
#34
2-Methylnaphthalene
Concen: 28.910 ng/ul
RT: 12.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 974615

Ion	Ratio	Lower	Upper
142	100		
141	86.5	74.1	111.1

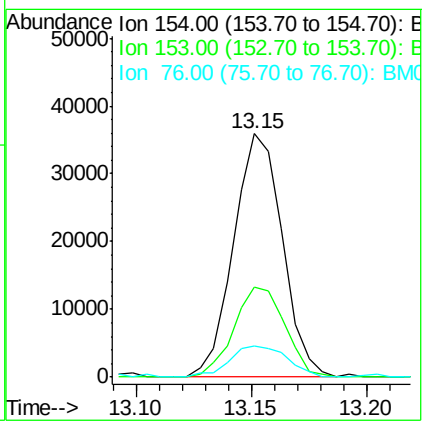


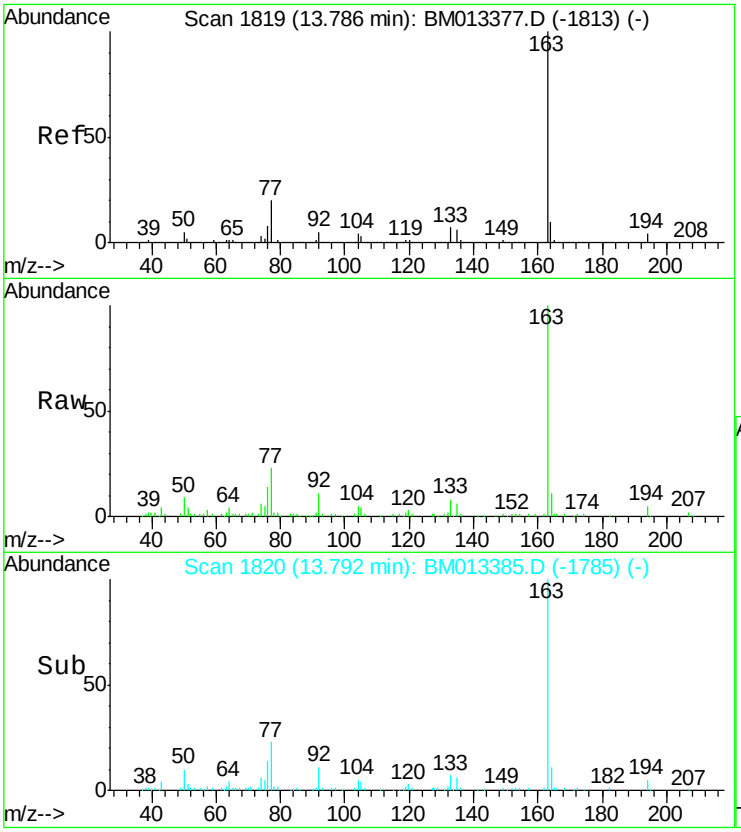


#40
1,1'-Biphenyl
Concen: 1.179 ng/ul
RT: 13.15 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:154 Resp: 52813

Ion	Ratio	Lower	Upper
154	100		
153	36.9	32.6	48.8
76	12.7	8.5	12.7#



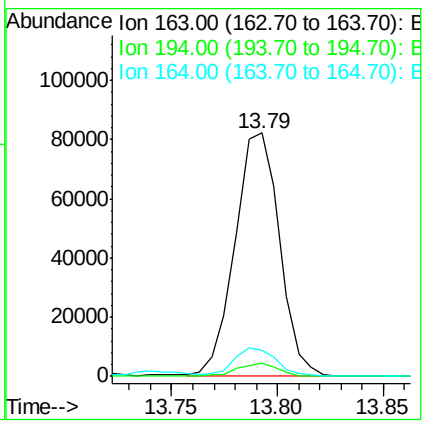


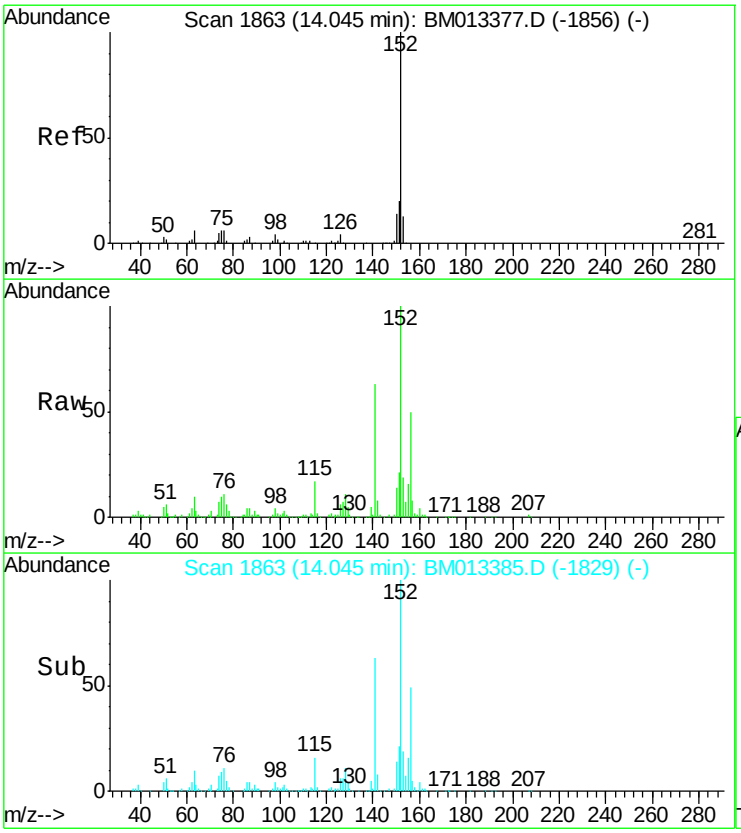
#44
Dimethylphthalate
Concen: 2.671 ng/ul
RT: 13.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 120518

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	10.7	8.2	12.4

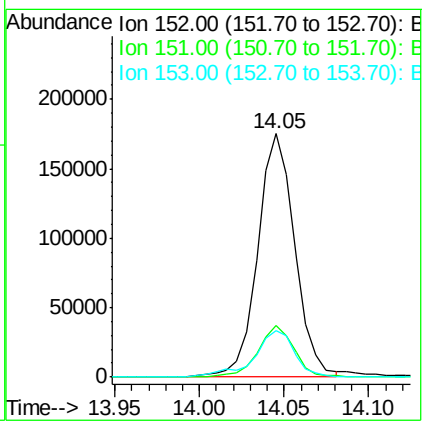


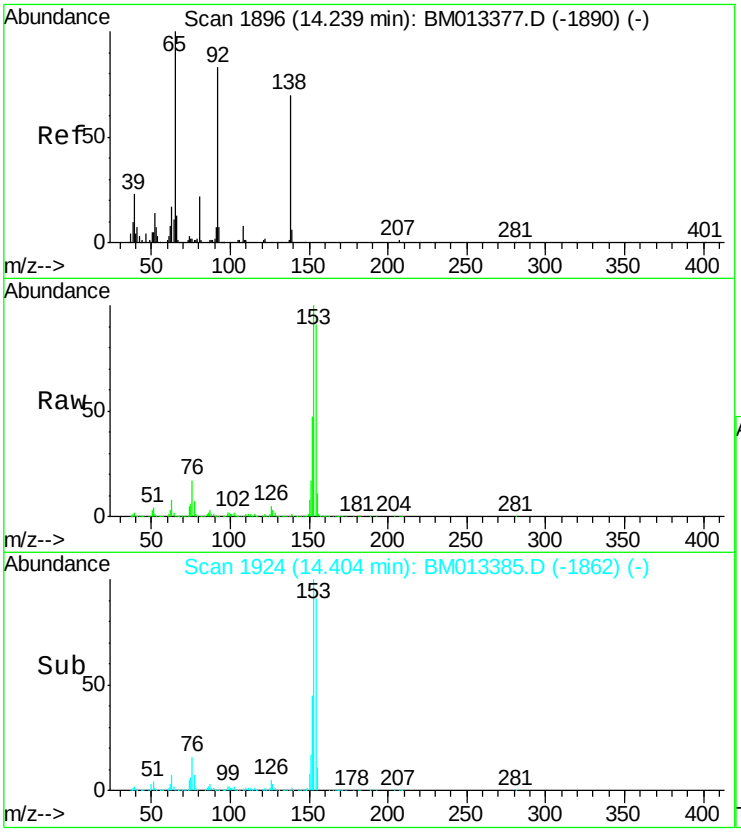


#47
Acenaphthylene
Concen: 4.969 ng/ul
RT: 14.05 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:152 Resp: 267678

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	19.2	10.2	15.4#



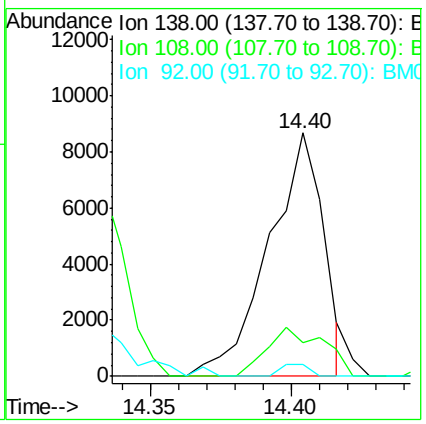


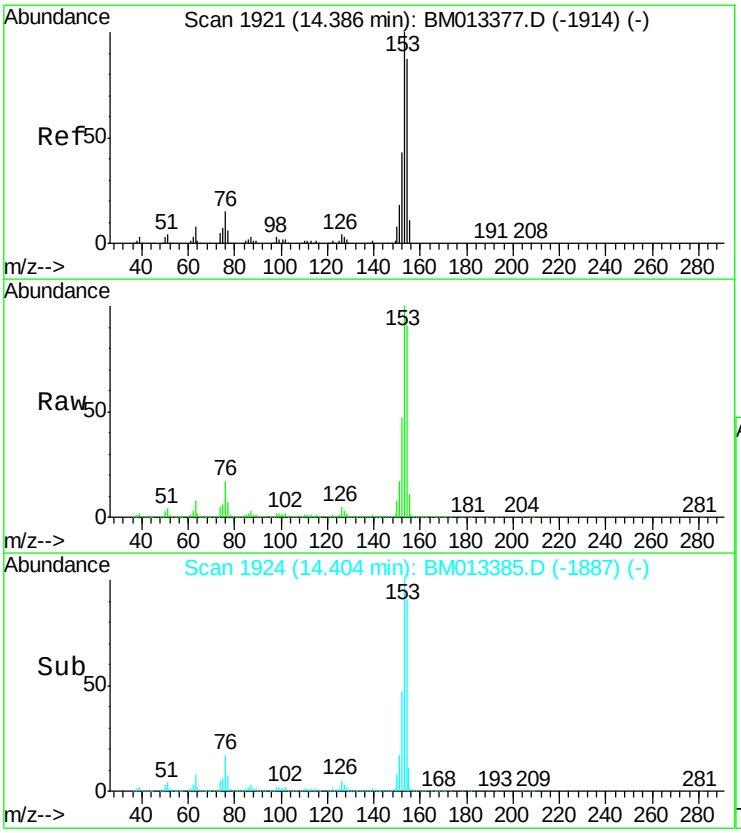
#48
3-Nitroaniline
Concen: 1.419 ng/ul
RT: 14.40 min Scan# 1924
Delta R.T. 0.17 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 11668

Ion	Ratio	Lower	Upper
138	100		
108	13.8	9.9	14.9
92	5.0	105.0	157.4#

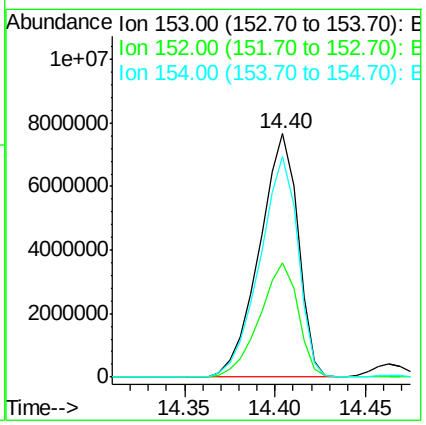


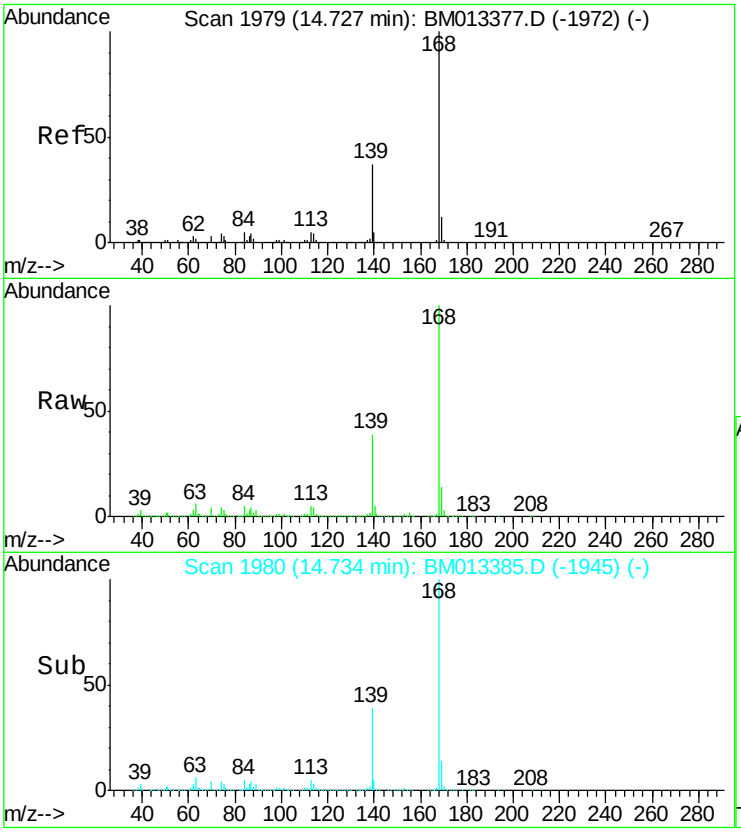


#49
Acenaphthene
Concen: 310.478 ng/ul
RT: 14.40 min Scan# 1924
Delta R.T. 0.02 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:153 Resp:11393486

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.6	56.4
154	90.5	70.4	105.6



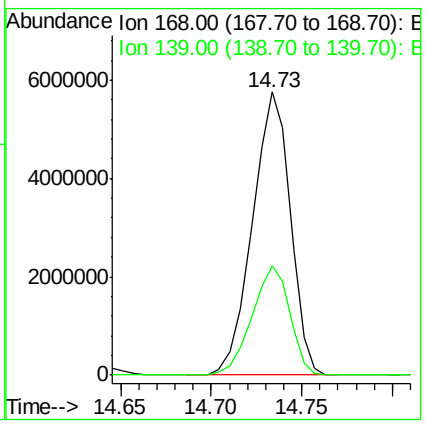


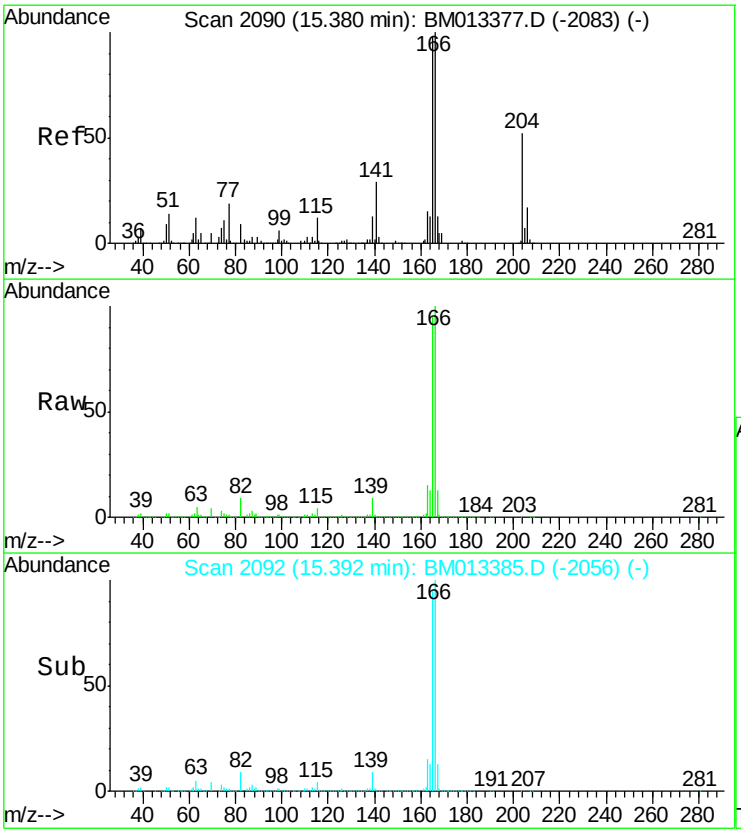
#53
Dibenzofuran
Concen: 154.138 ng/ul
RT: 14.73 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 8350271

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.8	46.2

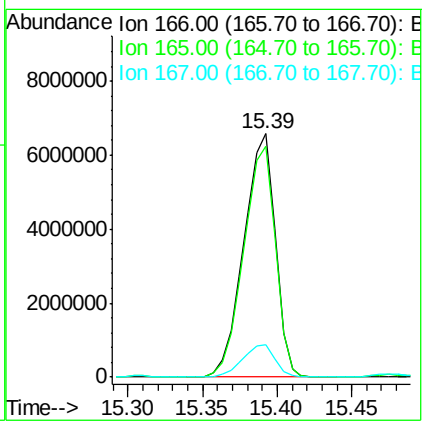


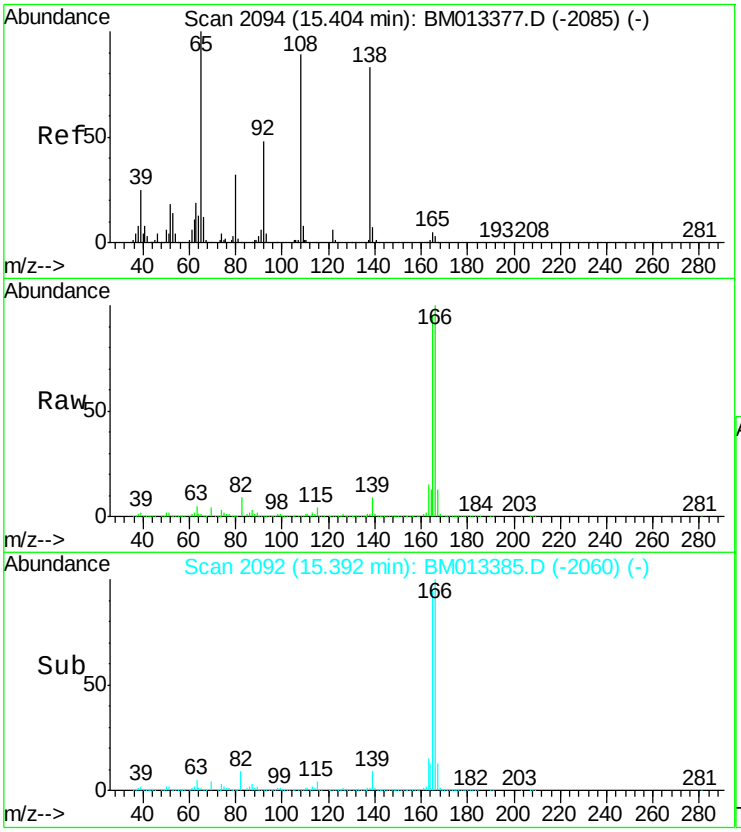


#58
Fluorene
Concen: 213.386 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:166 Resp: 9563232

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.9	116.9
167	13.3	10.6	16.0



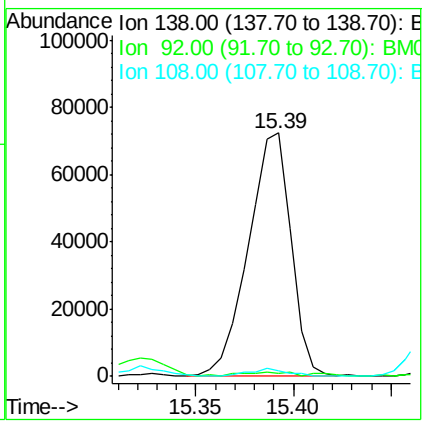


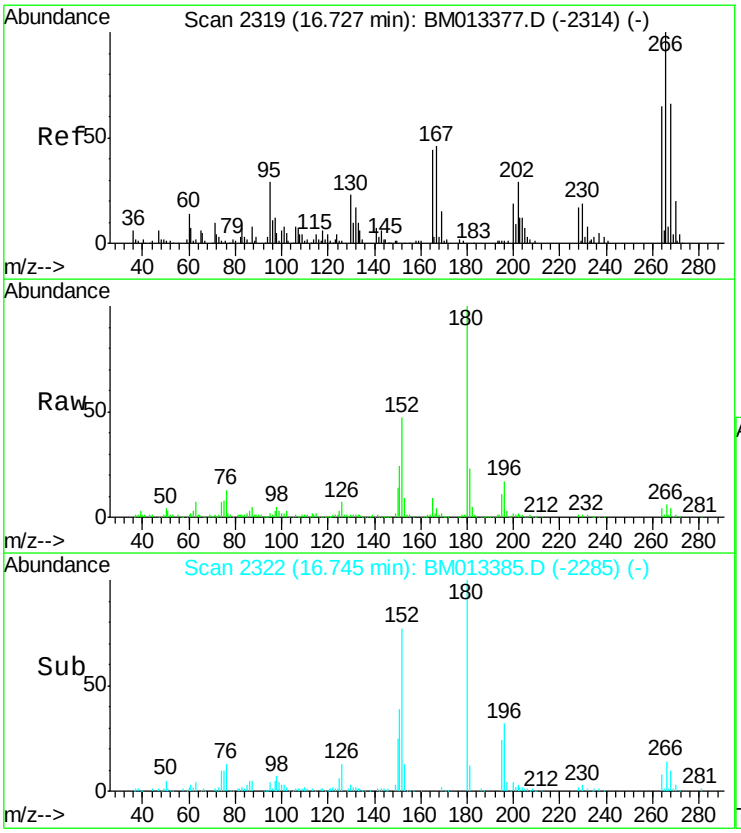
#60
4-Nitroaniline
Concen: 11.306 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 109712

Ion	Ratio	Lower	Upper
138	100		
92	1.3	40.0	60.0#
108	2.2	80.0	120.0#

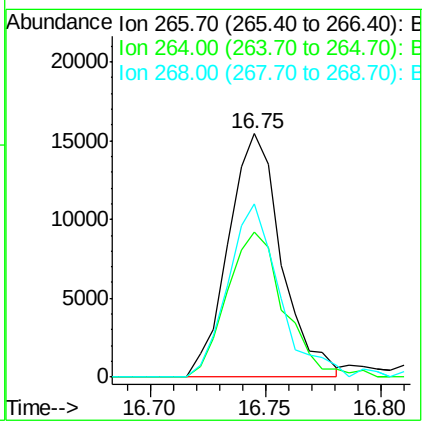


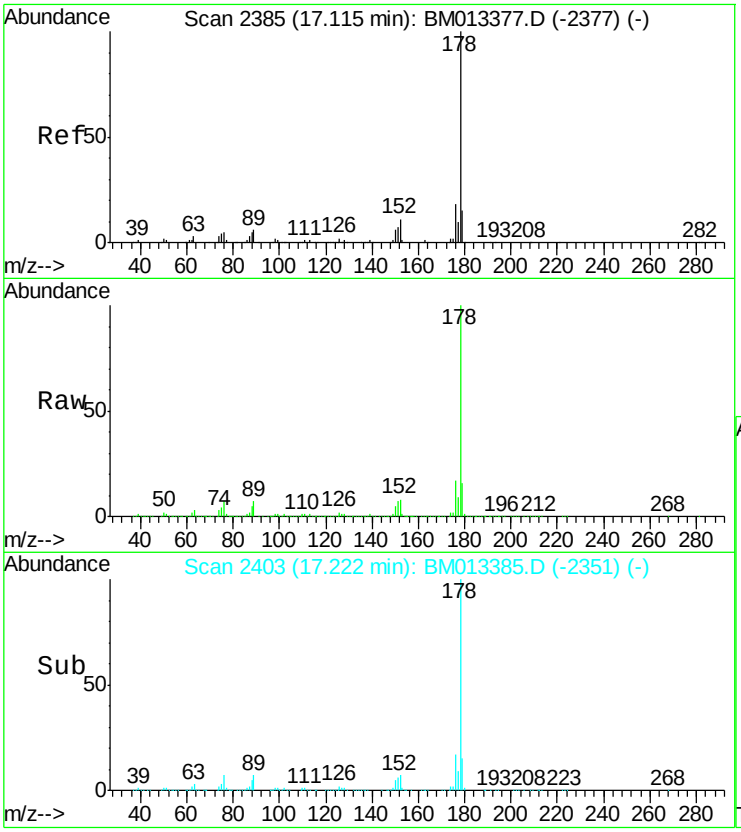


#68
Pentachlorophenol
Concen: 2.728 ng/ul
RT: 16.75 min Scan# 2322
Delta R.T. 0.02 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:266 Resp: 24748

Ion	Ratio	Lower	Upper
266	100		
264	59.5	49.3	73.9
268	71.1	52.6	78.8



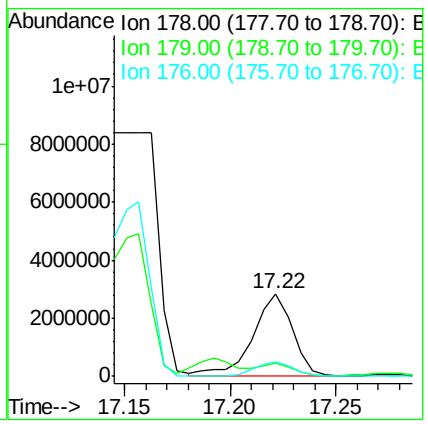


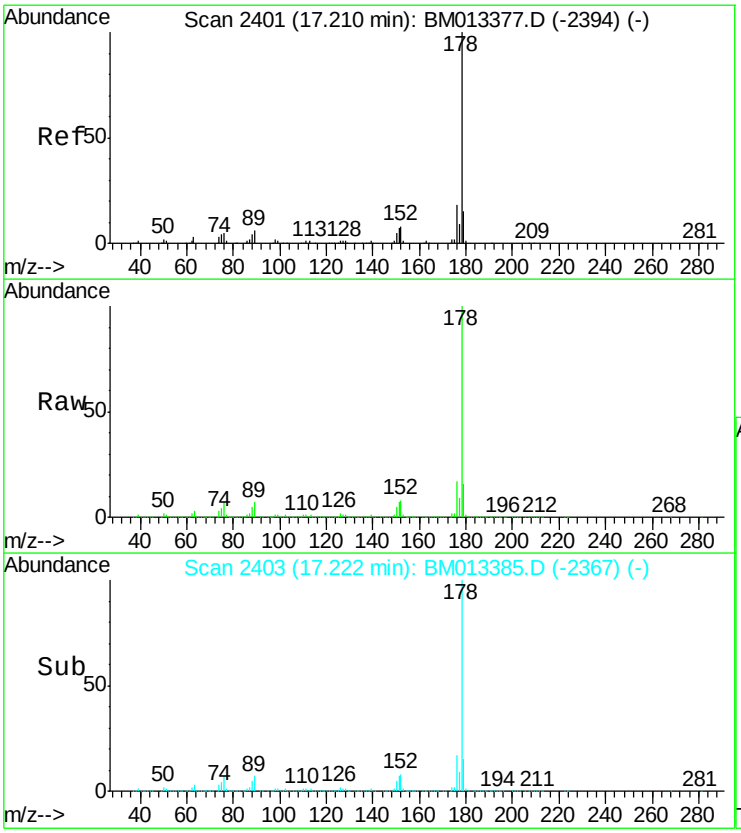
#69
Phenanthrene
Concen: 53.339 ng/ul
RT: 17.22 min Scan# 2403
Delta R.T. 0.11 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3666553

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	17.5	14.9	22.3

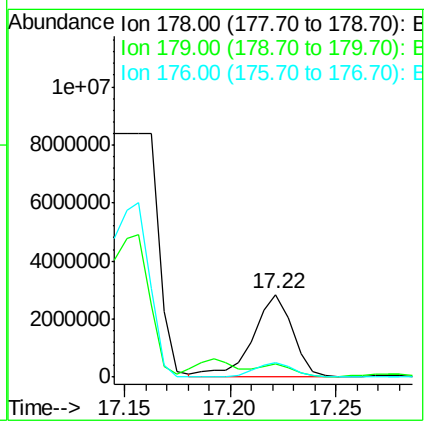


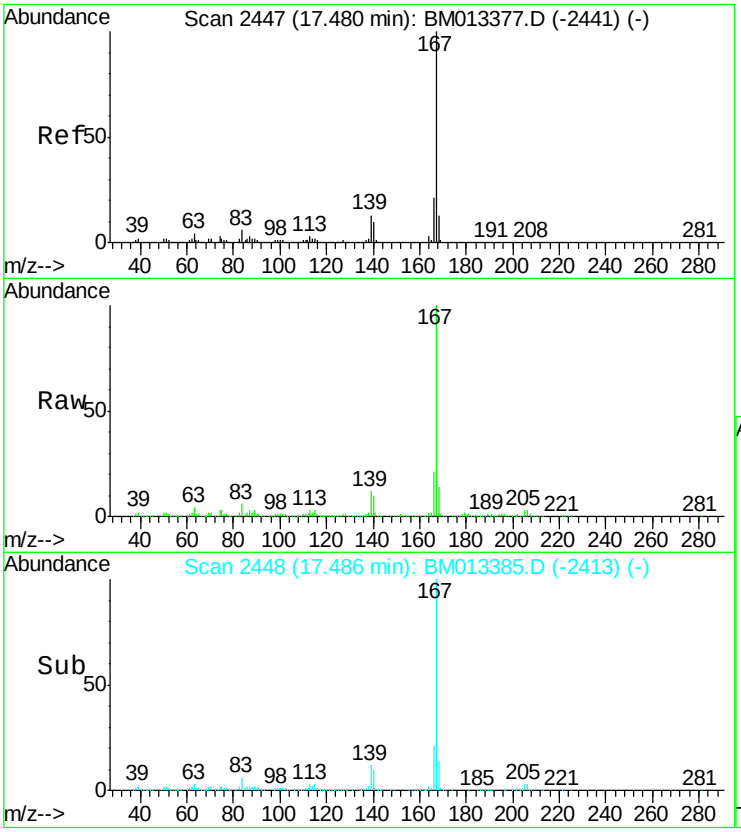


#71
Anthracene
Concen: 52.183 ng/ul
RT: 17.22 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:178 Resp: 3666553

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	17.5	14.6	21.8



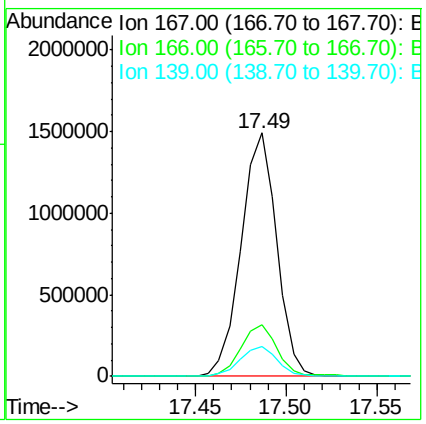


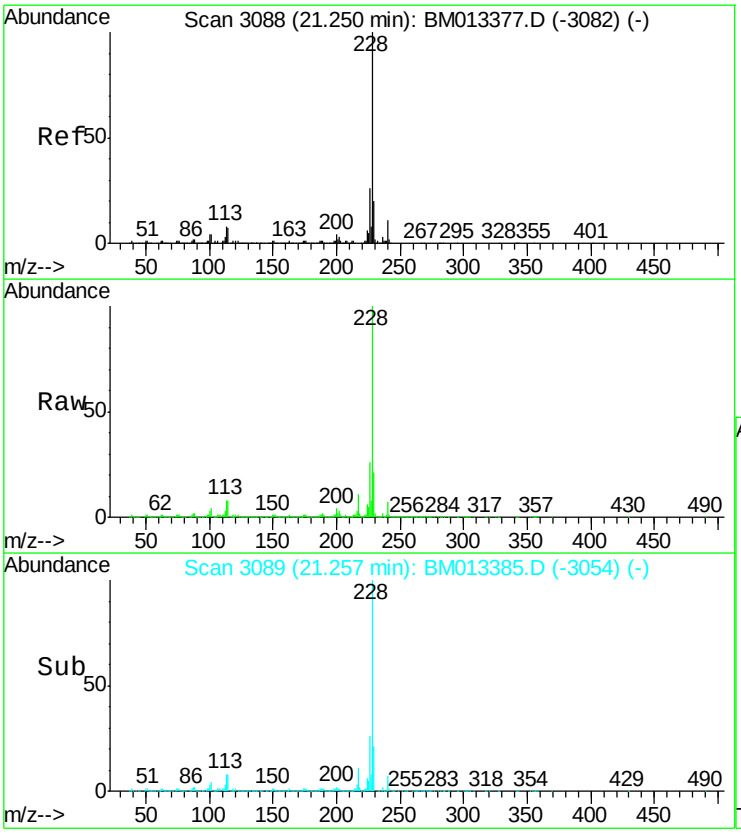
#72
Carbazole
Concen: 33.528 ng/ul
RT: 17.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 2026292

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.3	10.0	15.0

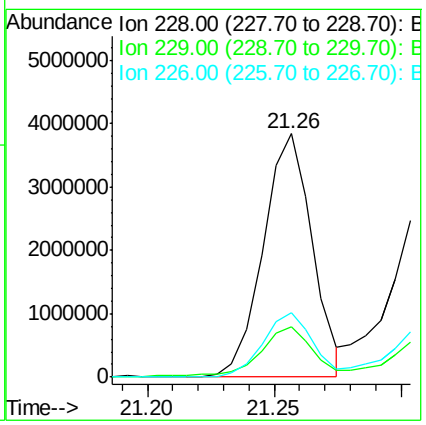


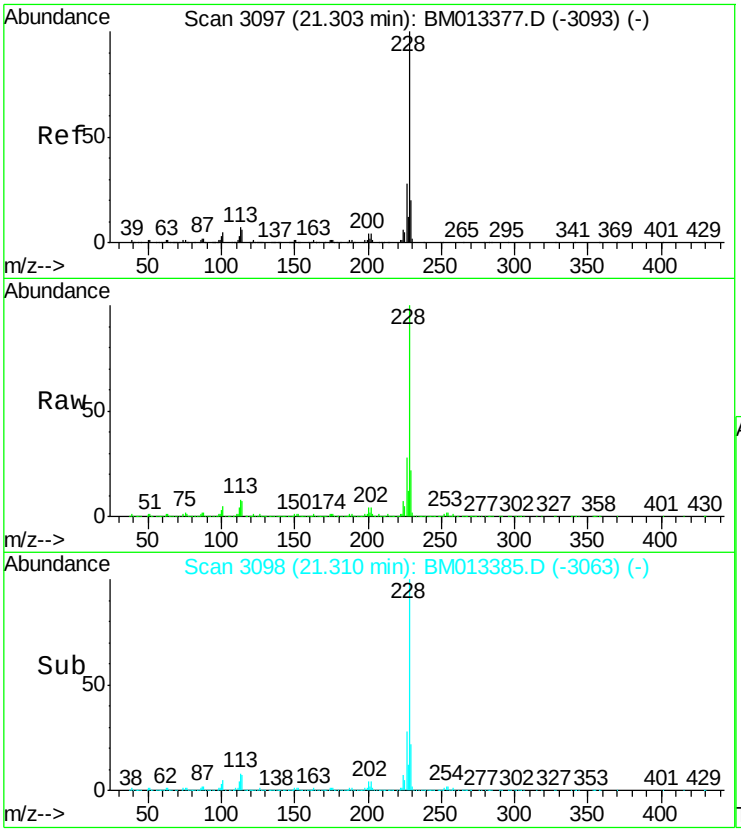


#80
Benzo(a)anthracene
Concen: 59.653 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:228 Resp: 5136141

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	26.4	21.4	32.0



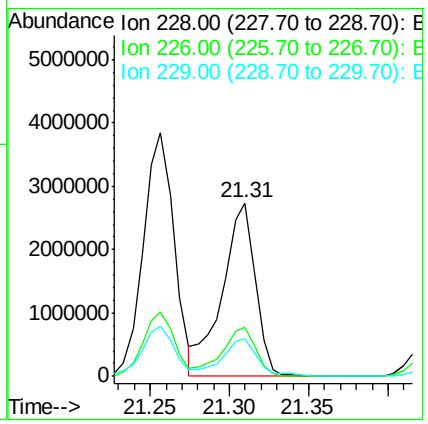


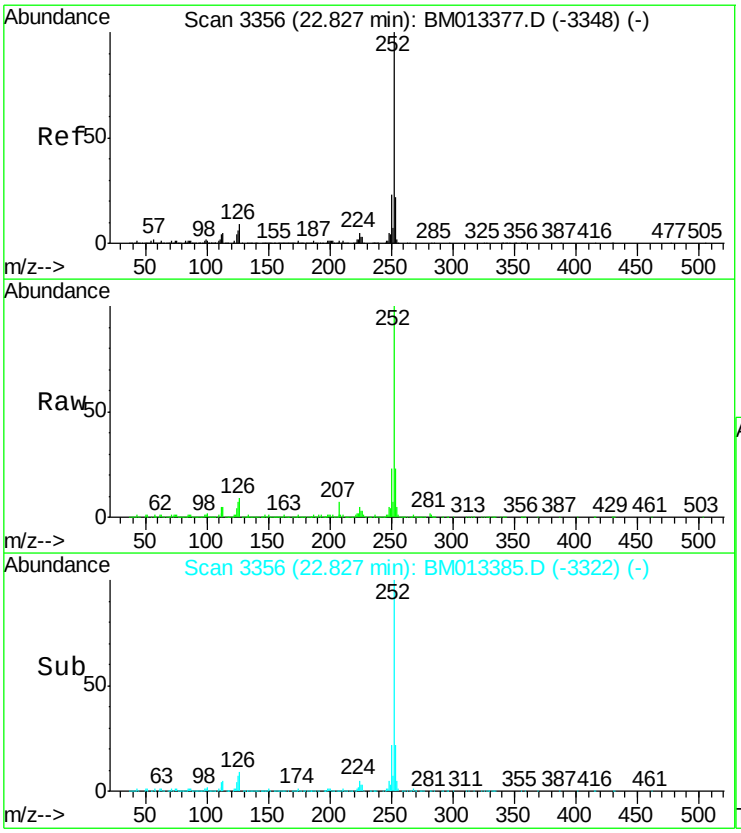
#82
Chrysene
Concen: 49.624 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3963921

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	22.0	15.5	23.3

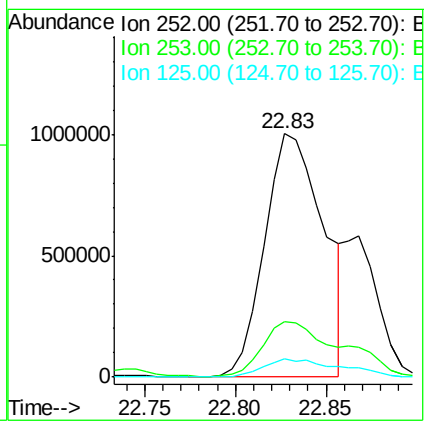


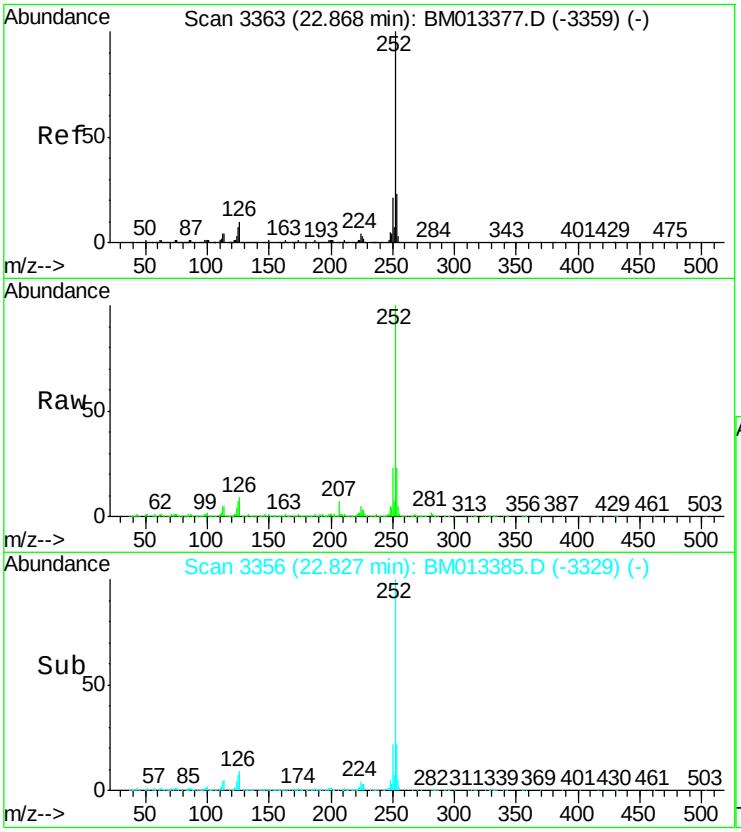


#85
Benzo(b)fluoranthene
Concen: 28.868 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:252 Resp: 2264607

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	7.4	3.6	5.4#



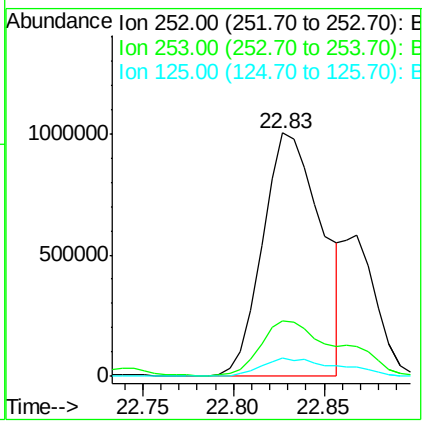


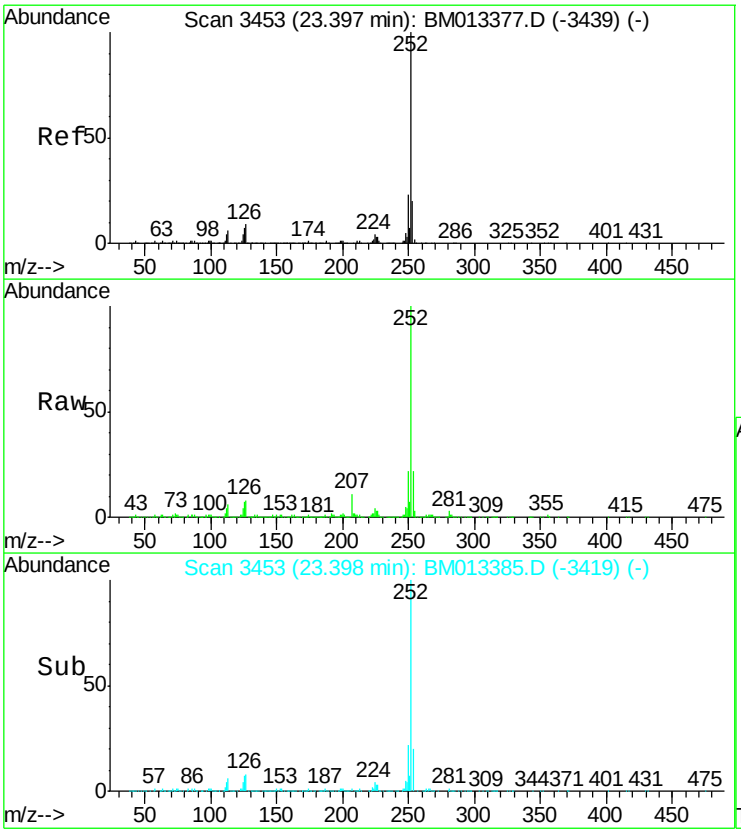
#86
Benzo(k)fluoranthene
Concen: 30.676 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.04 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2264607

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.4	3.4	5.2#

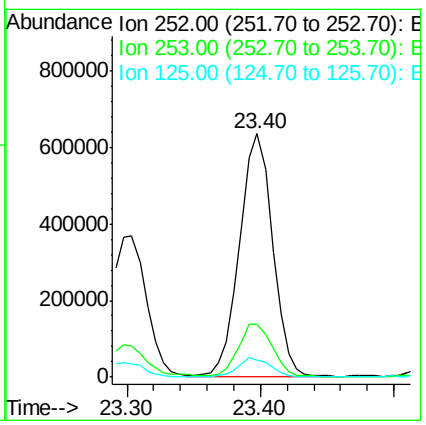


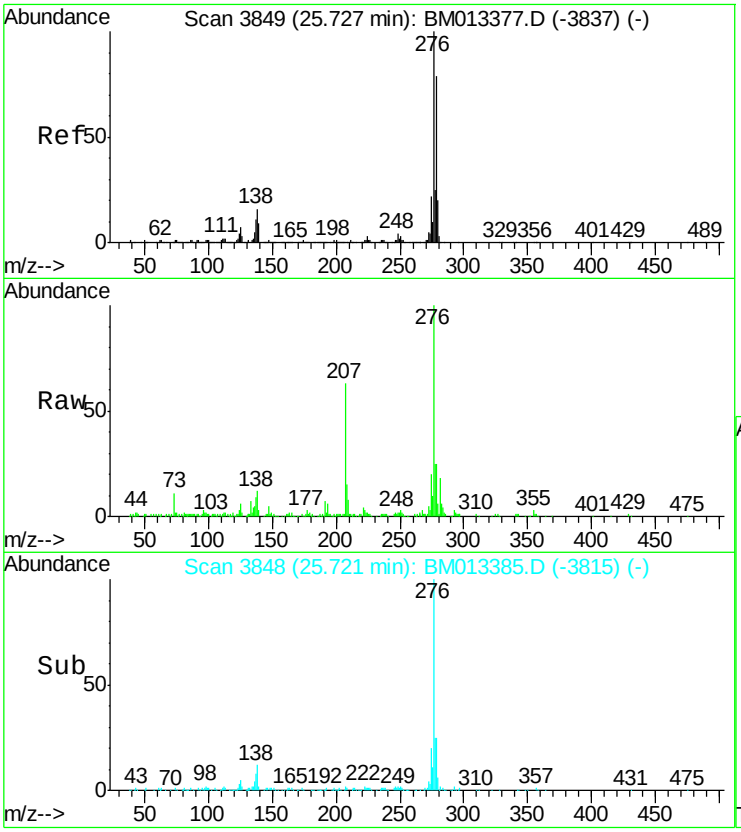


#88
Benzo(a)pyrene
Concen: 15.345 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:252 Resp: 1081310

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	7.0	4.0	6.0#



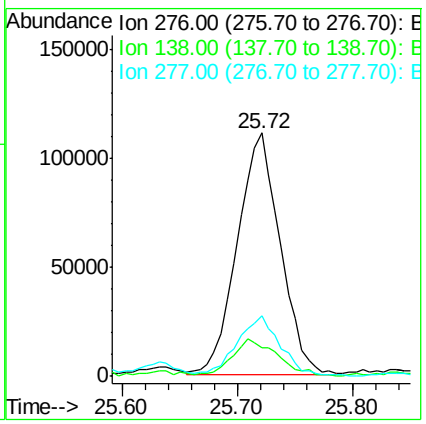


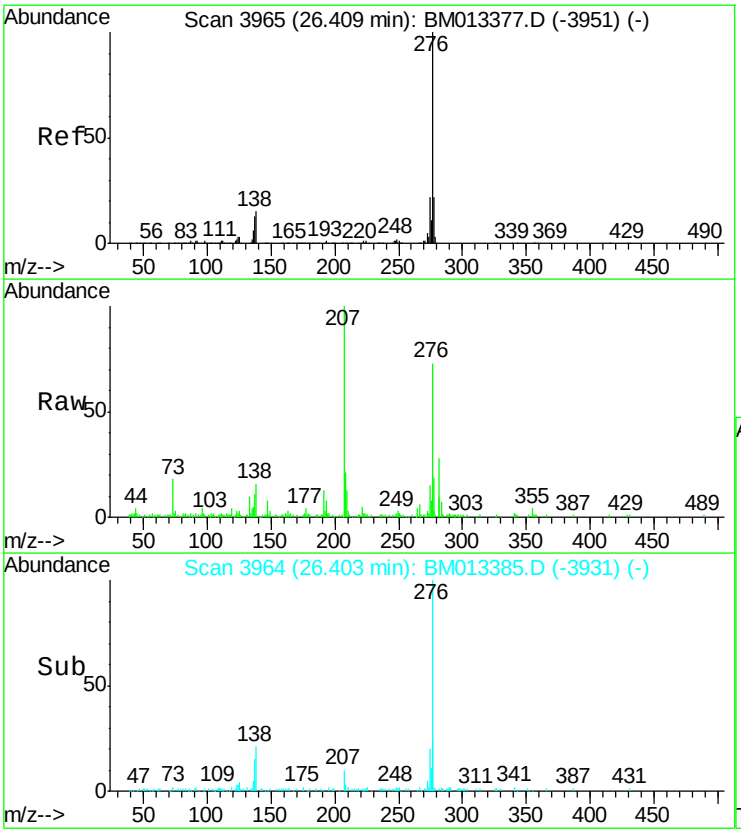
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.093 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 286216

Ion	Ratio	Lower	Upper
276	100		
138	11.9	9.3	13.9
277	25.1	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 3.003 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM013385.D
Acq: 13 Dec 2017 21:58

Tgt Ion:276 Resp: 165609

Ion	Ratio	Lower	Upper
276	100		
138	21.5	8.5	12.7#
277	26.0	18.6	28.0