Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

Quant Time: Dec 13 01:46:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	243535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1078692	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	639119	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1482515	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1455092	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1193722	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	26567	5.40	ng/uL	0.00
5) Phenol-d5	6.86	99	627500	29.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	375559	31.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	511628	31.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	560908	31.16	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	277798	32.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	309700	33.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	584360	30.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	731176	42.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1923252	33.82	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2376799	33.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	302515	30.61	ng/ul	0.00
57) Fluorene-d10	15.33	176	1638947	33.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	261635	28.05	ng/ul	0.00
70) Anthracene-d10	17.18	188	2608741	35.14	ng/ul	0.00
76) Pyrene-d10	19.47	212	2994643	41.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	2245236	36.93	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	125116	6.007	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.39	70	15948	1.157	ng/ul#	1
28) Naphthalene	10.52	128	3853231	69.431	ng/ul	100
30) 4-Chloroaniline	10.52	127	498136	29.673	ng/ul#	23
34) 2-Methylnaphthalene	12.13	142	796096	19.082	ng/ul	96
40) 1,1'-Biphenyl	13.16	154	342941	6.349	ng/ul	99
44) Dimethylphthalate	13.79	163	261805	4.813	ng/ul	100
47) Acenaphthylene	14.05	152	76582	1.179	ng/ul#	91
49) Acenaphthene	14.40	153	2872869	64.932	ng/ul	98
53) Dibenzofuran	14.73	168	1893967	28.997	ng/ul	100
58) Fluorene	15.39	166	1794391	33.208	ng/ul	98
60) 4-Nitroaniline	15.39	138	22629	1.934	ng/ul#	13
68) Pentachlorophenol	16.73	266	14847	1.336	ng/ul	90
69) Phenanthrene	17.12	178	4630067	54.973	ng/ul	99
71) Anthracene	17.21	178	632370	7.345	ng/ul	100
72) Carbazole	17.48	167	474197	6.404	ng/ul	98
74) Fluoranthene	19.14	202	2825555	27.375	ng/ul#	92
77) Pyrene	19.50	202	1937704	21.920	ng/ul#	94
80) Benzo(a)anthracene	21.25	228	363028	3.932	ng/ul	96
82) Chrysene	21.30	228	385586	4.502	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	275158	3.419	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	98878	1.368	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	25.72	276	78341	1.092	ng/ul#	89

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013351.D
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Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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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\BM121217\
Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

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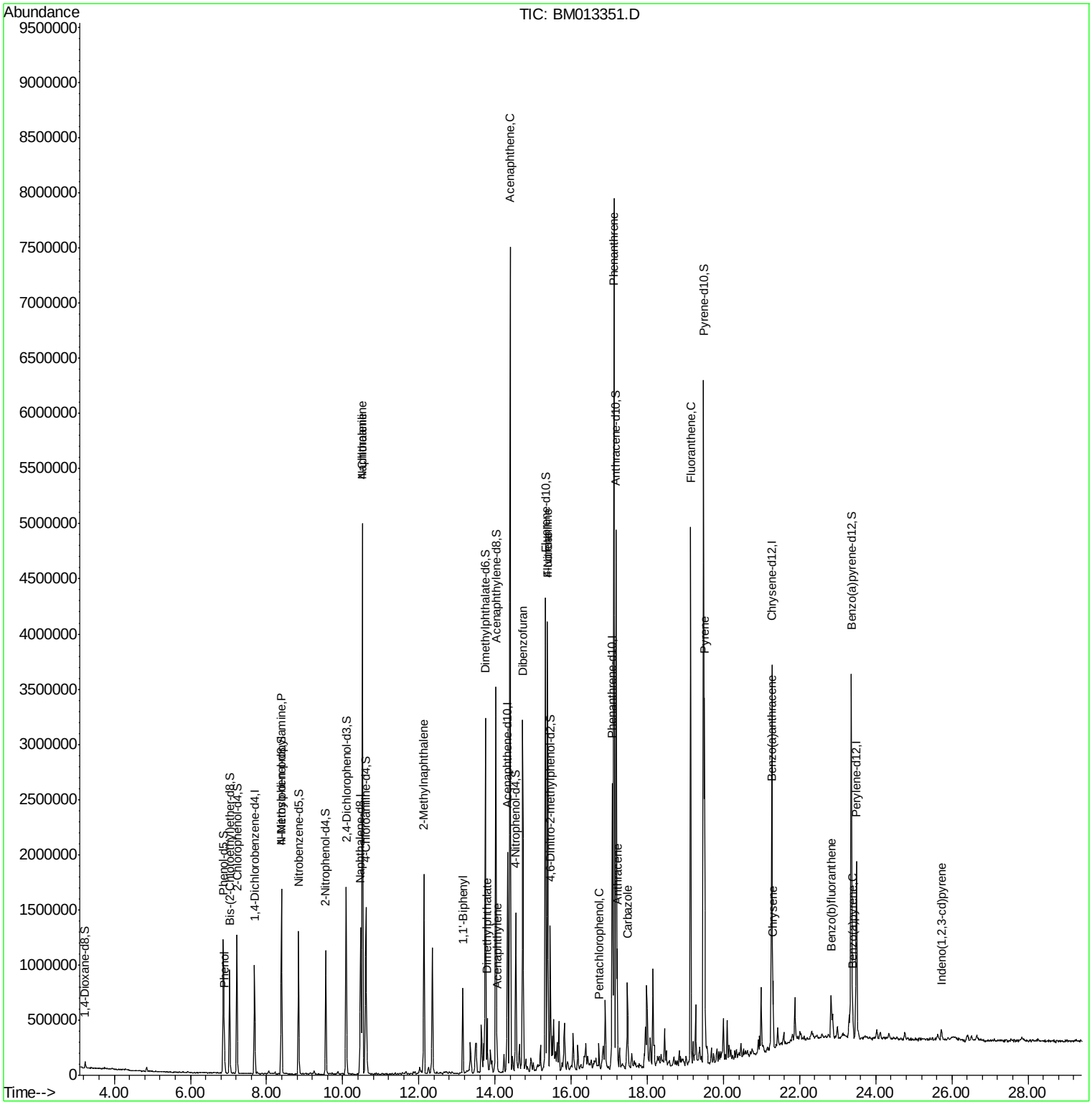
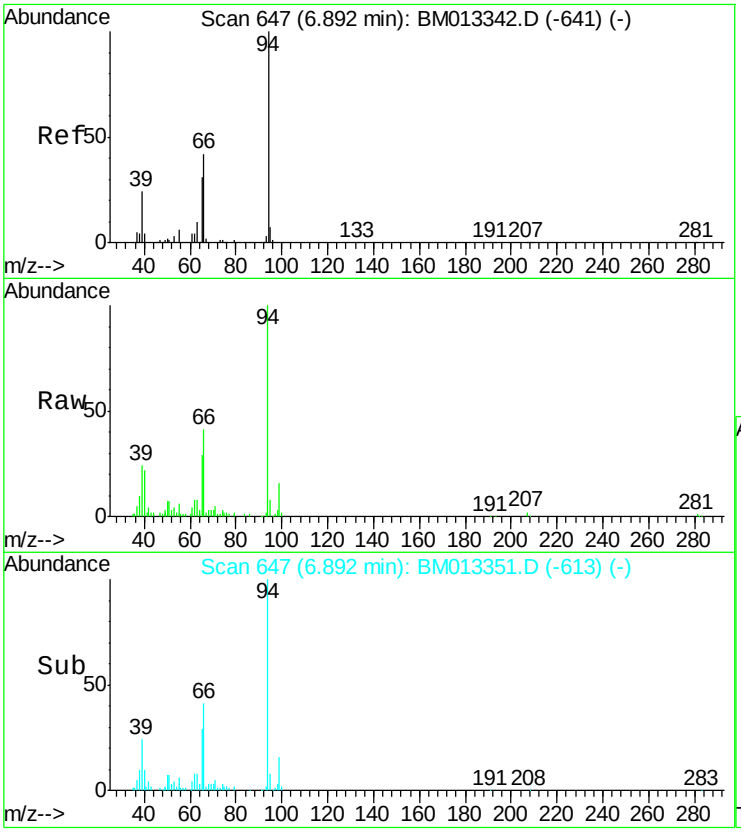
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration



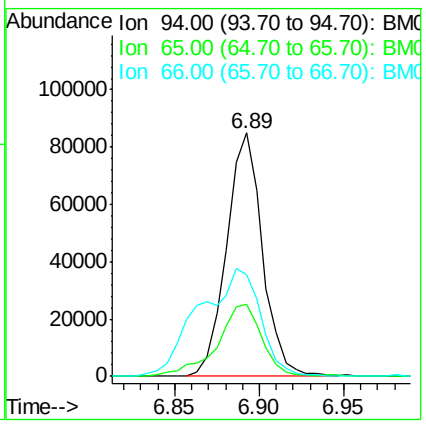


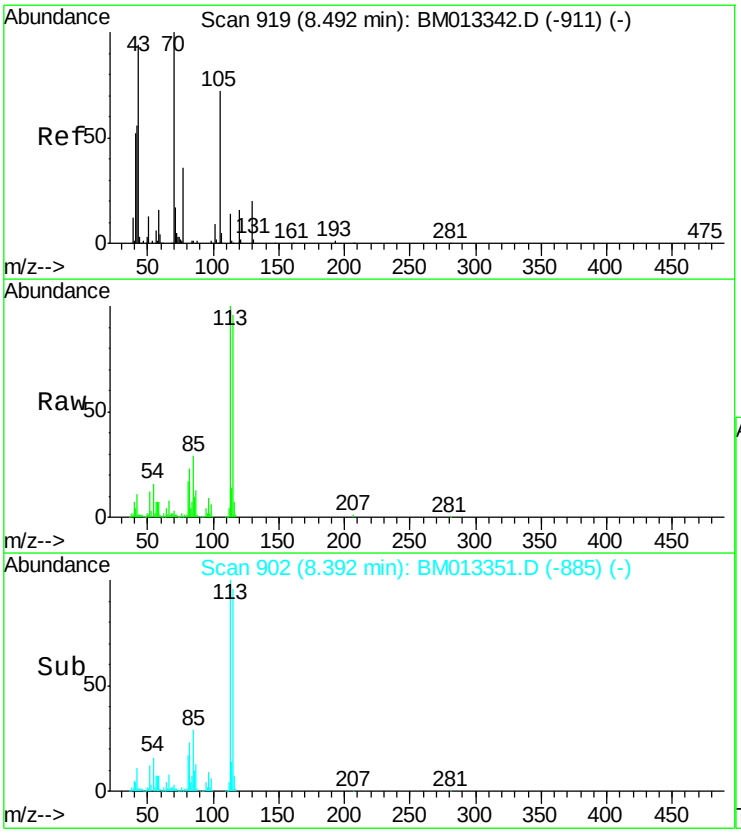
#6
Phenol
Concen: 6.007 ng/ul
RT: 6.89 min Scan# 647
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion: 94 Resp: 125116

Ion	Ratio	Lower	Upper
94	100		
65	29.4	28.2	42.4
66	41.5	47.2	70.8#

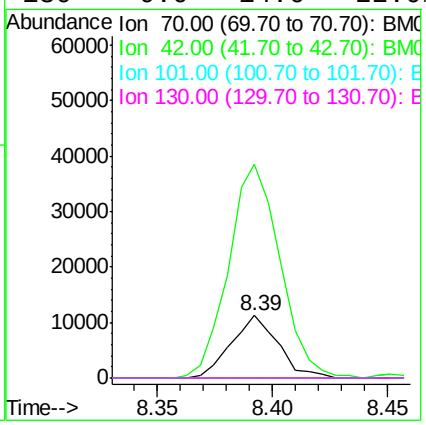


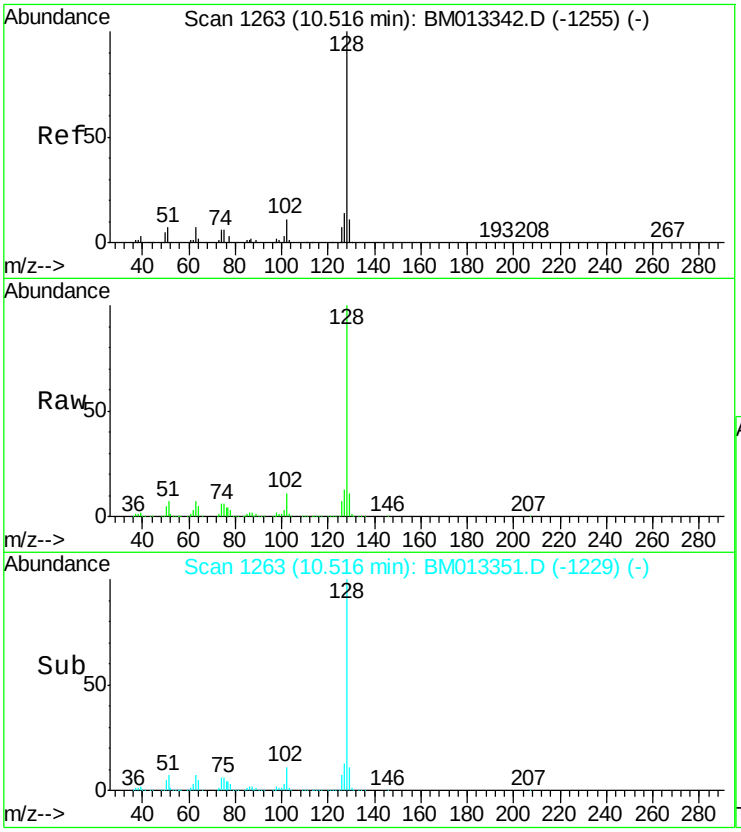


#15
N-Nitroso-di-n-propylamine
Concen: 1.157 ng/ul
RT: 8.39 min Scan# 902
Delta R.T. -0.10 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion: 70 Resp: 15948

Ion	Ratio	Lower	Upper
70	100		
42	341.0	76.0	114.0#
101	0.0	6.7	10.1#
130	0.0	14.6	22.0#



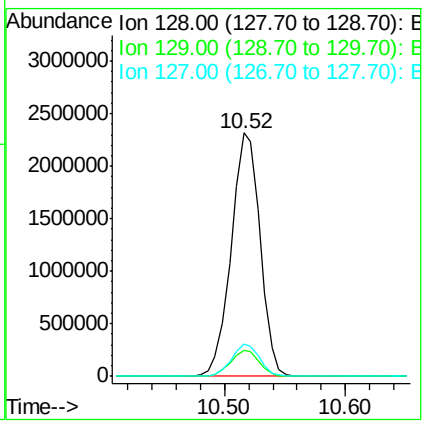


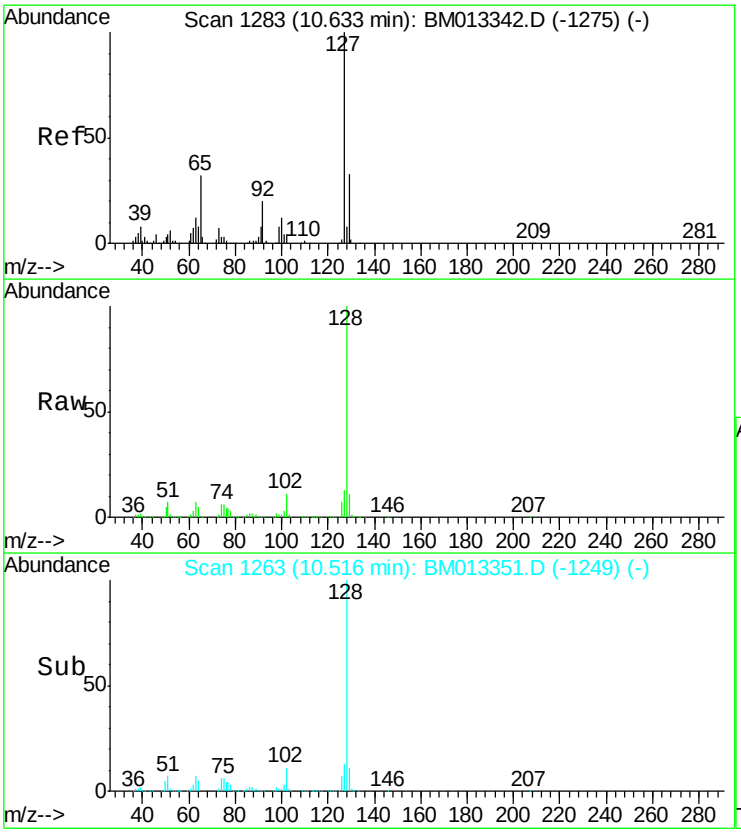
#28
Naphthalene
Concen: 69.431 ng/ul
RT: 10.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:128 Resp: 3853231

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.6	16.0

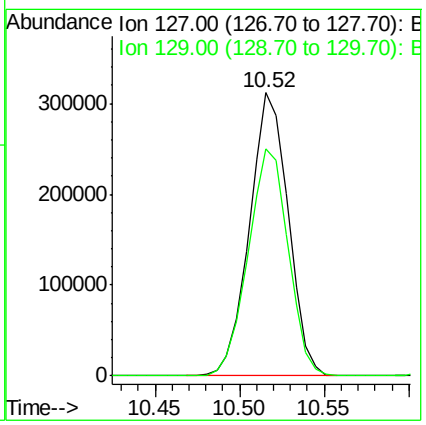


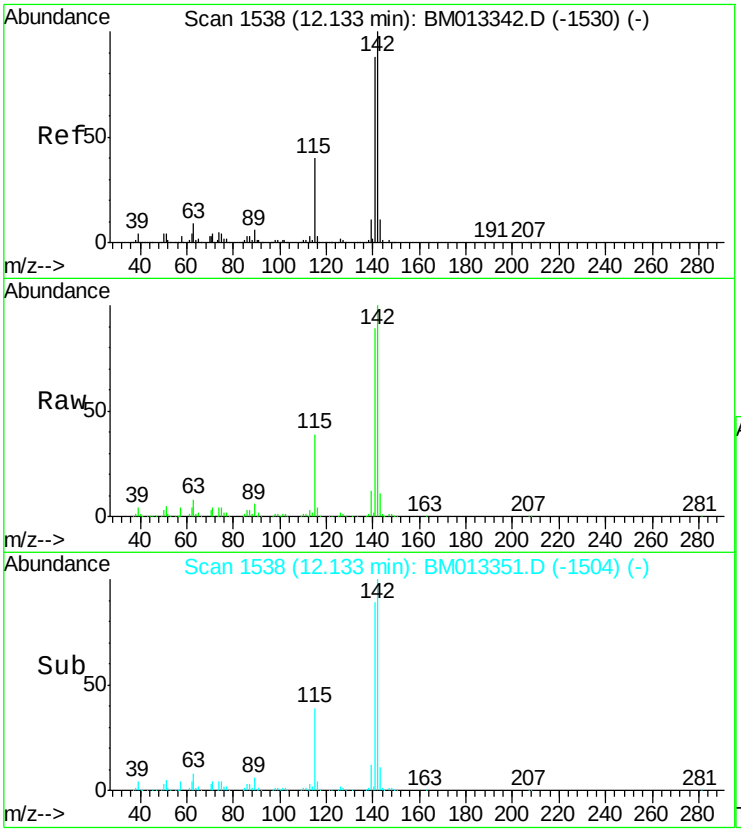


#30
4-Chloroaniline
Concen: 29.673 ng/ul
RT: 10.52 min Scan# 1263
Delta R.T. -0.12 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:127 Resp: 498136

Ion	Ratio	Lower	Upper
127	100		
129	80.4	28.4	42.6#



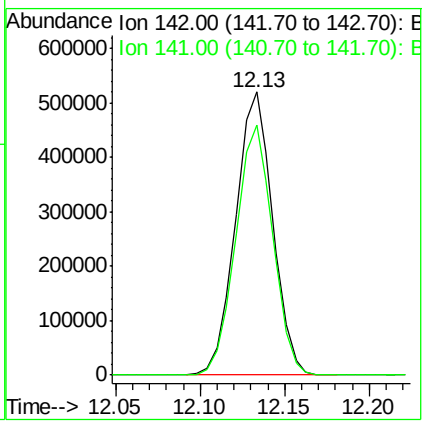


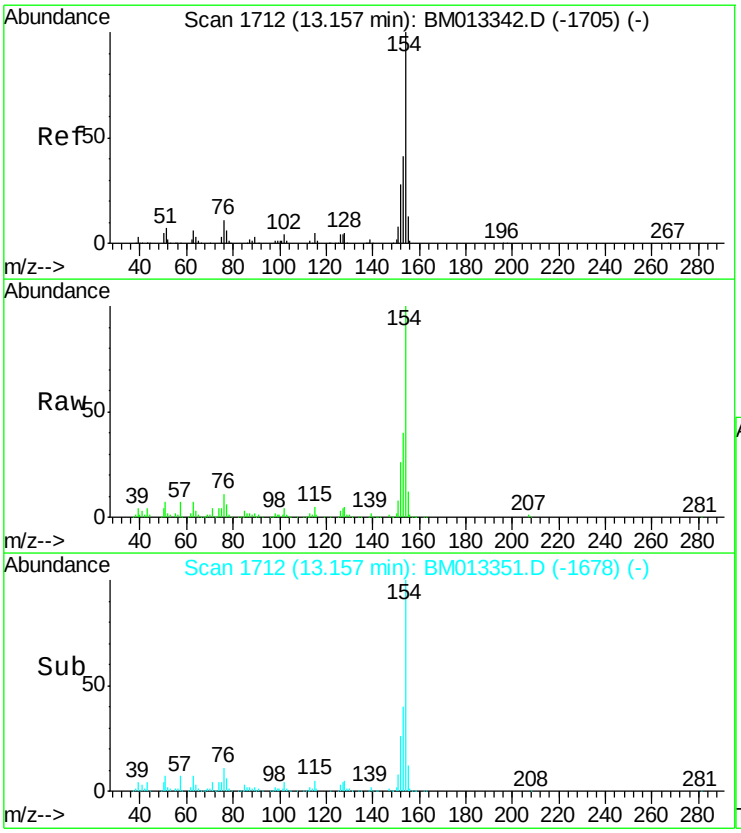
#34
2-Methylnaphthalene
Concen: 19.082 ng/ul
RT: 12.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:142 Resp: 796096

Ion	Ratio	Lower	Upper
142	100		
141	88.5	74.1	111.1

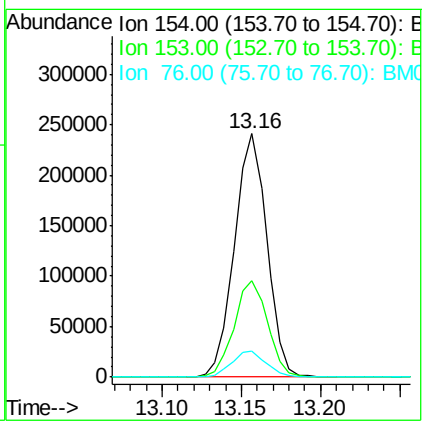


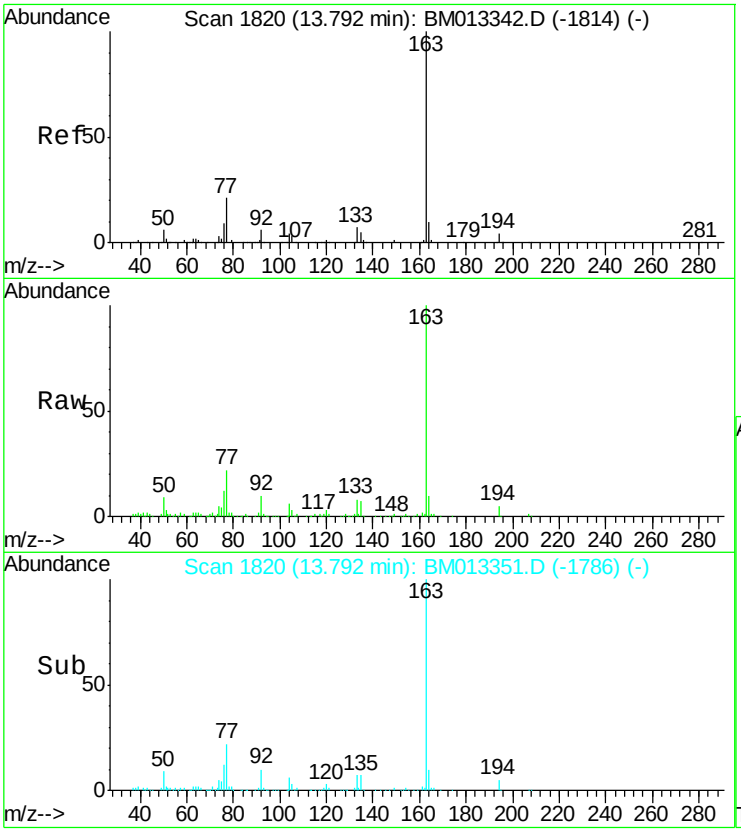


#40
1,1'-Biphenyl
Concen: 6.349 ng/ul
RT: 13.16 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:154 Resp: 342941

Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.6	48.8
76	10.7	8.5	12.7



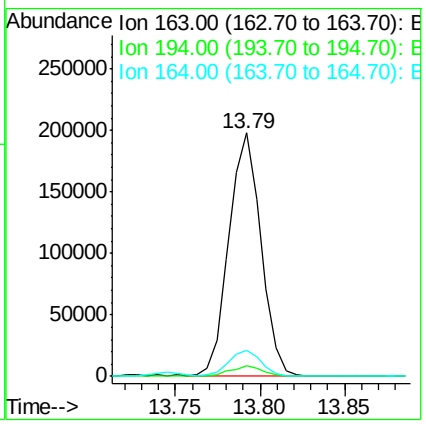


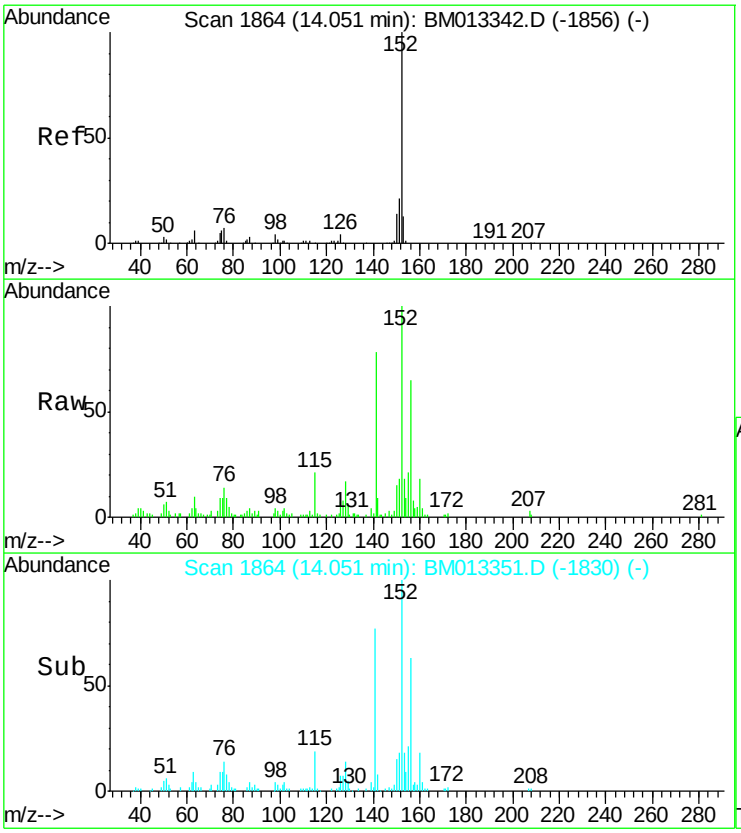
#44
Dimethylphthalate
Concen: 4.813 ng/ul
RT: 13.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:163 Resp: 261805

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.5	8.2	12.4

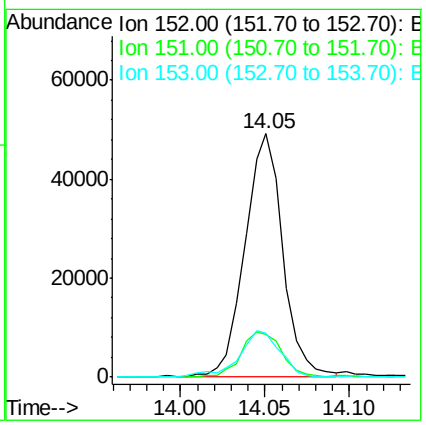


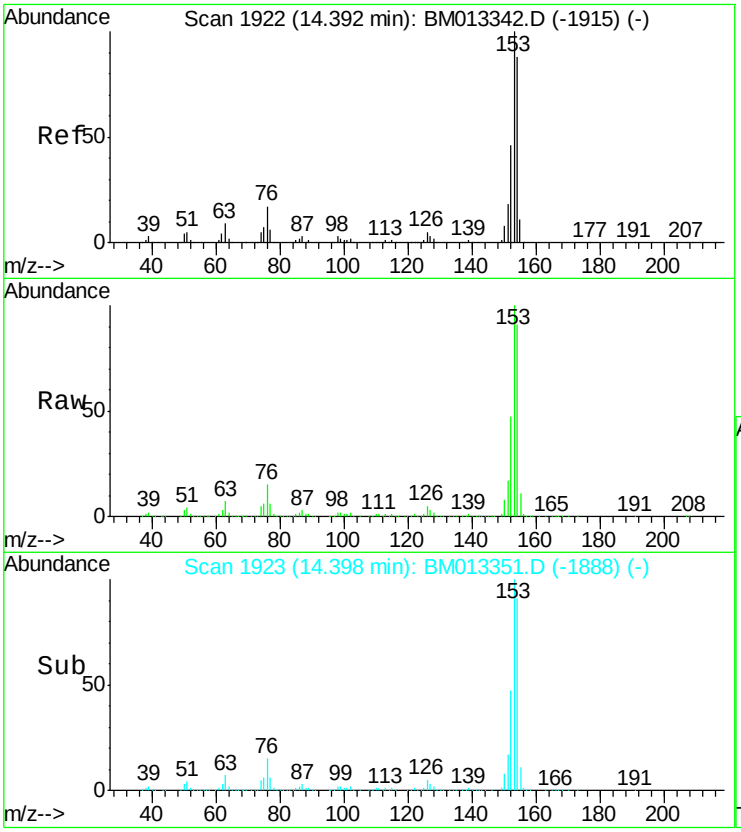


#47
Acenaphthylene
Concen: 1.179 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:152 Resp: 76582

Ion	Ratio	Lower	Upper
152	100		
151	17.8	16.3	24.5
153	18.0	10.2	15.4#



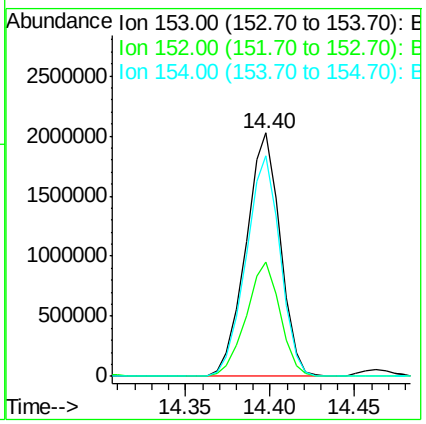


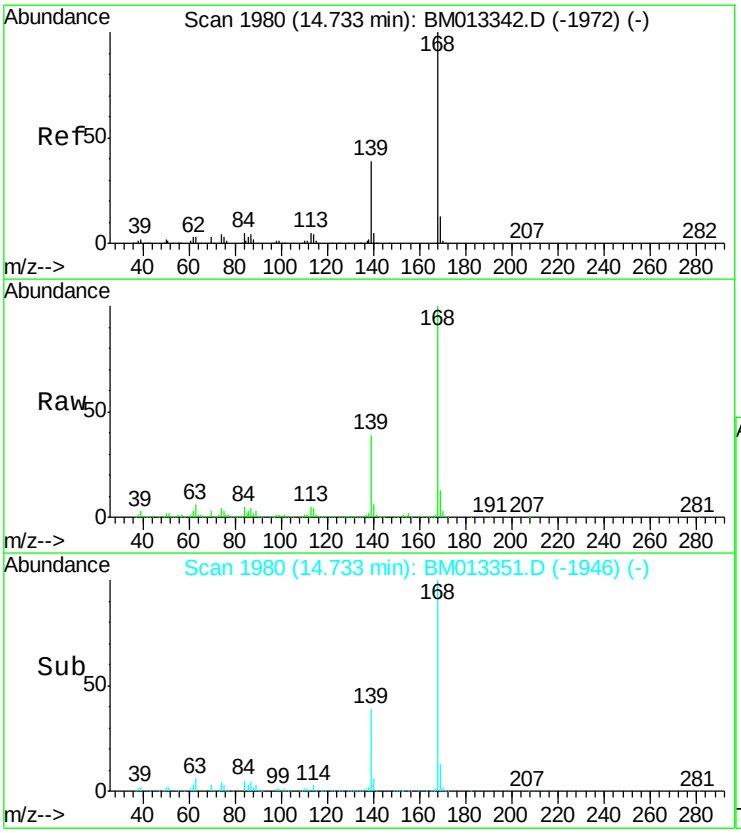
#49
Acenaphthene
Concen: 64.932 ng/ul
RT: 14.40 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:153 Resp: 2872869

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.6	56.4
154	90.7	70.4	105.6

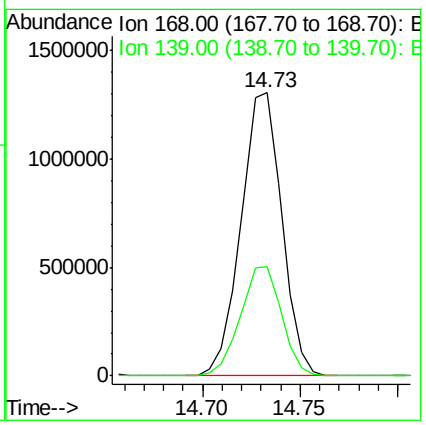


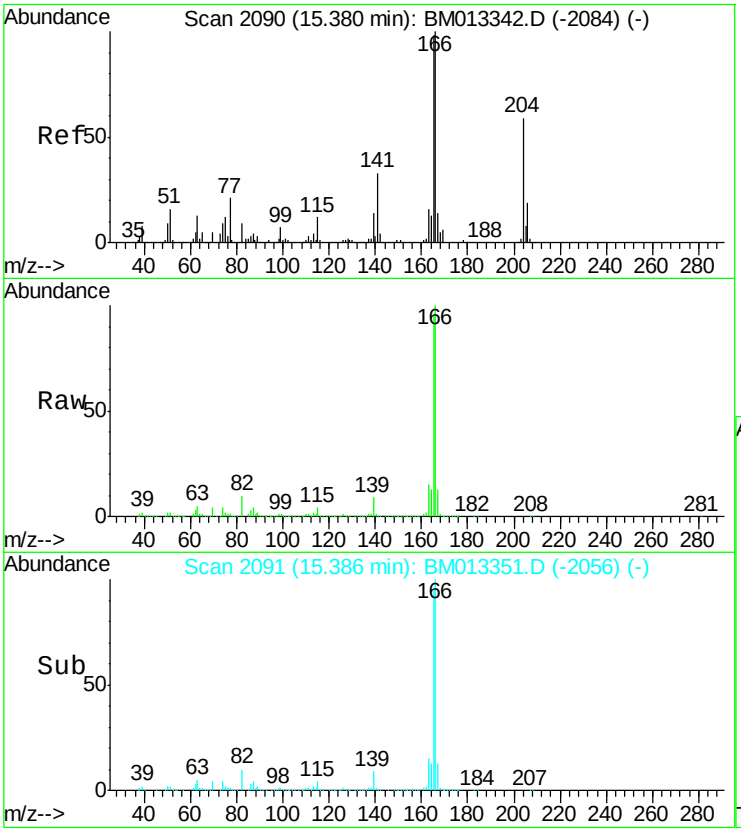


#53
Dibenzofuran
Concen: 28.997 ng/ul
RT: 14.73 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:168 Resp: 1893967

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.8	46.2



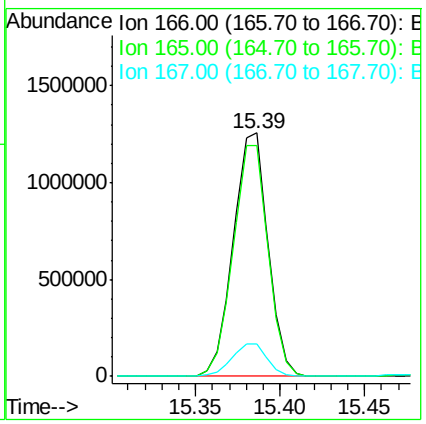


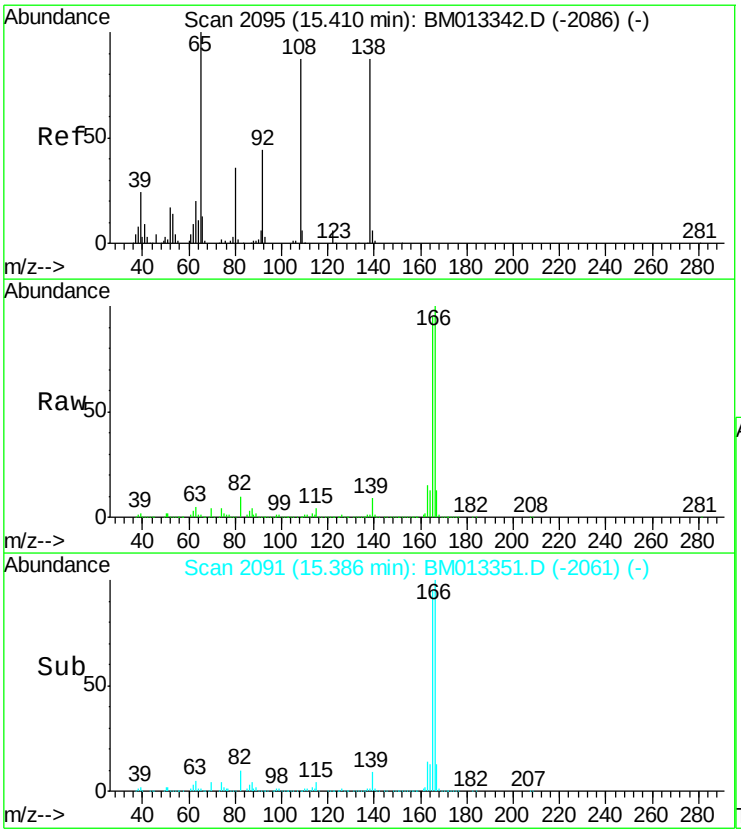
#58
Fluorene
Concen: 33.208 ng/ul
RT: 15.39 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:166 Resp: 1794391

Ion	Ratio	Lower	Upper
166	100		
165	94.8	77.9	116.9
167	13.2	10.6	16.0

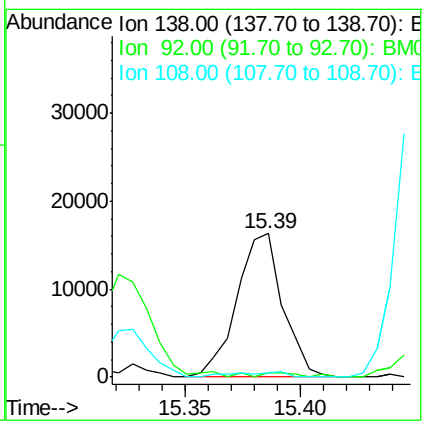


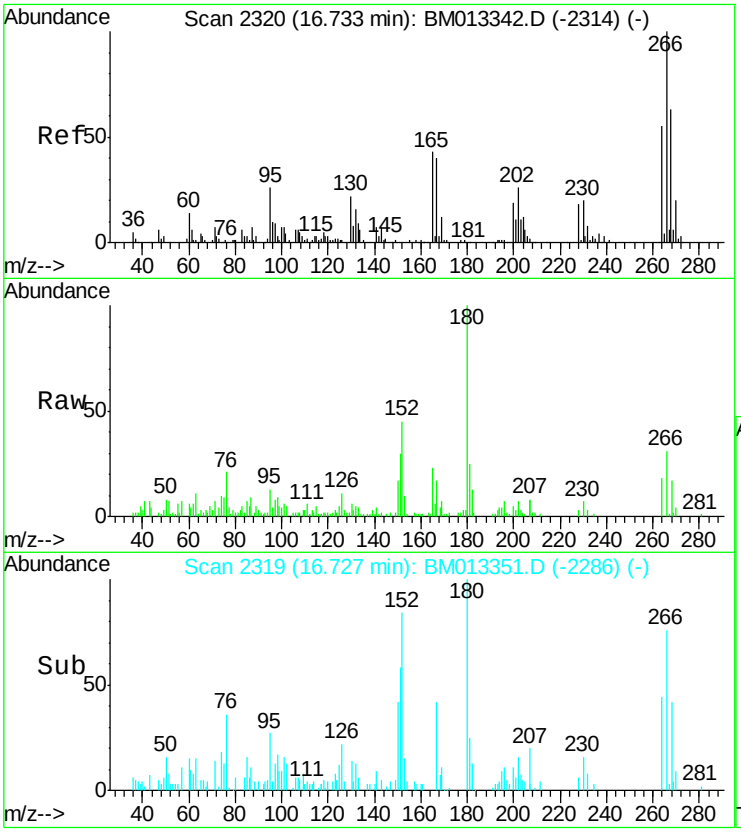


#60
4-Nitroaniline
Concen: 1.934 ng/ul
RT: 15.39 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:138 Resp: 22629

Ion	Ratio	Lower	Upper
138	100		
92	3.0	40.0	60.0#
108	3.2	80.0	120.0#



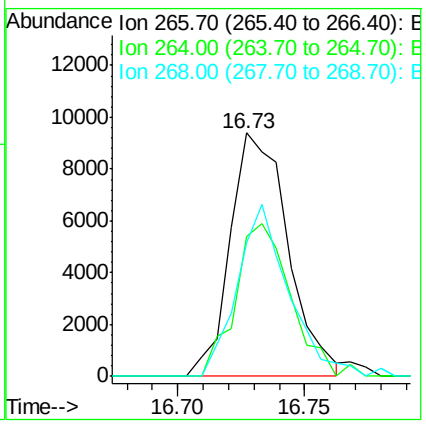


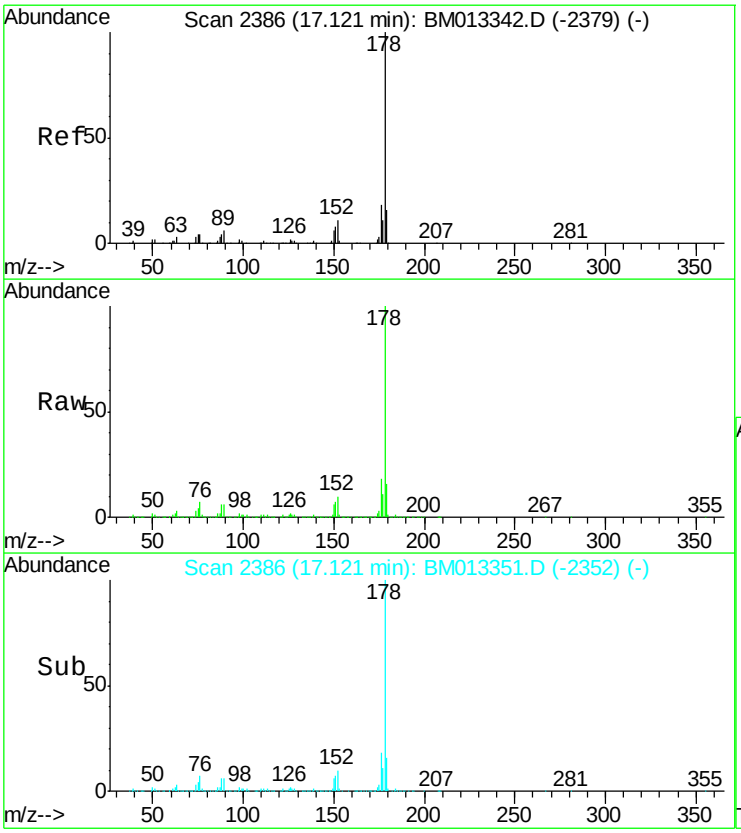
#68
Pentachlorophenol
Concen: 1.336 ng/ul
RT: 16.73 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:266 Resp: 14847

Ion	Ratio	Lower	Upper
266	100		
264	57.3	49.3	73.9
268	55.0	52.6	78.8

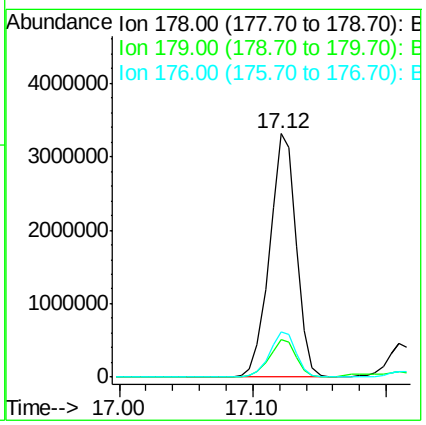


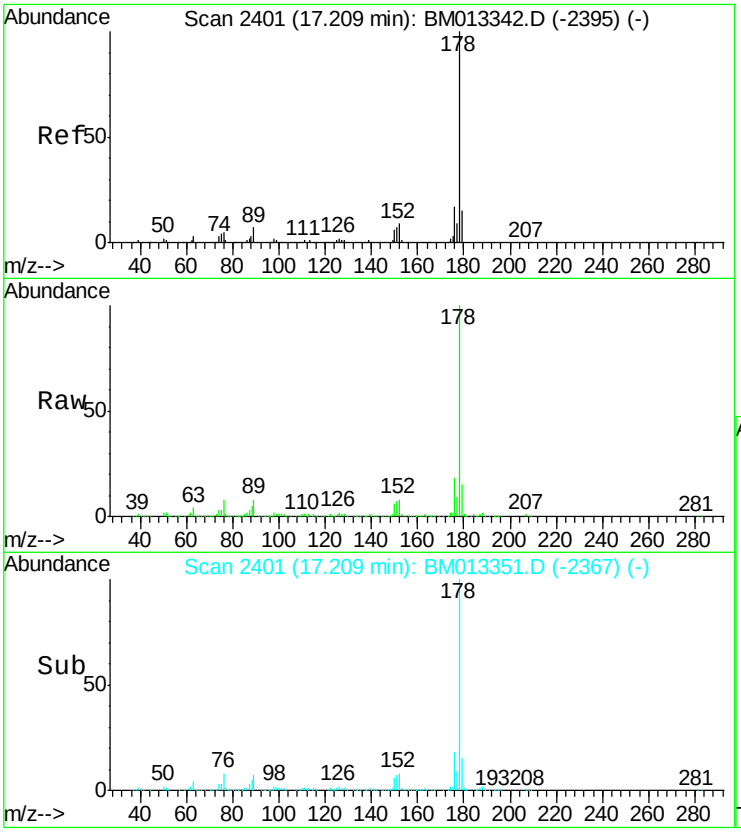


#69
Phenanthrene
Concen: 54.973 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:178 Resp: 4630067

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.3	14.9	22.3



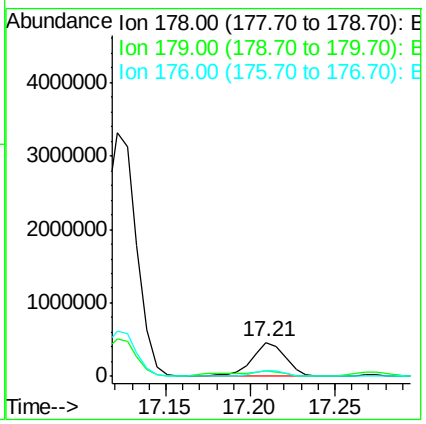


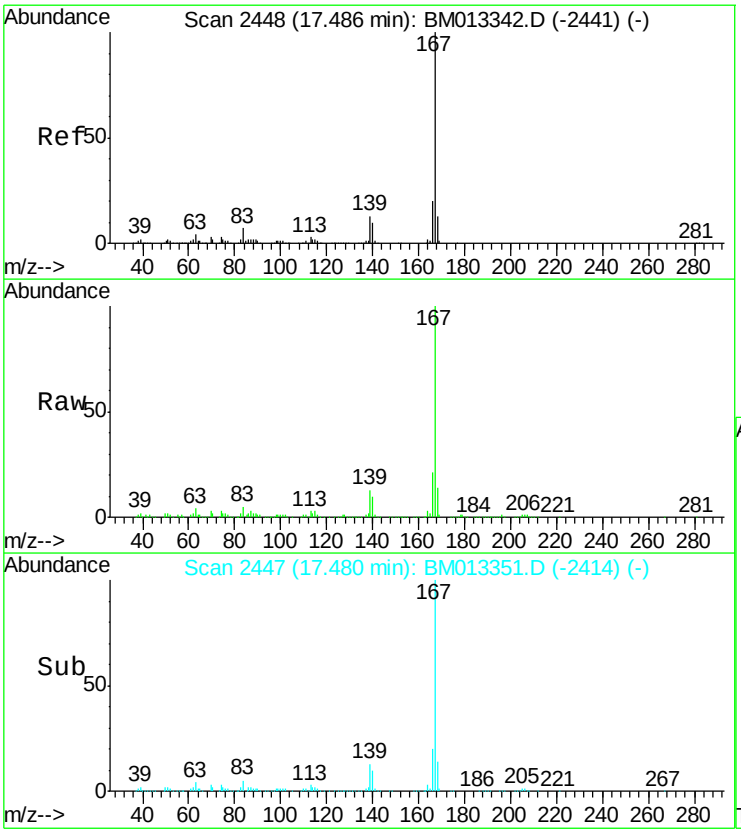
#71
Anthracene
Concen: 7.345 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:178 Resp: 632370

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	18.1	14.6	21.8

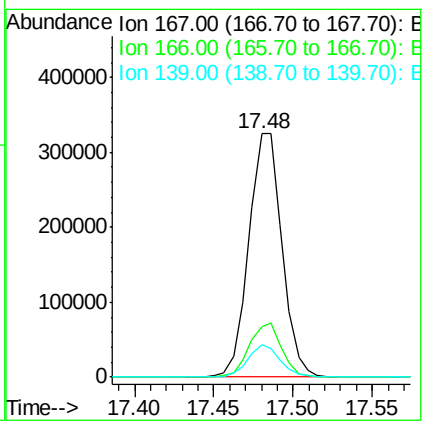


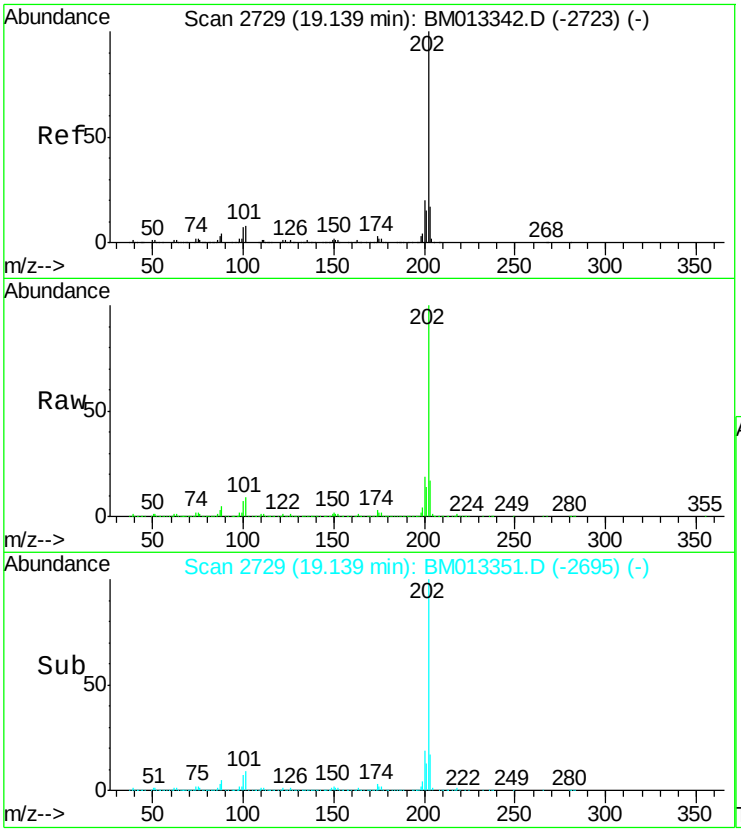


#72
Carbazole
Concen: 6.404 ng/ul
RT: 17.48 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:167 Resp: 474197

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.1	25.7
139	13.2	10.0	15.0



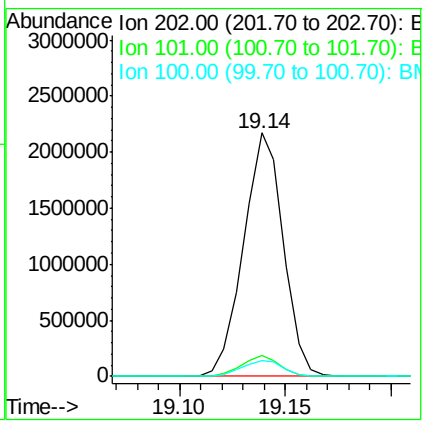


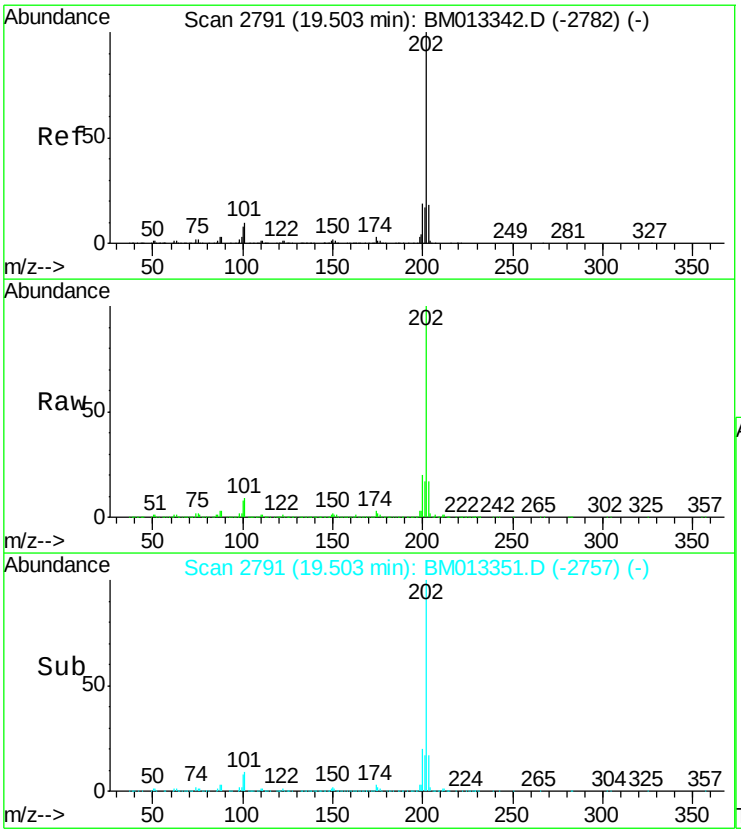
#74
Fluoranthene
Concen: 27.375 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:202 Resp: 2825555

Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.6	3.4	5.2#

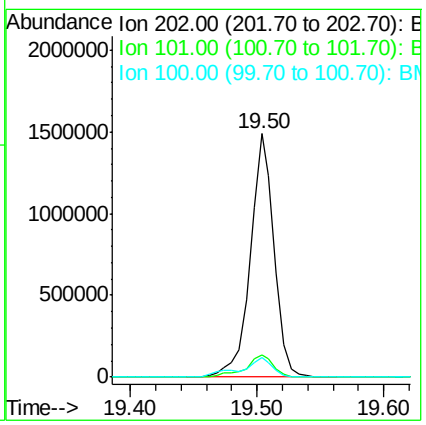


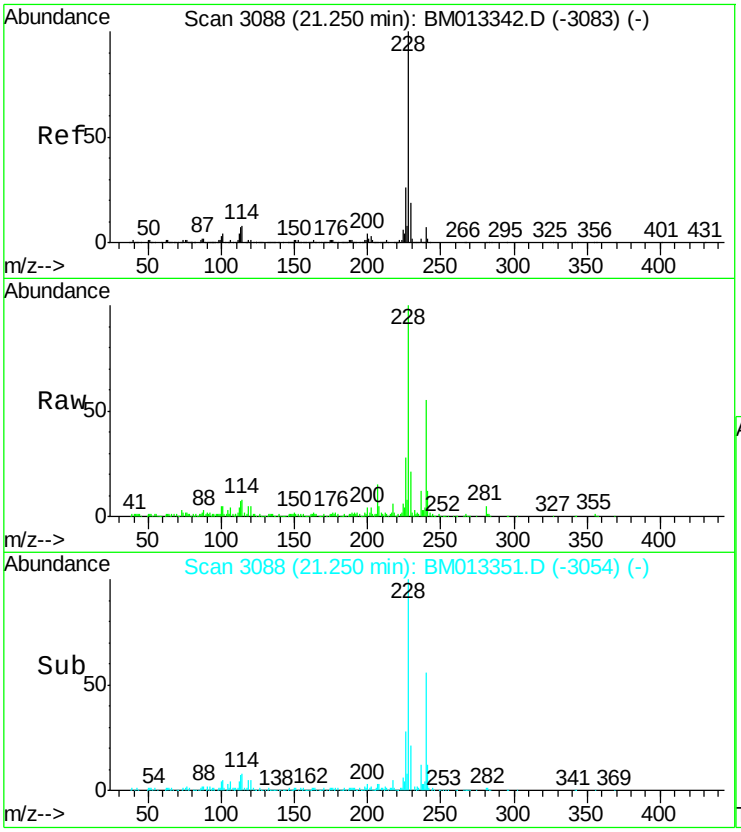


#77
Pyrene
Concen: 21.920 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:202 Resp: 1937704

Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.1	7.7#
100	7.9	4.9	7.3#



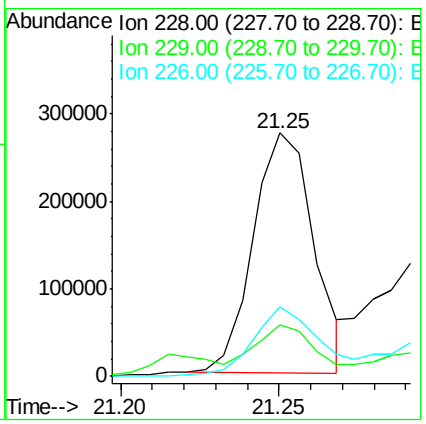


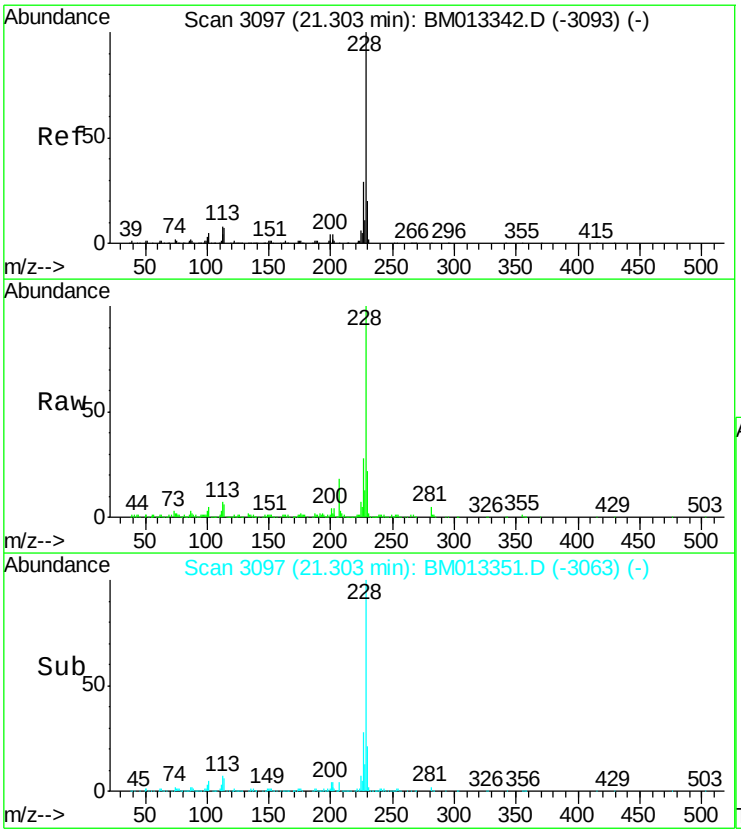
#80
Benzo(a)anthracene
Concen: 3.932 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:228 Resp: 363028

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	28.4	21.4	32.0

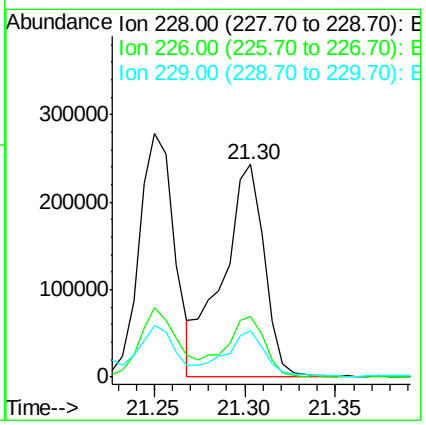


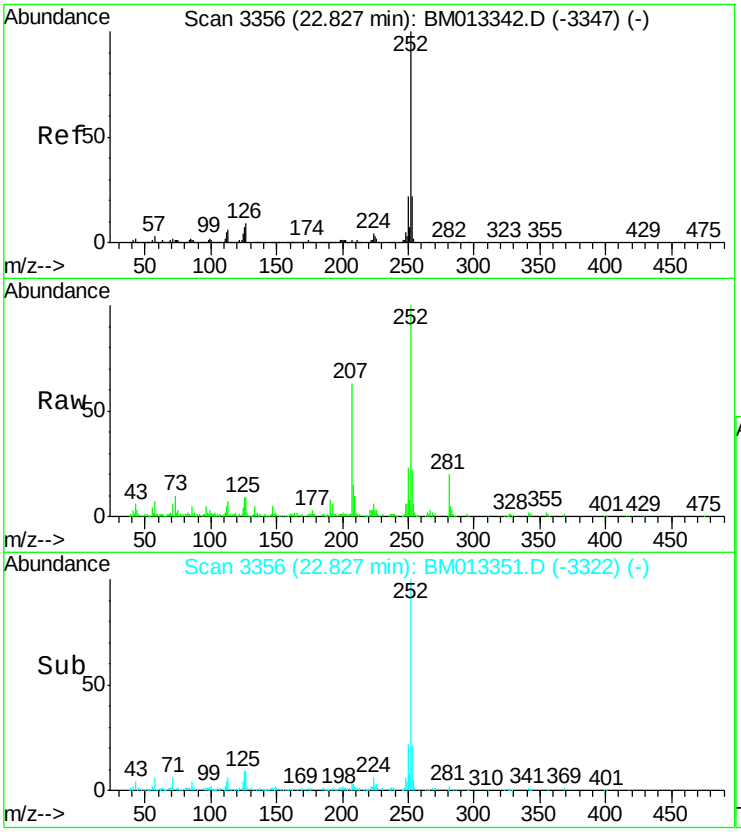


#82
Chrysene
Concen: 4.502 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:228 Resp: 385586

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	21.8	15.5	23.3



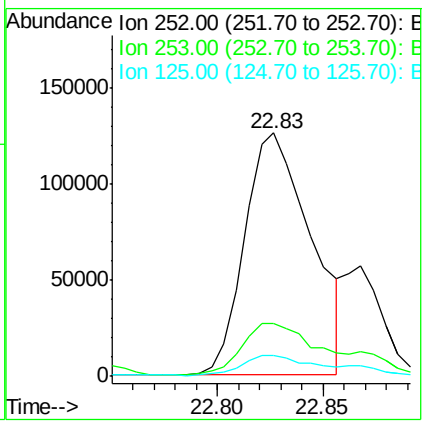


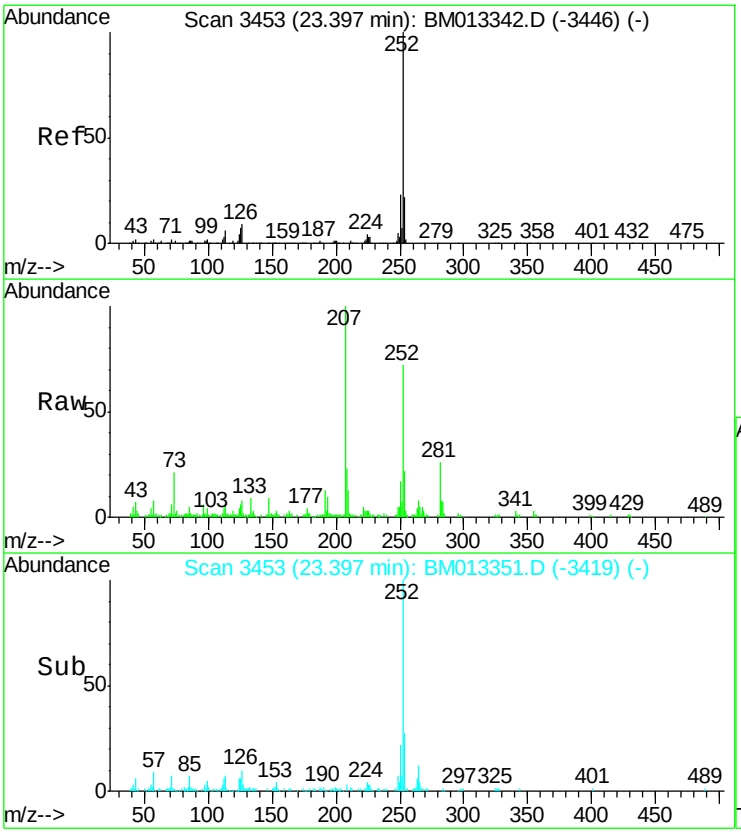
#85
Benzo(b)fluoranthene
Concen: 3.419 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:252 Resp: 275158

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	8.8	3.6	5.4#

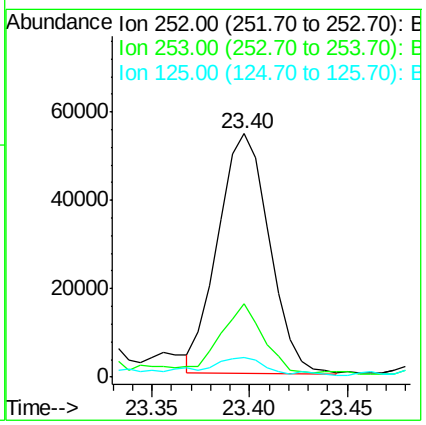


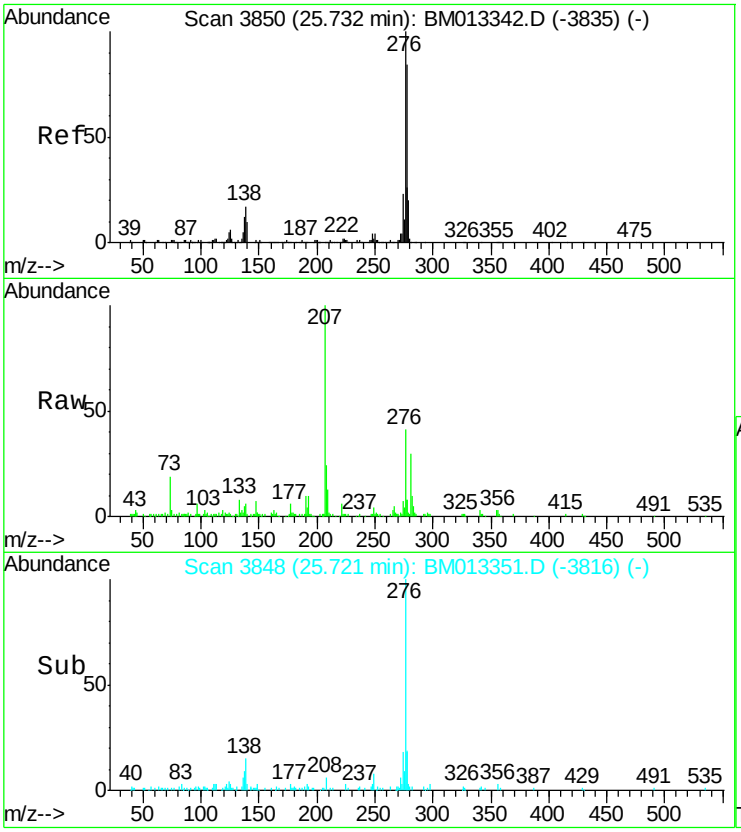


#88
Benzo(a)pyrene
Concen: 1.368 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Tgt Ion:252 Resp: 98878

Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.2	27.2#
125	8.2	4.0	6.0#





#89
Indeno(1,2,3-cd)pyrene
Concen: 1.092 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BM013351.D
Acq: 12 Dec 2017 22:24

Instrument :
BNA_M
ClientSampleId :
F9A59

Tgt Ion:276 Resp: 78341

Ion	Ratio	Lower	Upper
276	100		
138	15.0	9.3	13.9#
277	18.5	19.9	29.9#