Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014367.D
Acq On : 26 Feb 2018 21:36
Operator : SJ/JU
Sample : J1631-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 27 03:25:06 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	171395	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	752738	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	426491	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	816576	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	556629	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	520346	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	15177	3.79	ng/uL	0.00
5) Phenol-d5	6.73	99	402119	27.76	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	249431	28.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	327719	29.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	288505	22.76	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	172206	30.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	182983	31.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	335990	28.17	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	181518	15.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	1086249	30.84	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1357168	31.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	88372	18.17	ng/ul	0.01
57) Fluorene-d10	15.19	176	881341	27.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	36884	7.53	ng/ul	0.01
70) Anthracene-d10	17.04	188	1215506	30.85	ng/ul	0.00
76) Pyrene-d10	19.35	212	1053930	36.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	759784	30.00	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.35	105	47431	2.169	ng/ul#	80
20) Nitrobenzene	8.73	77	20372	1.238	ng/ul	99
28) Naphthalene	10.35	128	80120	2.072	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	42895	1.458	ng/ul	89
44) Dimethylphthalate	13.65	163	731592	21.065	ng/ul	99
47) Acenaphthylene	13.90	152	45278	1.103	ng/ul#	91
49) Acenaphthene	14.25	153	112419	3.889	ng/ul	96
53) Dibenzofuran	14.59	168	73871	1.704	ng/ul	99
58) Fluorene	15.24	166	87727	2.345	ng/ul	97
69) Phenanthrene	16.99	178	1613553	34.296	ng/ul	99
71) Anthracene	17.07	178	367130	7.759	ng/ul	98
72) Carbazole	17.36	167	161502	4.059	ng/ul	99
73) Di-n-butylphthalate	17.92	149	67439	1.314	ng/ul#	94
74) Fluoranthene	19.02	202	2312229	41.136	ng/ul#	92
77) Pyrene	19.38	202	1944951	52.578	ng/ul#	90
78) Butylbenzylphthalate	20.29	149	88650	5.796	ng/ul#	77
80) Benzo(a)anthracene	21.14	228	877437	25.258	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.08	149	4184718	191.035	ng/ul#	95
82) Chrysene	21.19	228	817256	25.218	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	1052351	30.204	ng/ul#	96
86) Benzo(k)fluoranthene	22.69	252	1052351	31.768	ng/ul#	94
88) Benzo(a)pyrene	23.24	252	731615	23.499	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	504415	16.696	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
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Sample : J1631-07
Misc :
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Instrument : BNA_M
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Quant Time: Feb 27 03:25:06 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.50	278	134489	5.357 ng/ul#	72
91) Benzo(g,h,i)perylene	26.16	276	383870	15.684 ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
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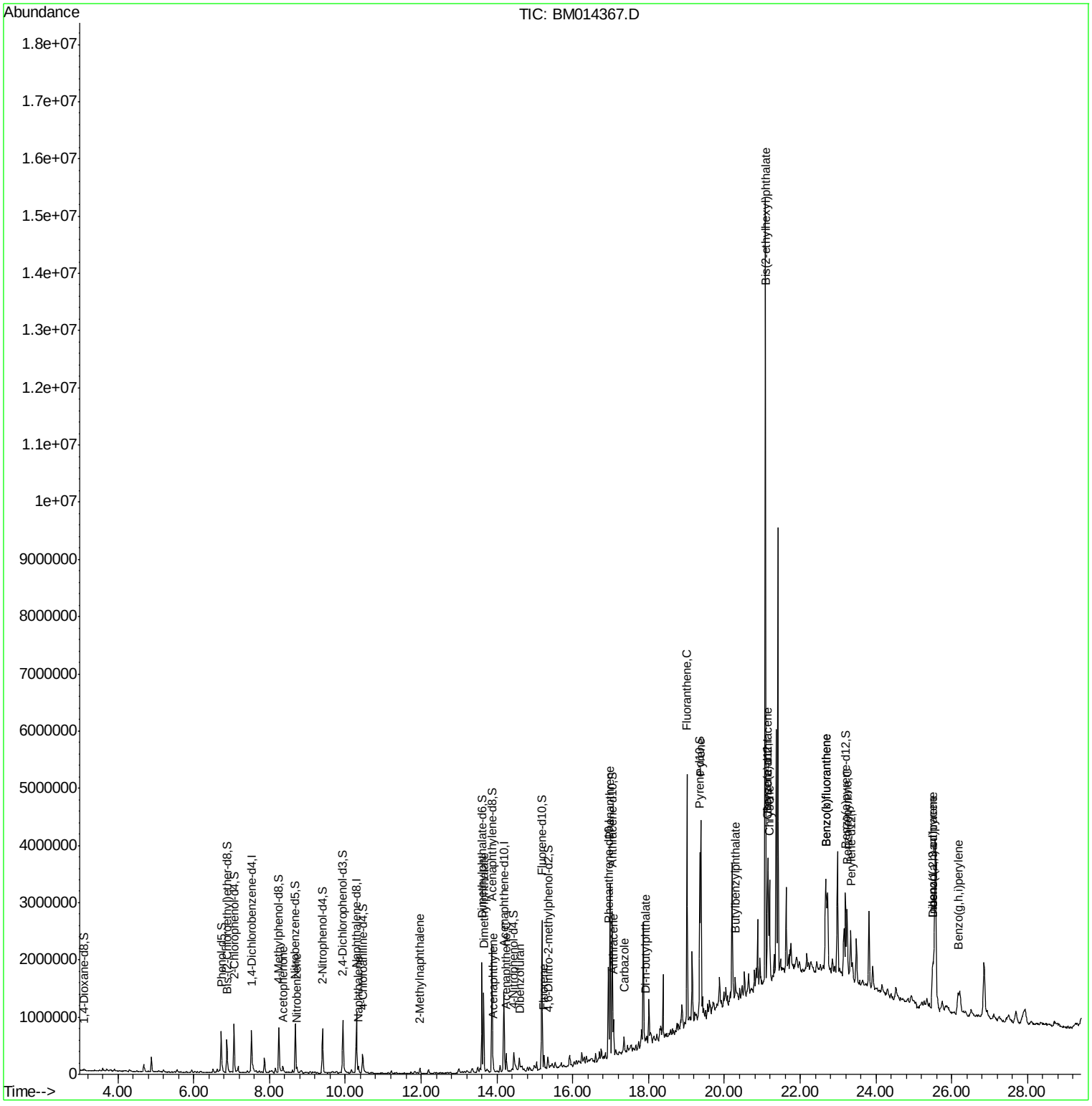
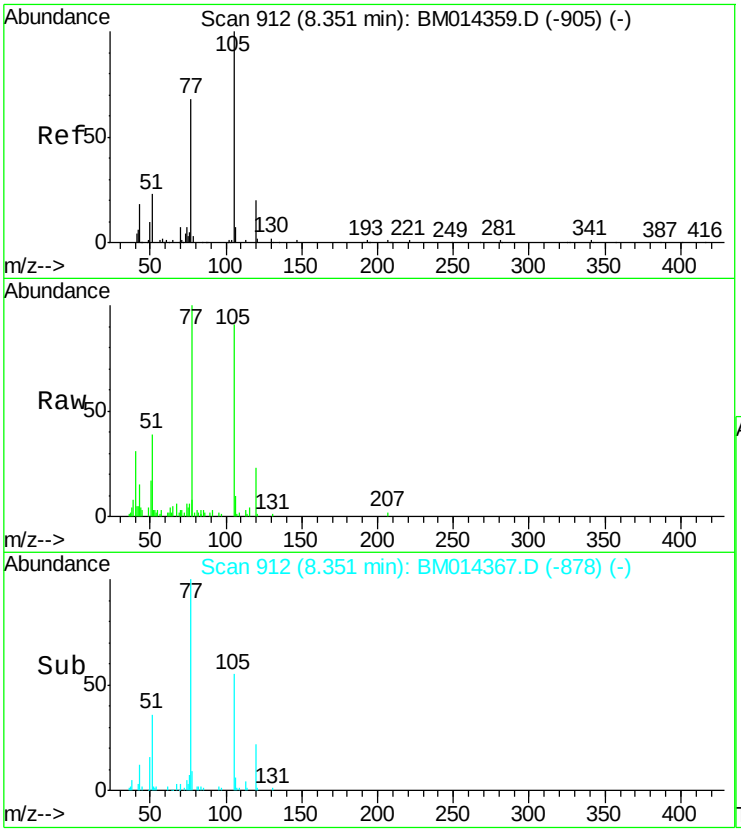
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



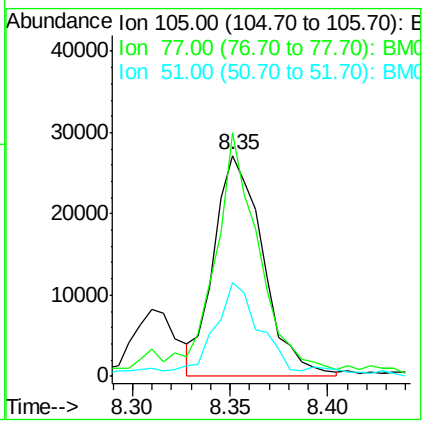


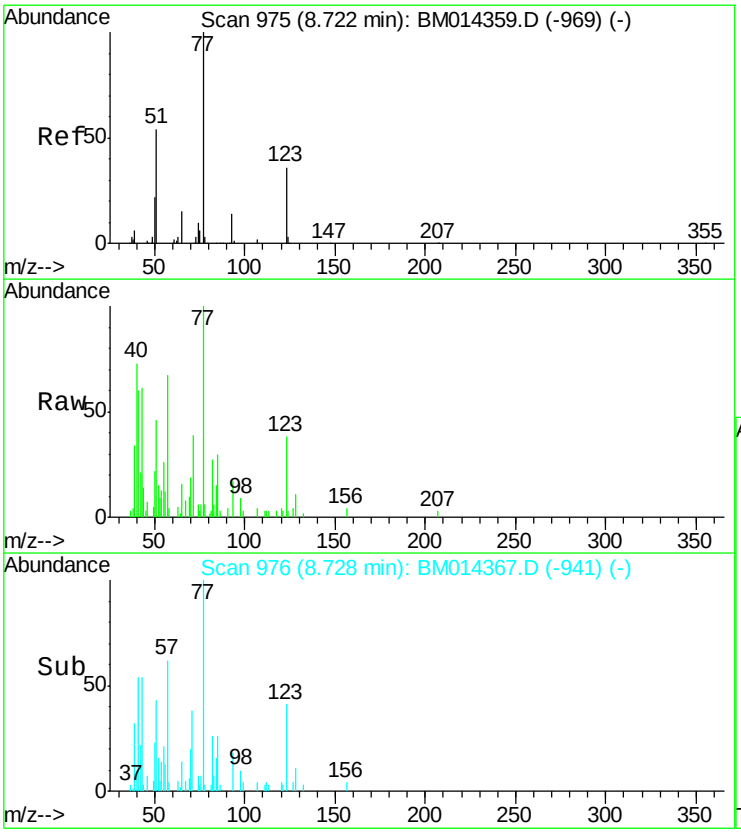
#14
Acetophenone
Concen: 2.169 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 47431

Ion	Ratio	Lower	Upper
105	100		
77	110.3	74.2	111.4
51	42.5	23.4	35.2#

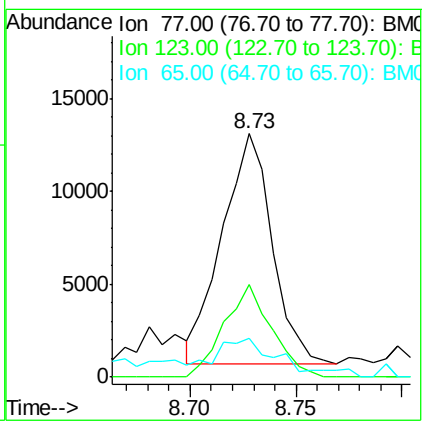


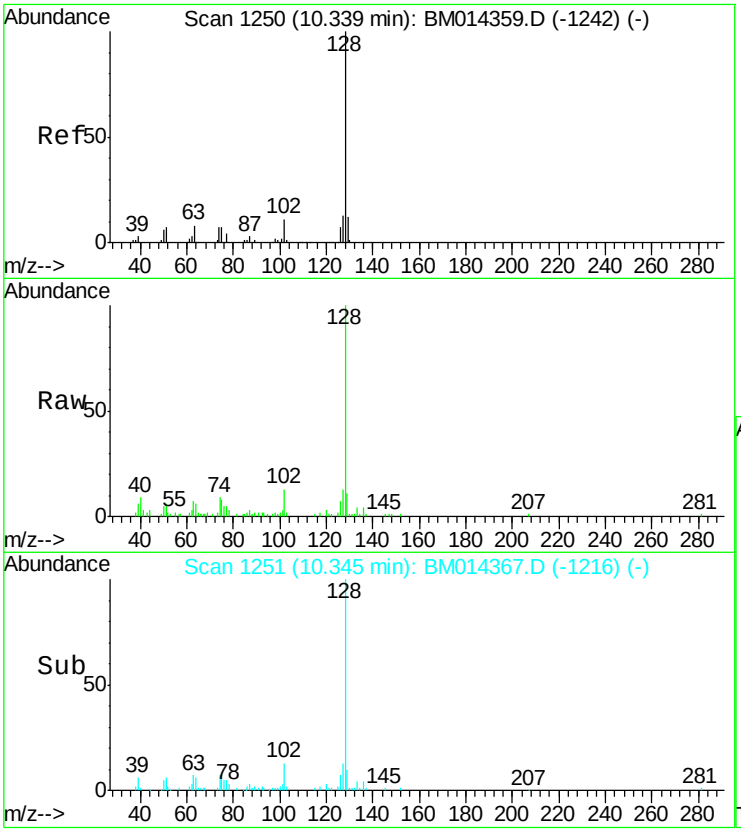


#20
Nitrobenzene
Concen: 1.238 ng/ul
RT: 8.73 min Scan# 976
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion: 77 Resp: 20372

Ion	Ratio	Lower	Upper
77	100		
123	38.1	31.0	46.6
65	16.0	12.2	18.2



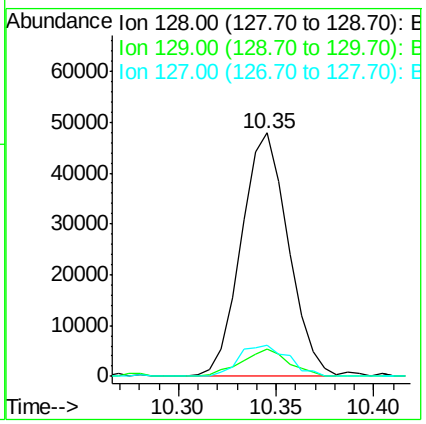


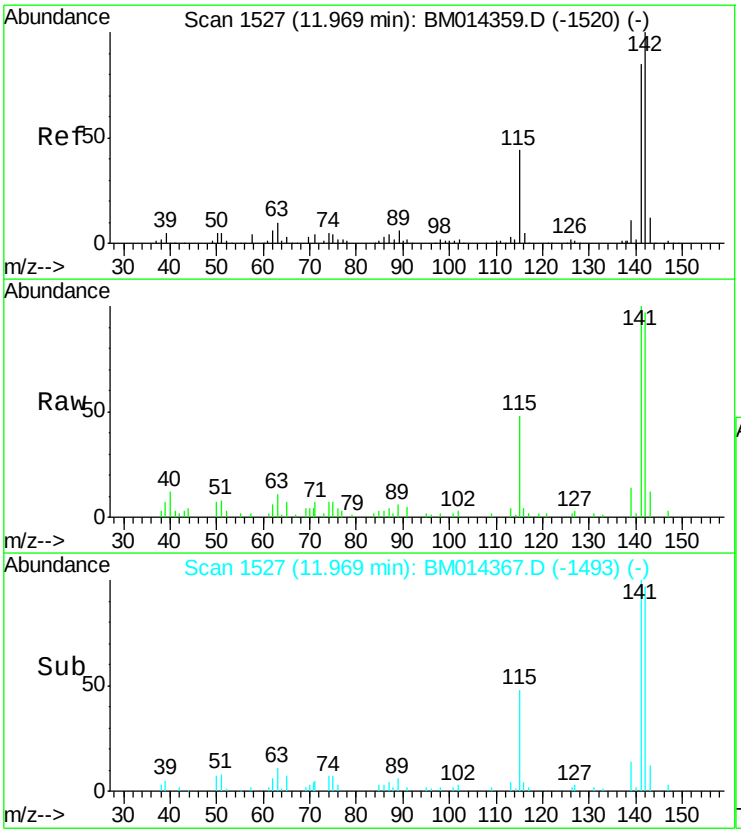
#28
Naphthalene
Concen: 2.072 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 80120

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	10.6	16.0

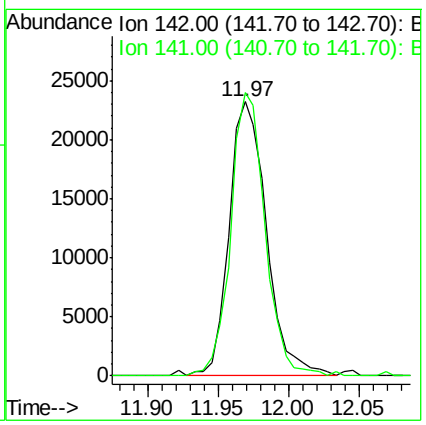


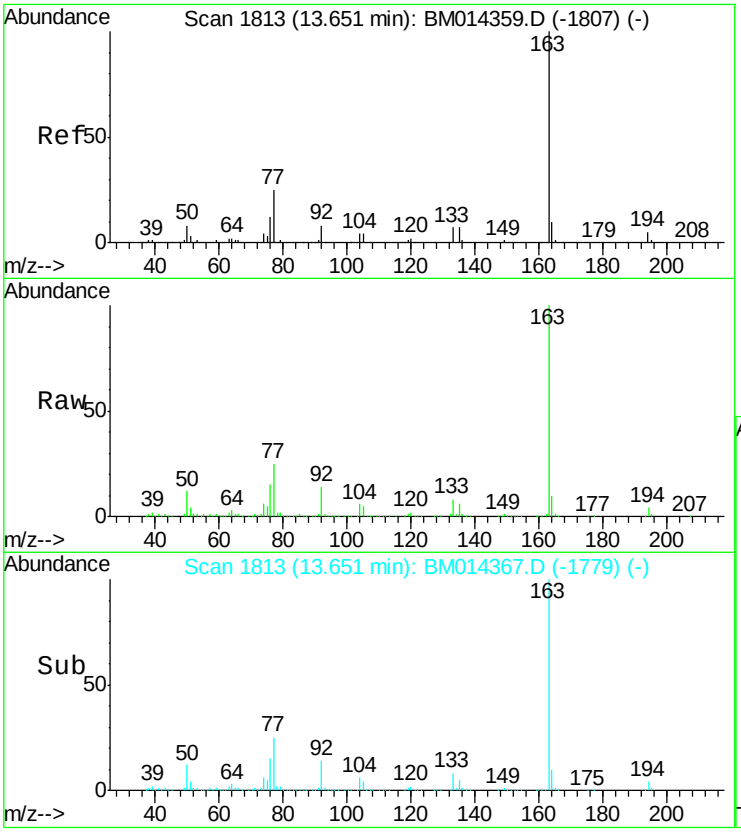


#34
2-Methylnaphthalene
Concen: 1.458 ng/ul
RT: 11.97 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:142 Resp: 42895

Ion	Ratio	Lower	Upper
142	100		
141	103.2	74.1	111.1



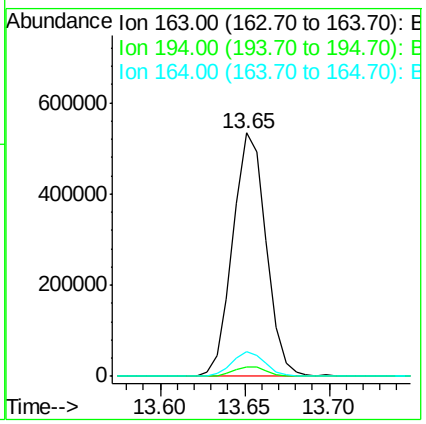


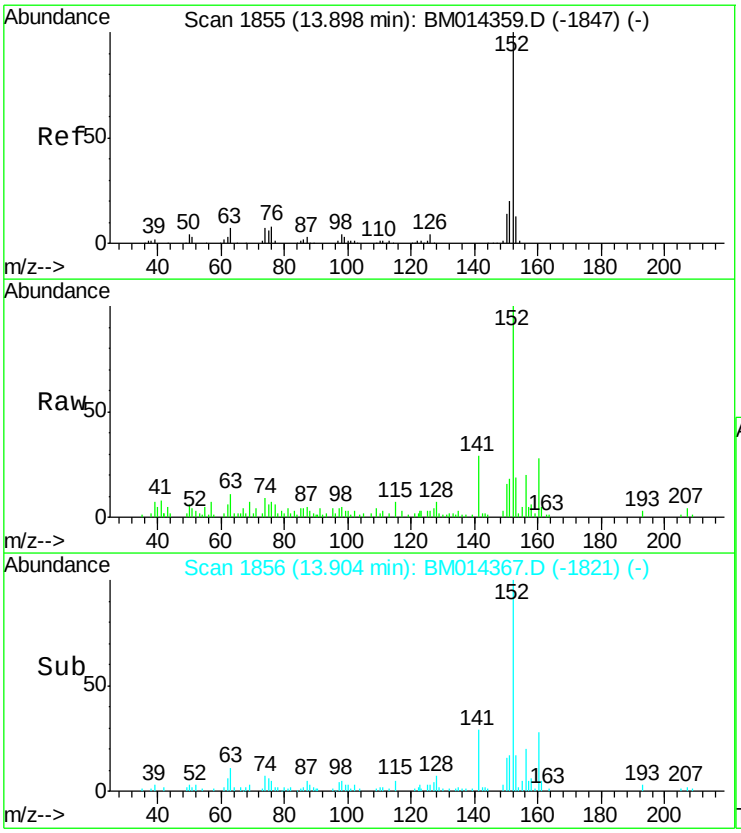
#44
Dimethylphthalate
Concen: 21.065 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 731592

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.9	8.2	12.4

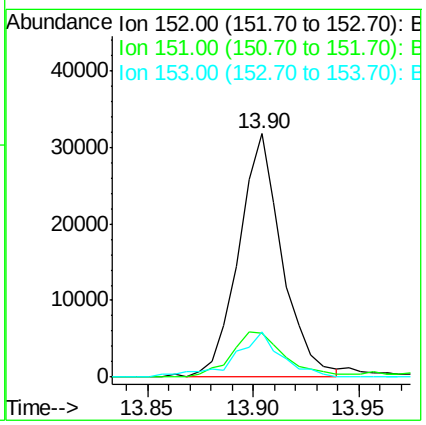


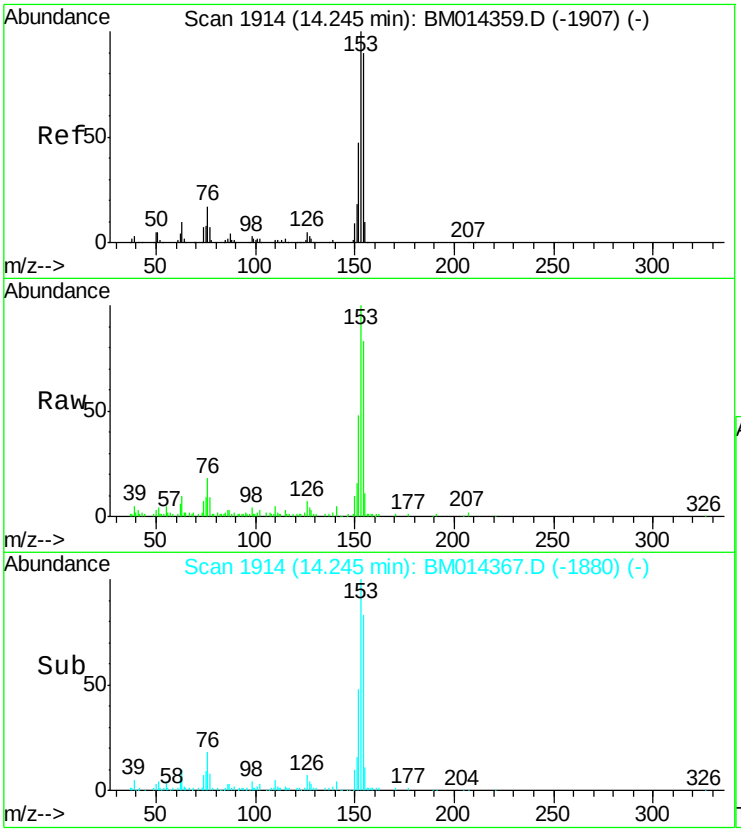


#47
Acenaphthylene
Concen: 1.103 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:152 Resp: 45278

Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.3	24.5
153	18.6	10.2	15.4#



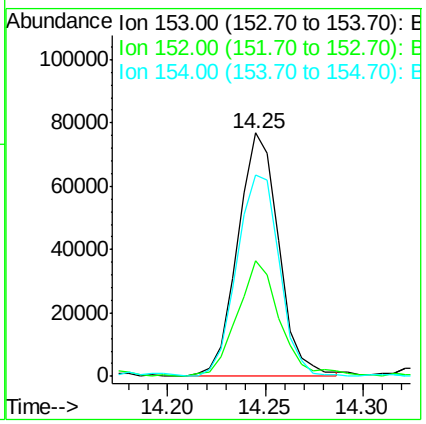


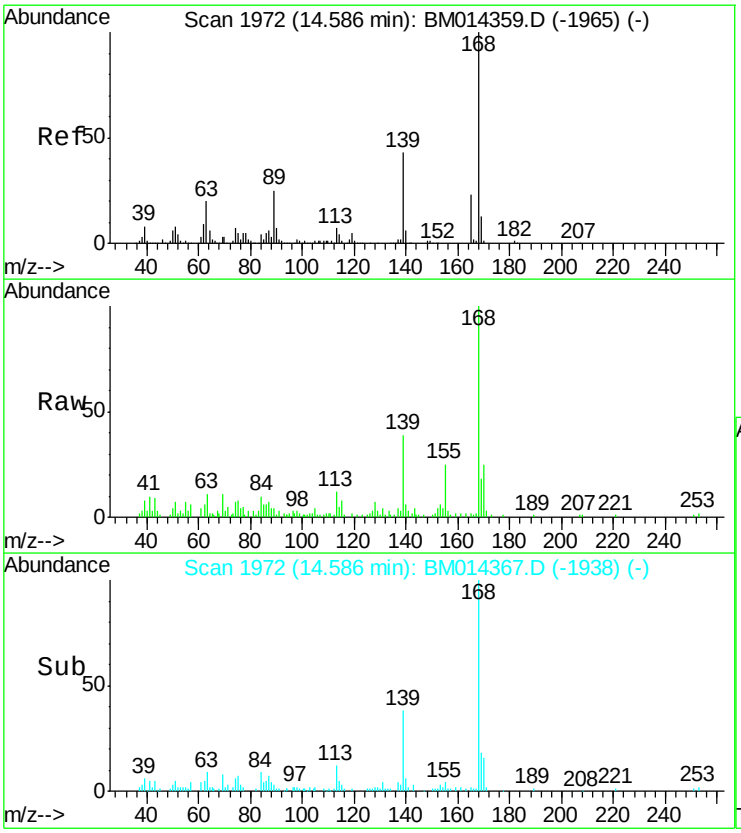
#49
Acenaphthene
Concen: 3.889 ng/ul
RT: 14.25 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 112419

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.6	56.4
154	82.6	70.4	105.6

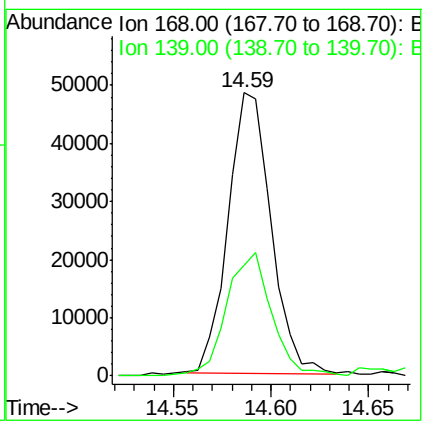


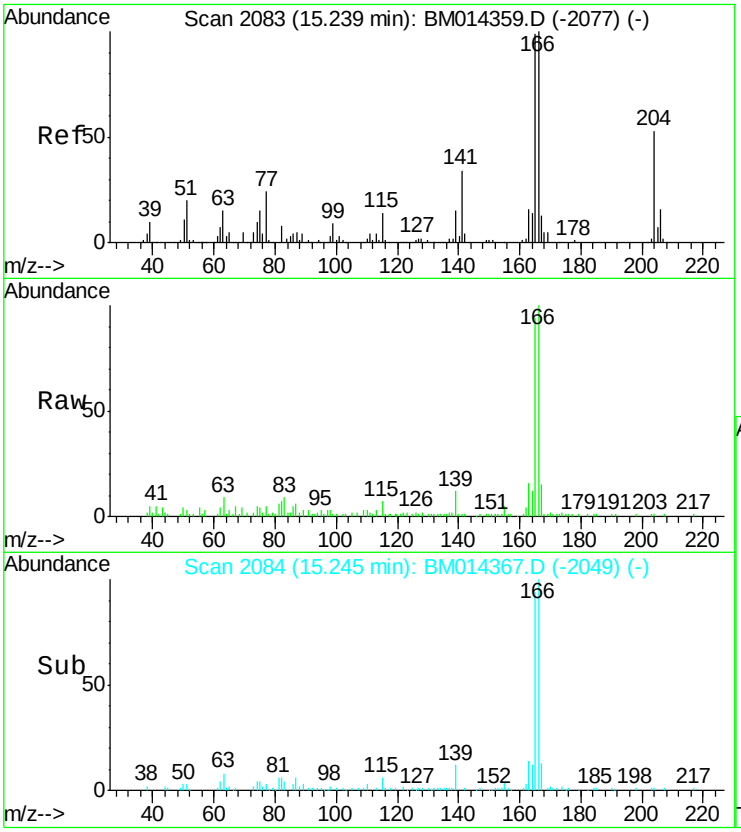


#53
Dibenzofuran
Concen: 1.704 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:168 Resp: 73871

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.8	46.2



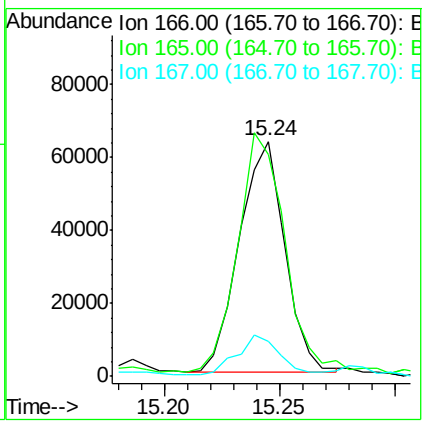


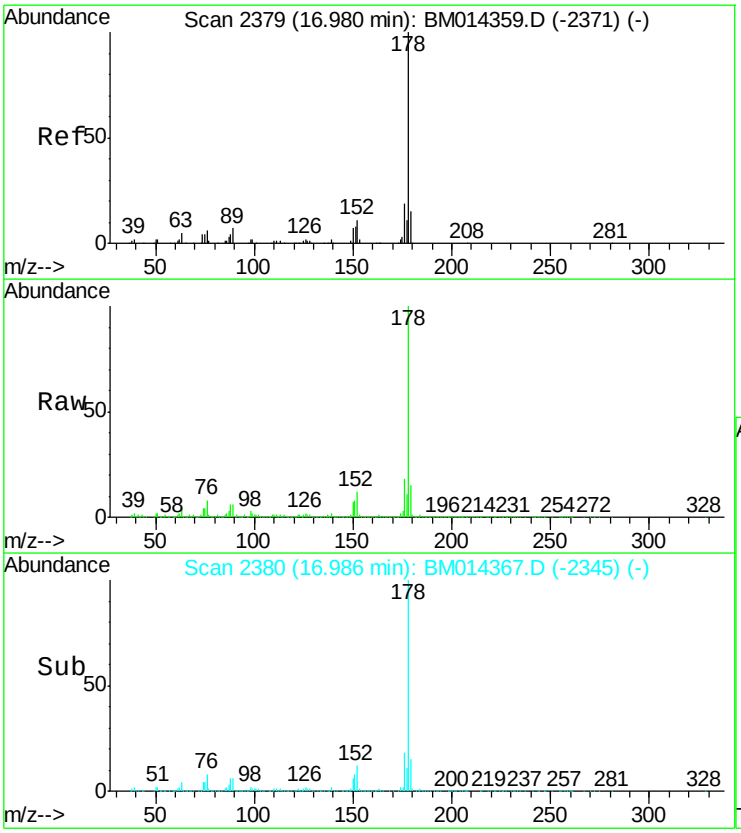
#58
Fluorene
Concen: 2.345 ng/ul
RT: 15.24 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 87727

Ion	Ratio	Lower	Upper
166	100		
165	94.5	77.9	116.9
167	15.1	10.6	16.0

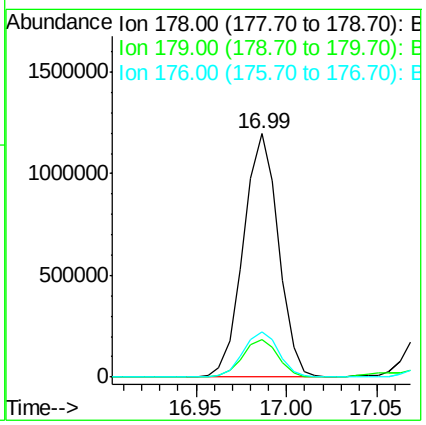


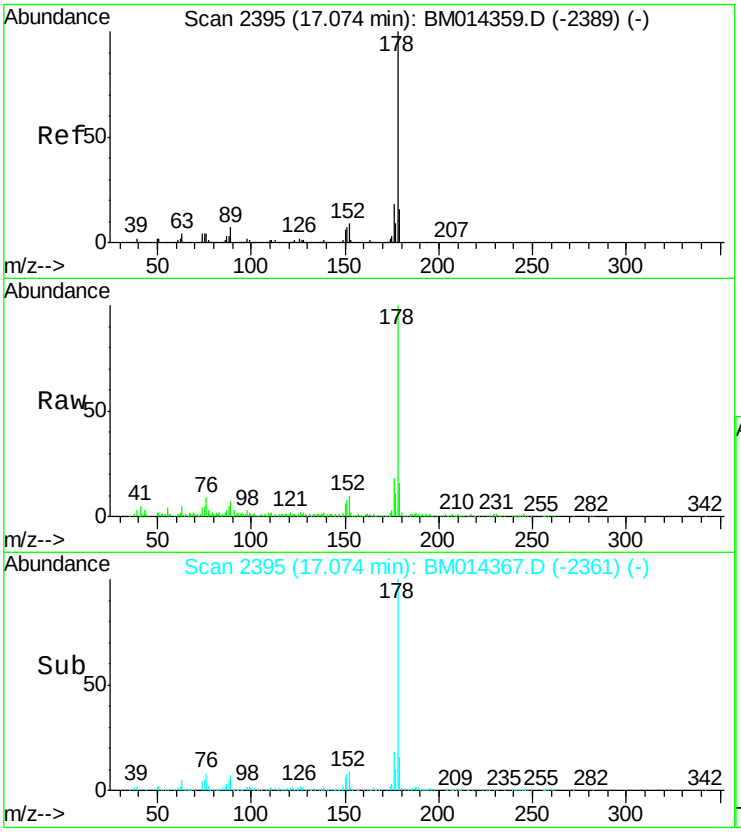


#69
Phenanthrene
Concen: 34.296 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:178 Resp: 1613553

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.5	14.9	22.3



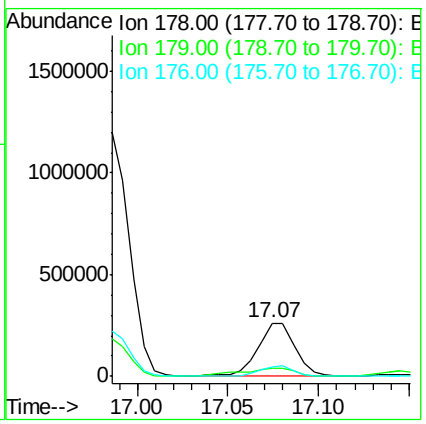


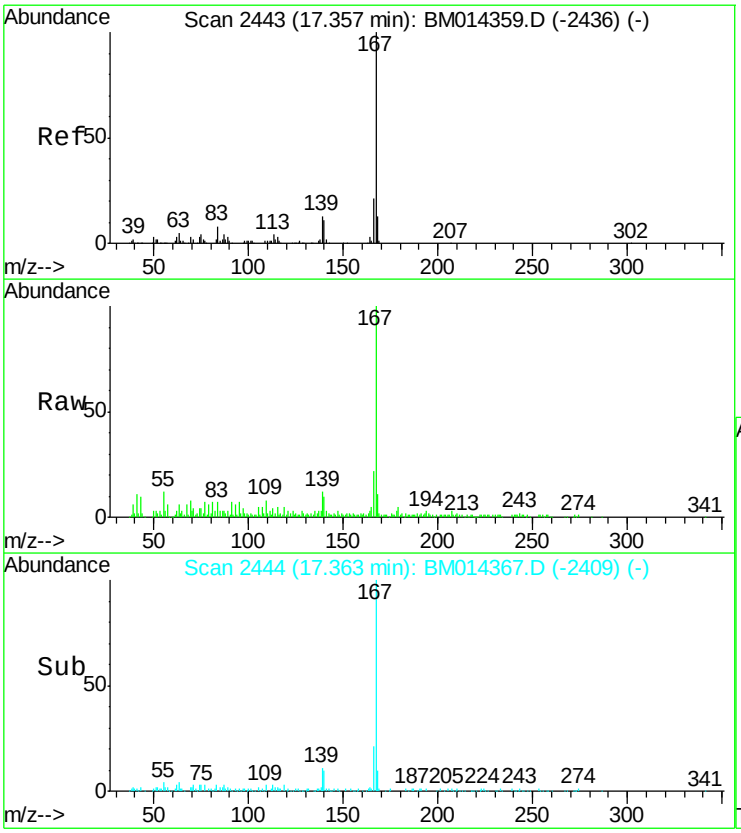
#71
Anthracene
Concen: 7.759 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 367130

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	18.3	14.6	21.8

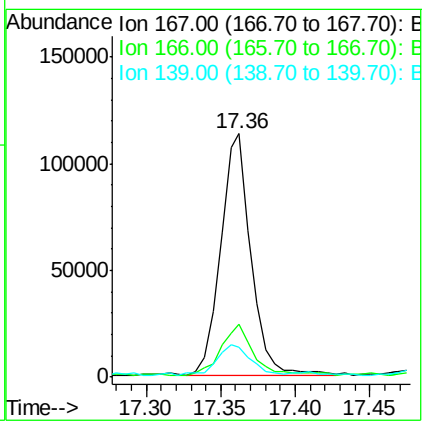


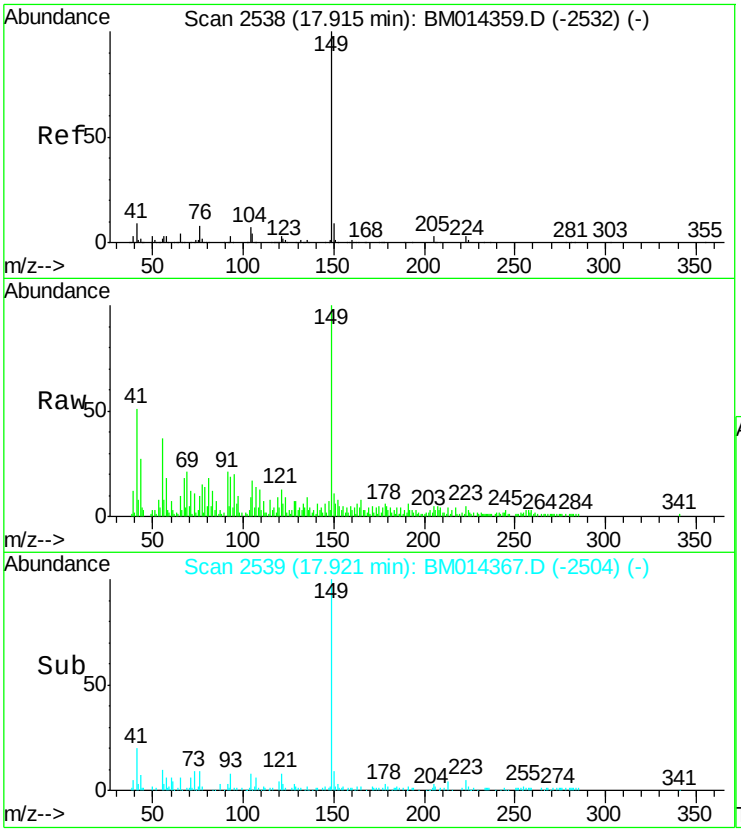


#72
Carbazole
Concen: 4.059 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:167 Resp: 161502

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.2	10.0	15.0



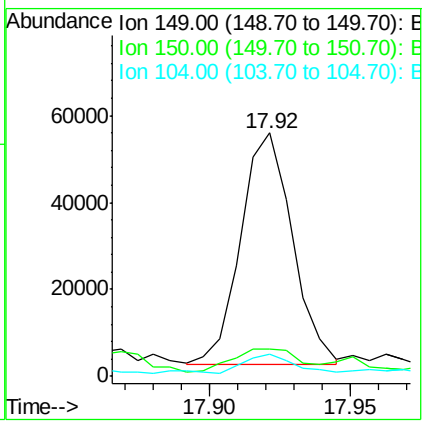


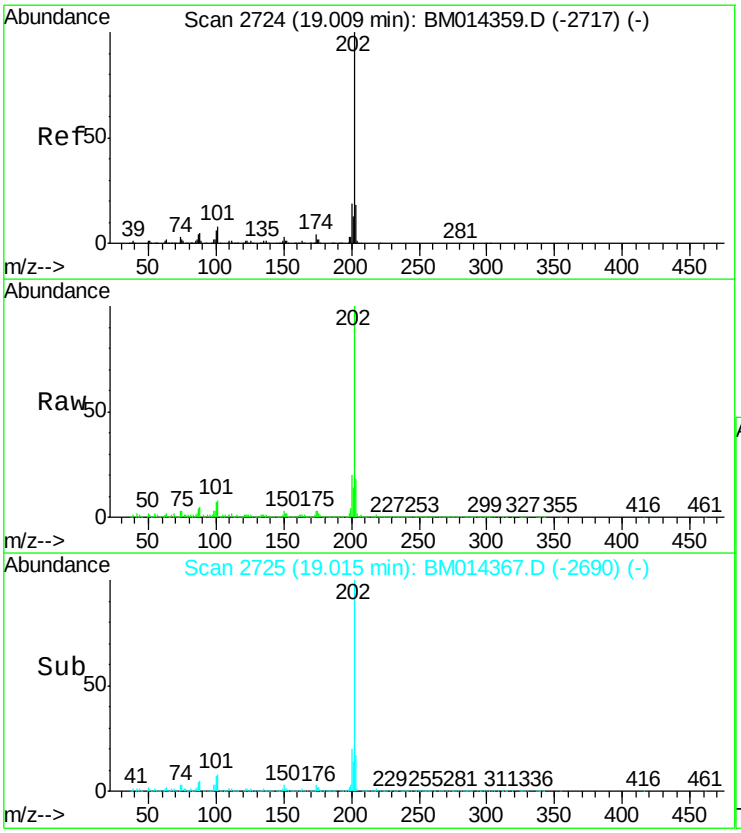
#73
Di-n-butylphthalate
Concen: 1.314 ng/ul
RT: 17.92 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 67439

Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.1	10.7#
104	9.0	5.6	8.4#

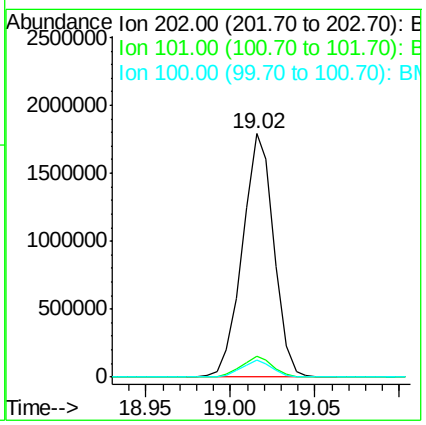


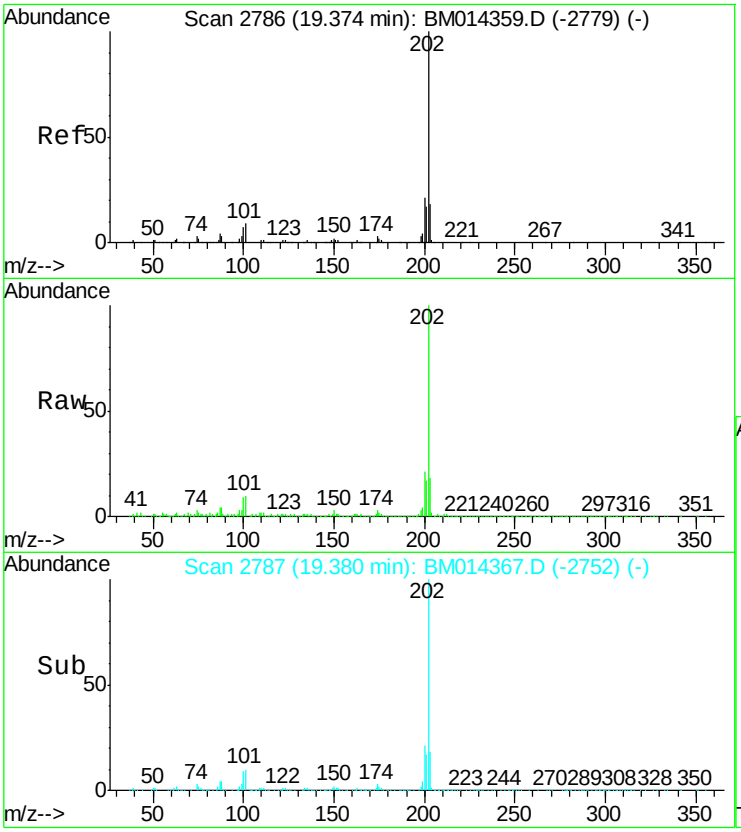


#74
Fluoranthene
Concen: 41.136 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:202 Resp: 2312229

Ion	Ratio	Lower	Upper
202	100		
101	8.4	4.6	7.0#
100	6.9	3.4	5.2#



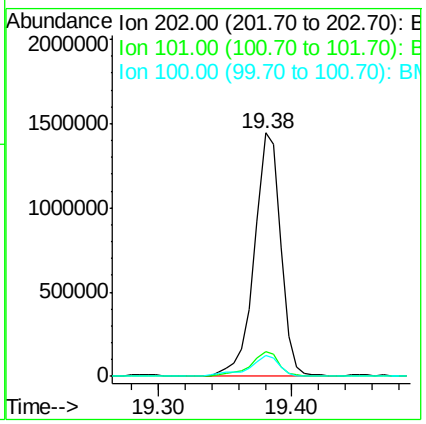


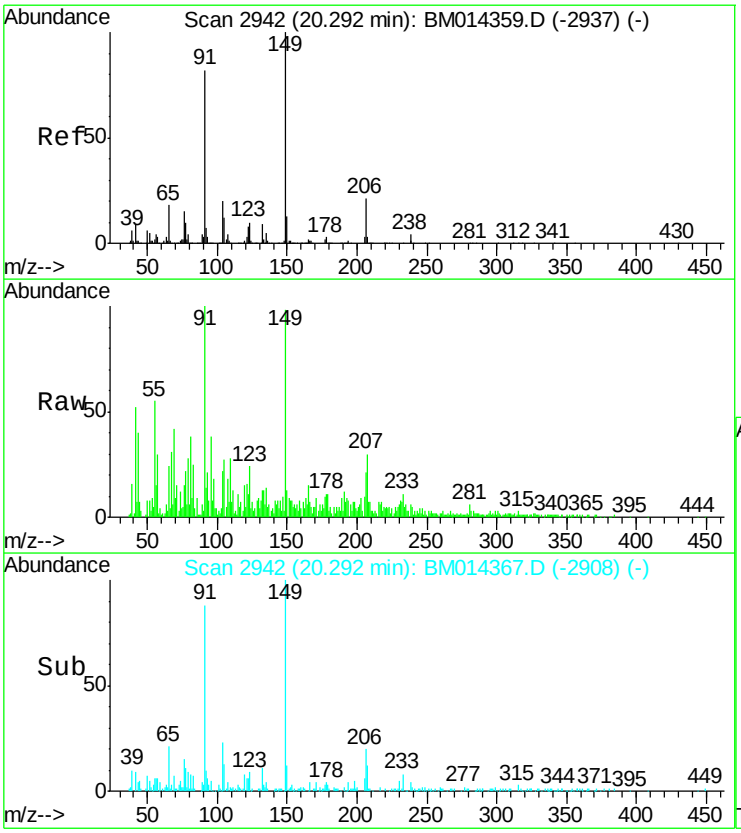
#77
Pyrene
Concen: 52.578 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1944951

Ion	Ratio	Lower	Upper
202	100		
101	10.2	5.1	7.7#
100	8.8	4.9	7.3#

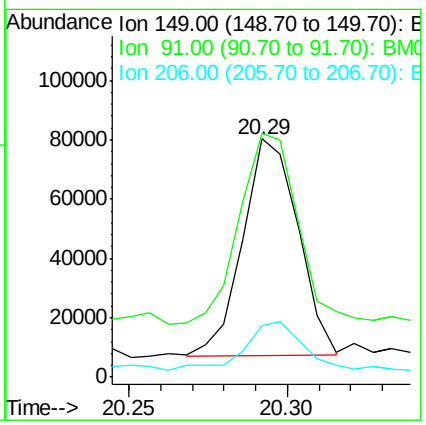


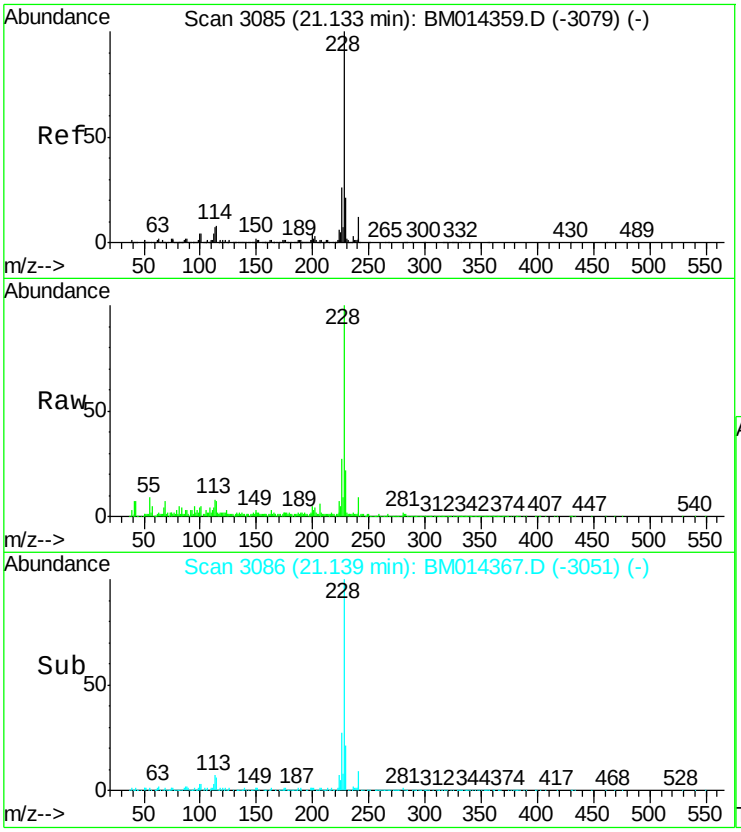


#78
Butylbenzylphthalate
Concen: 5.796 ng/ul
RT: 20.29 min Scan# 2942
Delta R.T. 0.00 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:149 Resp: 88650

Ion	Ratio	Lower	Upper
149	100		
91	102.4	62.7	94.1#
206	21.8	20.8	31.2



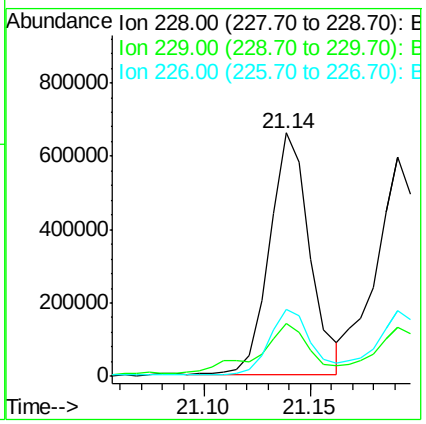


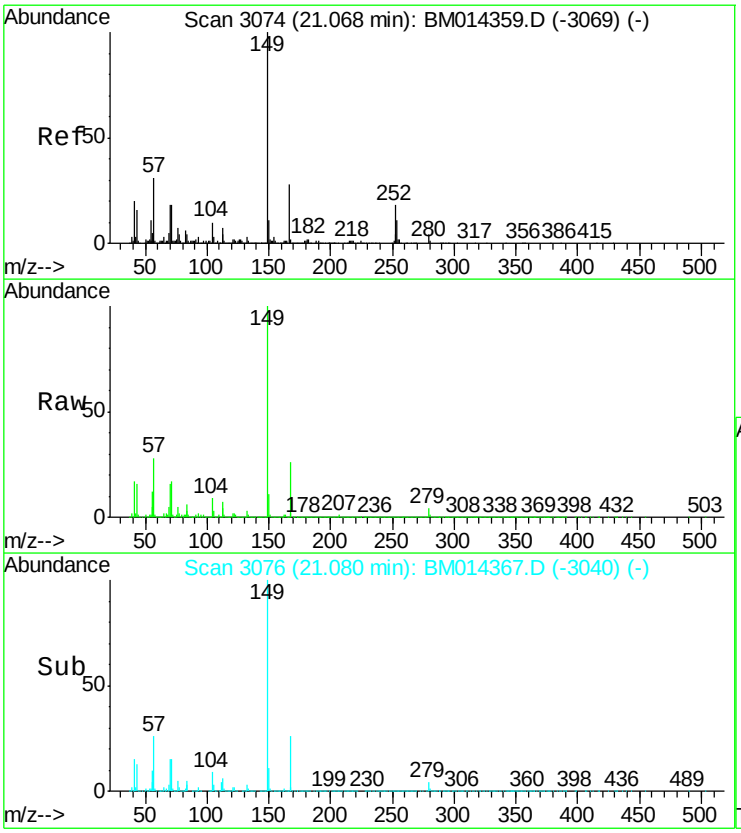
#80
Benzo(a)anthracene
Concen: 25.258 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 877437

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.0
226	27.4	21.4	32.0

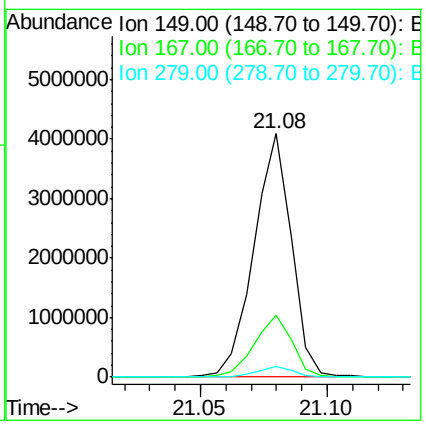


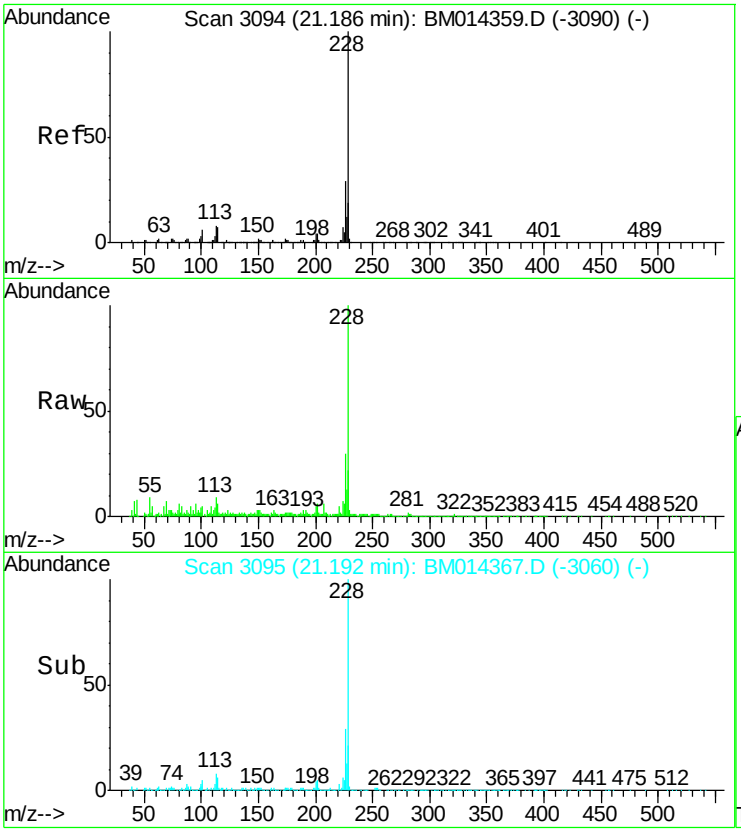


#81
Bis(2-ethylhexyl)phthalate
Concen: 191.035 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:149 Resp: 4184718

Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.8	34.2
279	4.4	4.9	7.3#



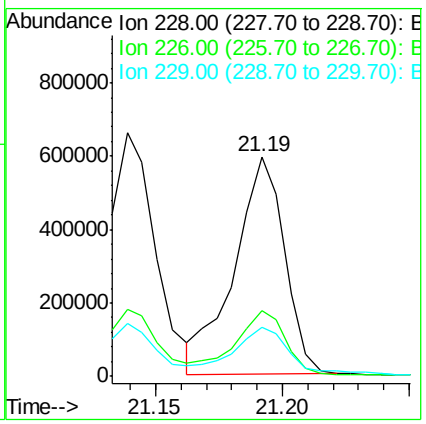


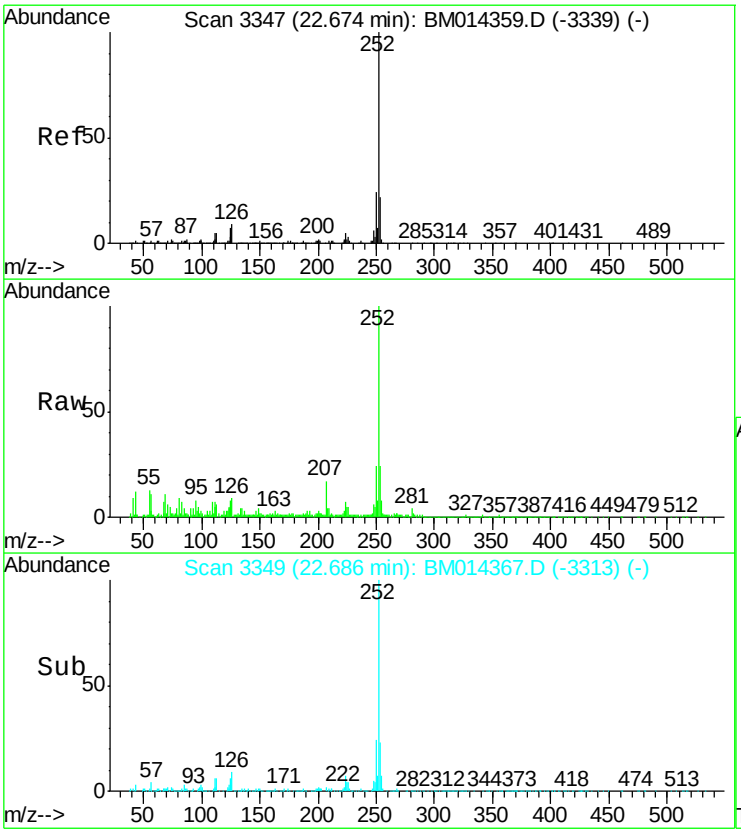
#82
Chrysene
Concen: 25.218 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 817256

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.2	15.5	23.3

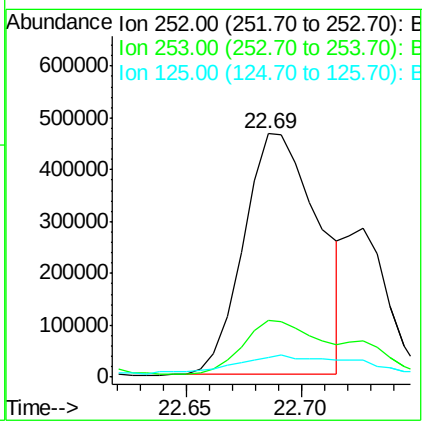


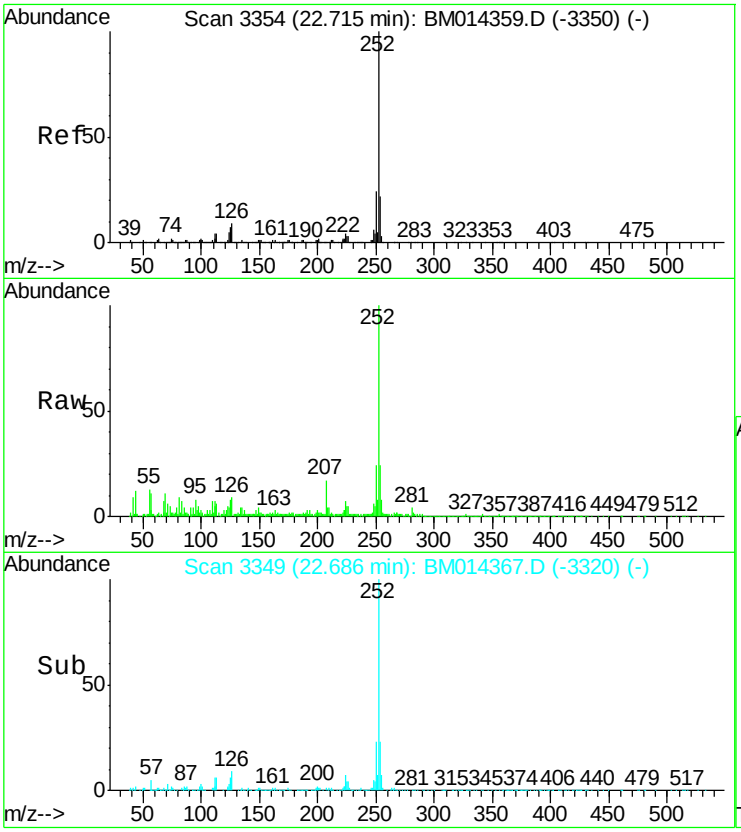


#85
Benzo(b)fluoranthene
Concen: 30.204 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:252 Resp: 1052351

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	8.1	3.6	5.4#



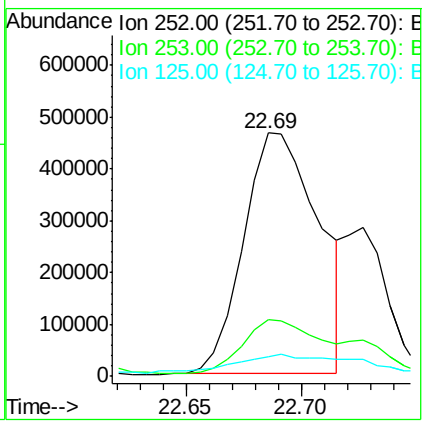


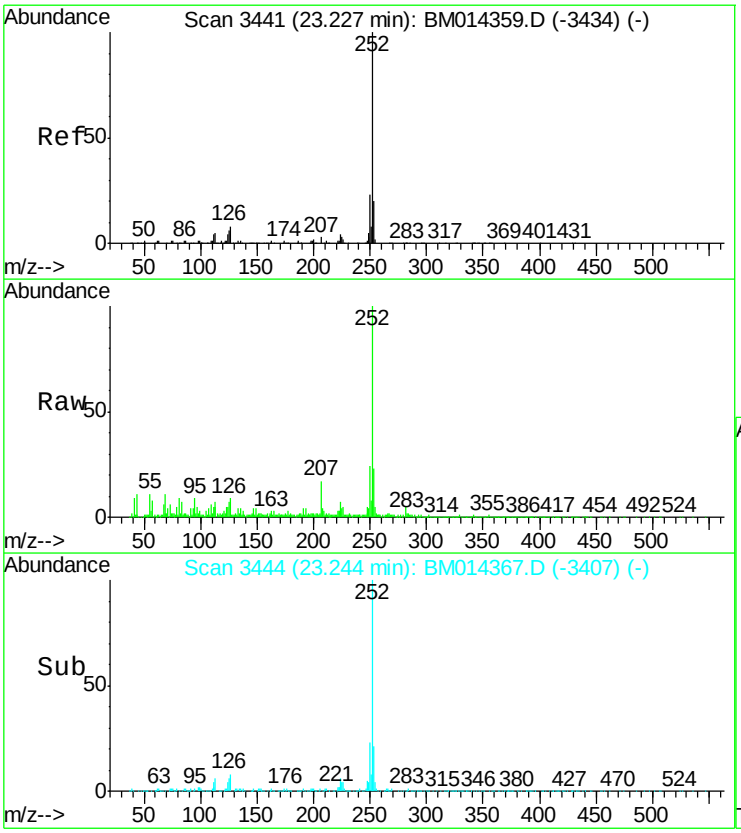
#86
Benzo(k)fluoranthene
Concen: 31.768 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.03 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1052351

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	8.1	3.4	5.2#

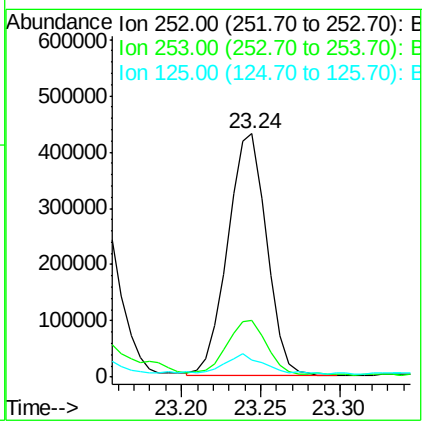


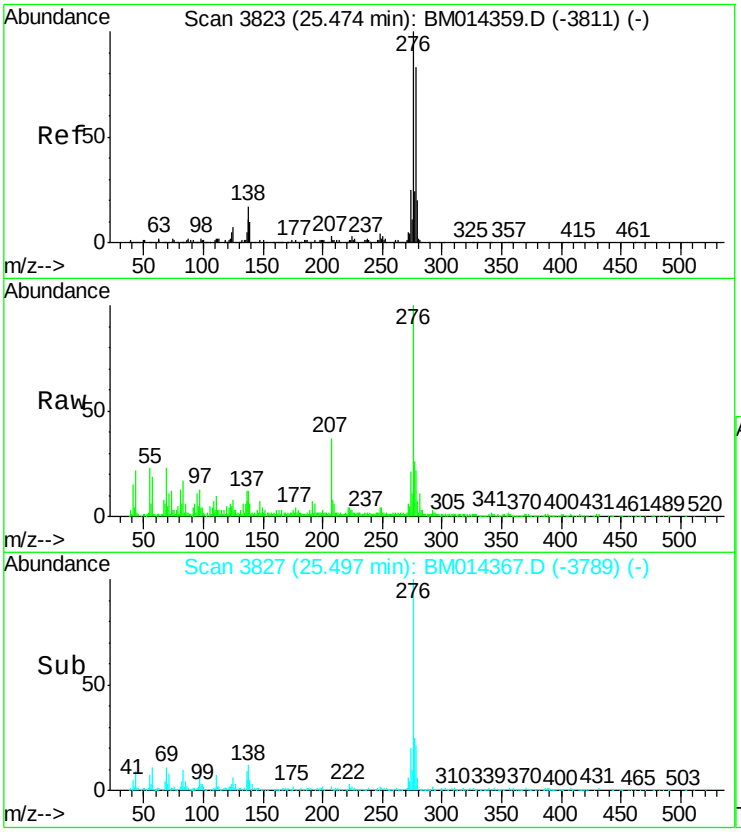


#88
Benzo(a)pyrene
Concen: 23.499 ng/ul
RT: 23.24 min Scan# 3444
Delta R.T. 0.02 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:252 Resp: 731615

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	7.3	4.0	6.0#



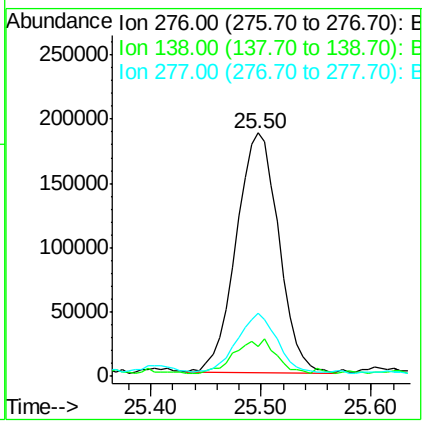


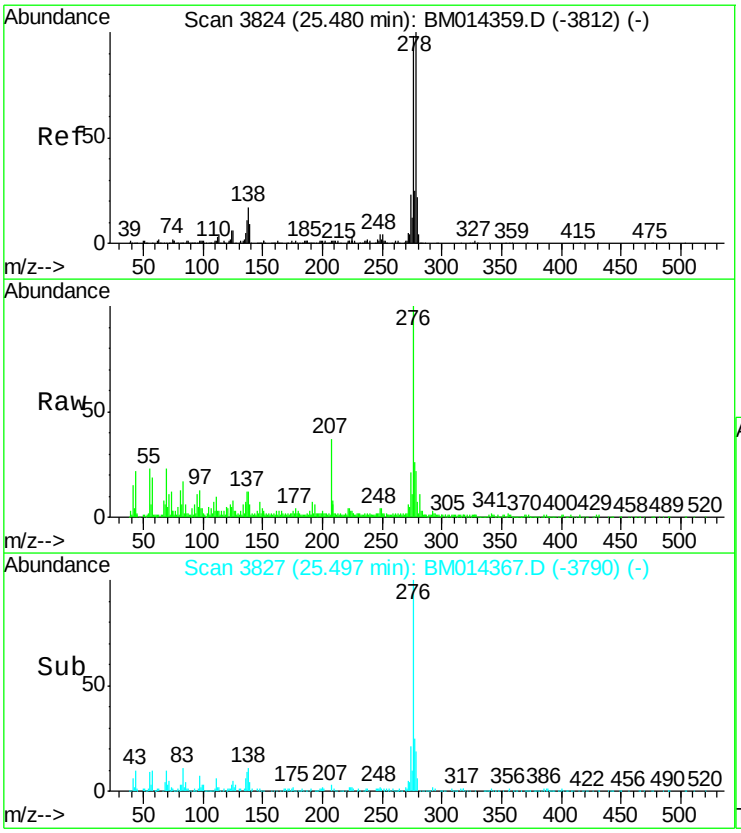
#89
Indeno(1,2,3-cd)pyrene
Concen: 16.696 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 504415

Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.3	13.9
277	25.7	19.9	29.9

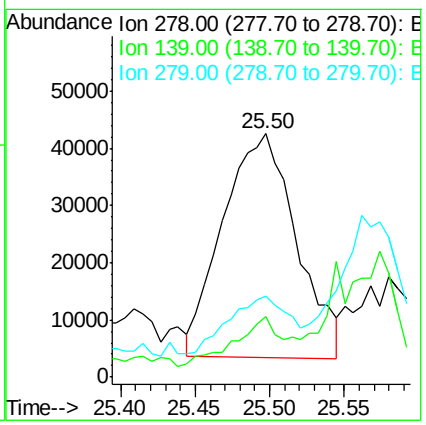


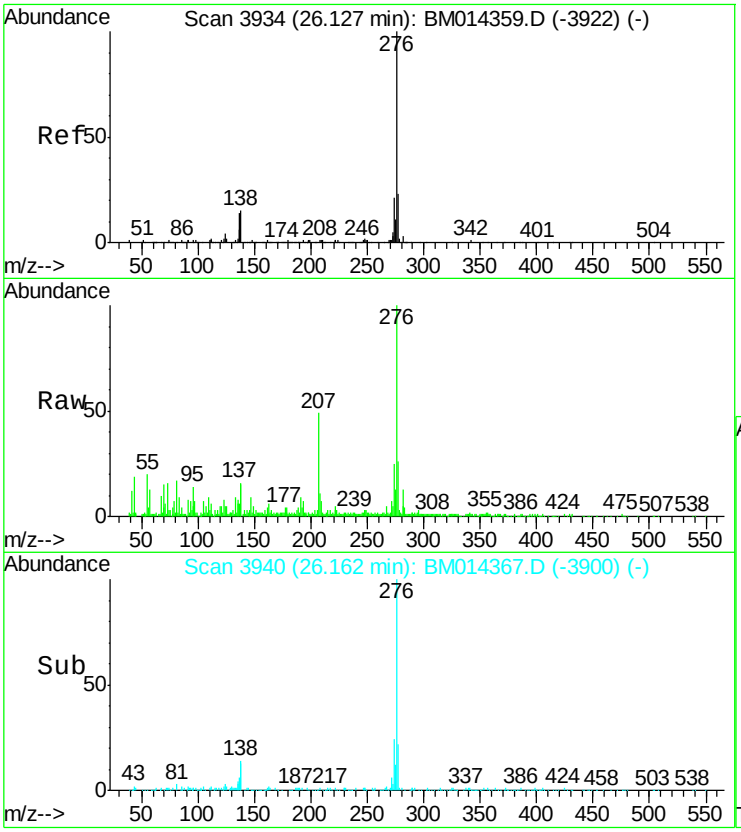


#90
Dibenzo(a,h)anthracene
Concen: 5.357 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Tgt Ion:278 Resp: 134489

Ion	Ratio	Lower	Upper
278	100		
139	24.8	5.8	8.8#
279	33.2	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 15.684 ng/ul
RT: 26.16 min Scan# 3940
Delta R.T. 0.04 min
Lab File: BM014367.D
Acq: 26 Feb 2018 21:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 383870

Ion	Ratio	Lower	Upper
276	100		
138	14.6	8.5	12.7#
277	25.8	18.6	28.0