Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014389.D
Acq On : 27 Feb 2018 19:02
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE609

Manual Integrations APPROVED
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2/28/2018 1:59:22 PM

Quant Time: Feb 28 01:56:15 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	108773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	447510	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	260407	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	518944	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	503174	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	494908	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	8440m	3.32	ng/uL	0.00
5) Phenol-d5	6.73	99	169574	18.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	101983	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	141466	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	138213	17.18	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	73900	22.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	83603	24.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	159039	22.43	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	123931m	17.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	530195	24.65	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	658692	24.84	ng/ul	0.01
51) 4-Nitrophenol-d4	14.46	143	53983	18.18	ng/ul	0.03
57) Fluorene-d10	15.19	176	445257	23.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	8964	2.88	ng/ul	0.01
70) Anthracene-d10	17.04	188	668407	26.70	ng/ul	0.00
76) Pyrene-d10	19.35	212	673316	25.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	619261	25.71	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.76	94	26967	2.795	ng/ul	90
14) Acetophenone	8.36	105	21432	1.544	ng/ul	85
28) Naphthalene	10.34	128	68791	2.993	ng/ul	96
30) 4-Chloroaniline	10.43	127	24329m	3.415	ng/ul	
34) 2-Methylnaphthalene	11.97	142	24615m	1.407	ng/ul	
44) Dimethylphthalate	13.65	163	233312	11.002	ng/ul	100
47) Acenaphthylene	13.90	152	111923	4.465	ng/ul	97
49) Acenaphthene	14.25	153	41291	2.340	ng/ul	90
53) Dibenzofuran	14.59	168	45826	1.732	ng/ul	100
58) Fluorene	15.24	166	60223	2.636	ng/ul#	97
69) Phenanthrene	16.99	178	1320689	44.171	ng/ul	99
71) Anthracene	17.08	178	246667	8.203	ng/ul	97
72) Carbazole	17.36	167	109697	4.339	ng/ul	98
74) Fluoranthene	19.02	202	2313829	64.773	ng/ul#	95
77) Pyrene	19.39	202	2129587	63.685	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	1082123	34.459	ng/ul	96
82) Chrysene	21.20	228	1119305	38.208	ng/ul	98
85) Benzo(b)fluoranthene	22.70	252	1397288	42.166	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	466822m	14.817	ng/ul	
88) Benzo(a)pyrene	23.25	252	1004296	33.915	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	672648	23.409	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.51	278	180416	7.556	ng/ul#	82
91) Benzo(g,h,i)perylene	26.17	276	494415	21.240	ng/ul#	95

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

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

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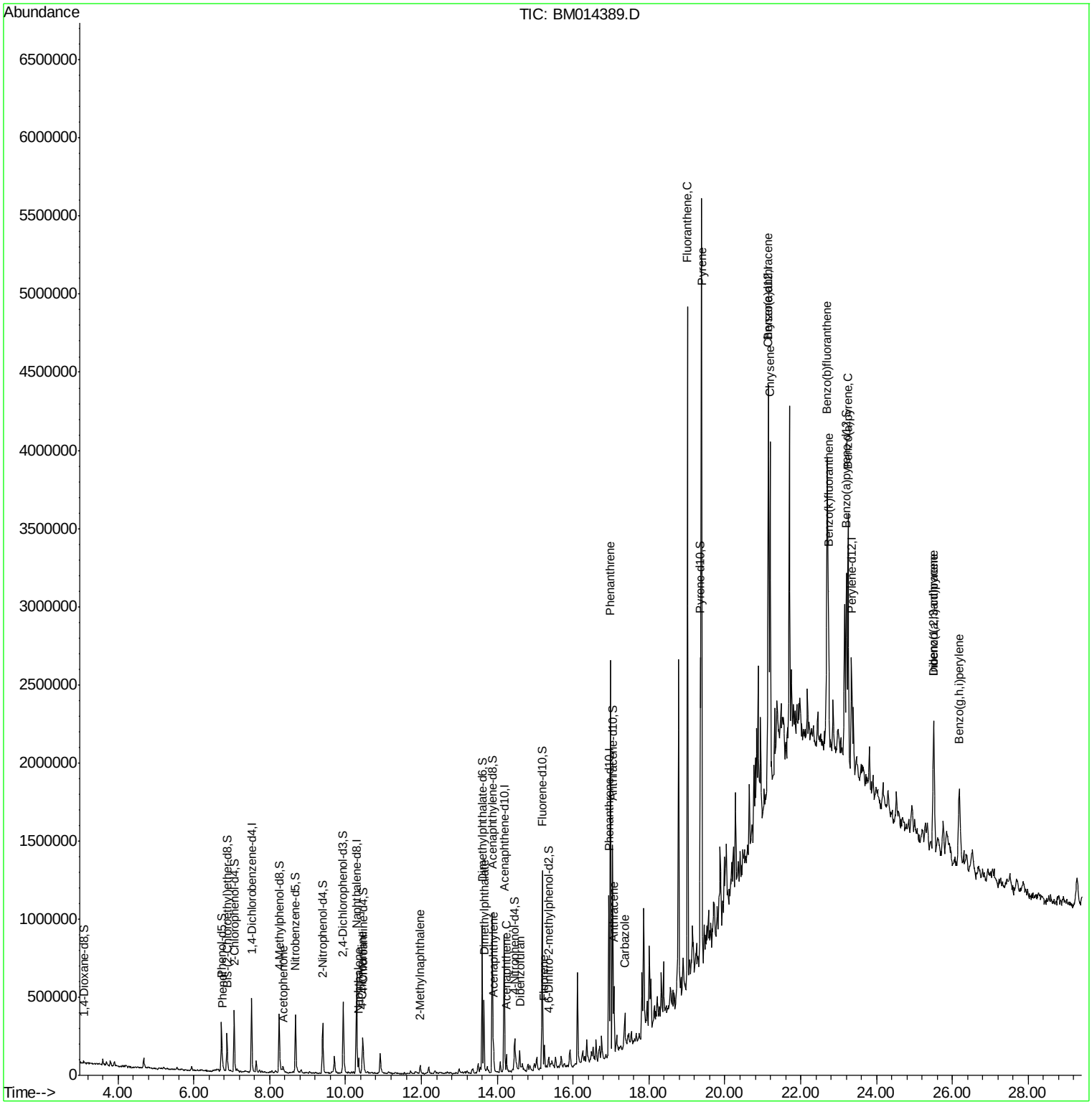
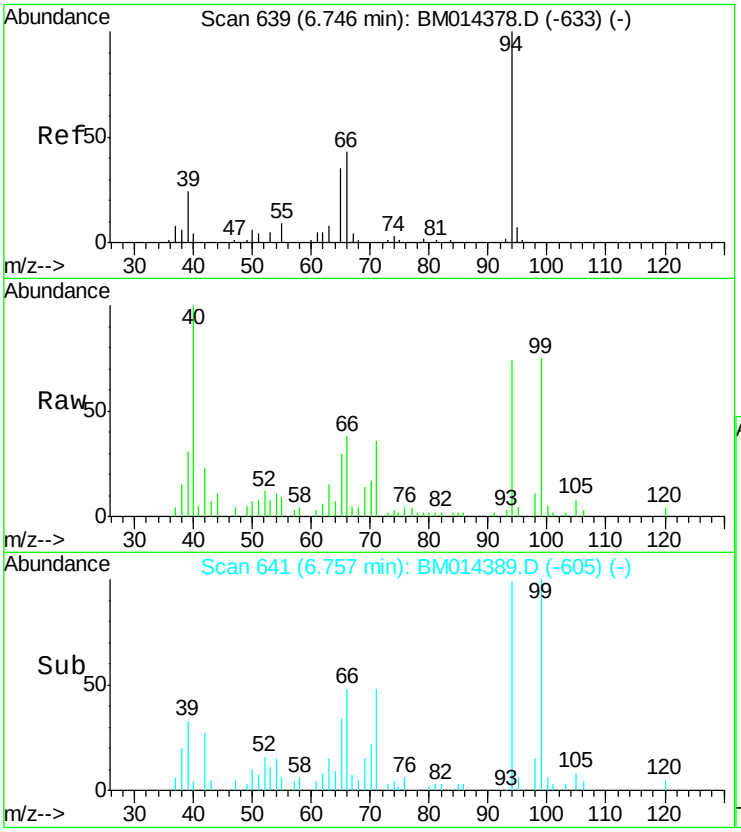
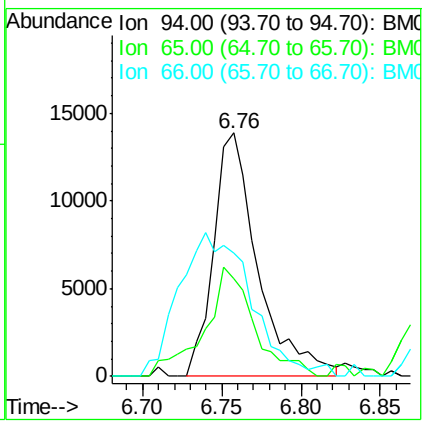




#6
Phenol
Concen: 2.795 ng/ul
RT: 6.76 min Scan# 641
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion: 94 Resp: 26967

Ion	Ratio	Lower	Upper
94	100		
65	39.9	28.2	42.4
66	50.5	47.2	70.8



Instrument :
BNA_M
ClientSampleId :
BE609

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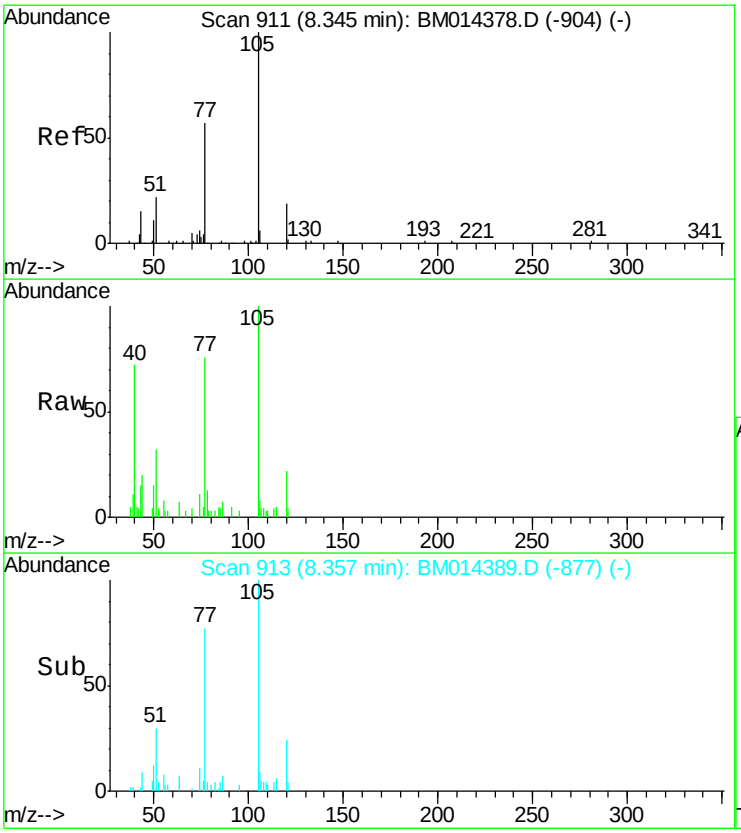
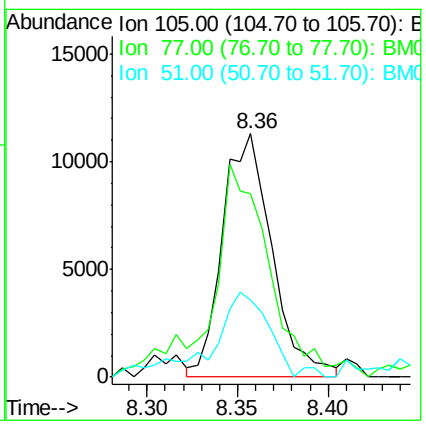
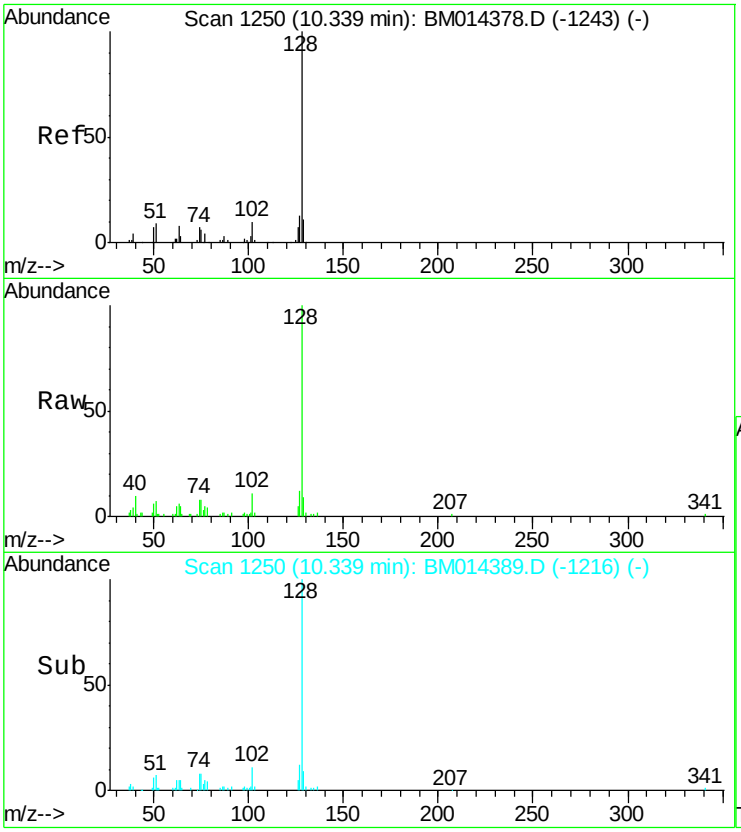


#14
Acetophenone
Concen: 1.544 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:105 Resp: 21432

Ion	Ratio	Lower	Upper
105	100		
77	75.6	74.2	111.4
51	31.6	23.4	35.2

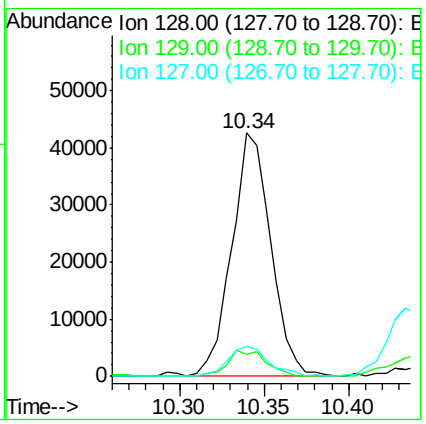




#28
Naphthalene
Concen: 2.993 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:128 Resp: 68791

Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.8	13.2
127	12.3	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
BE609

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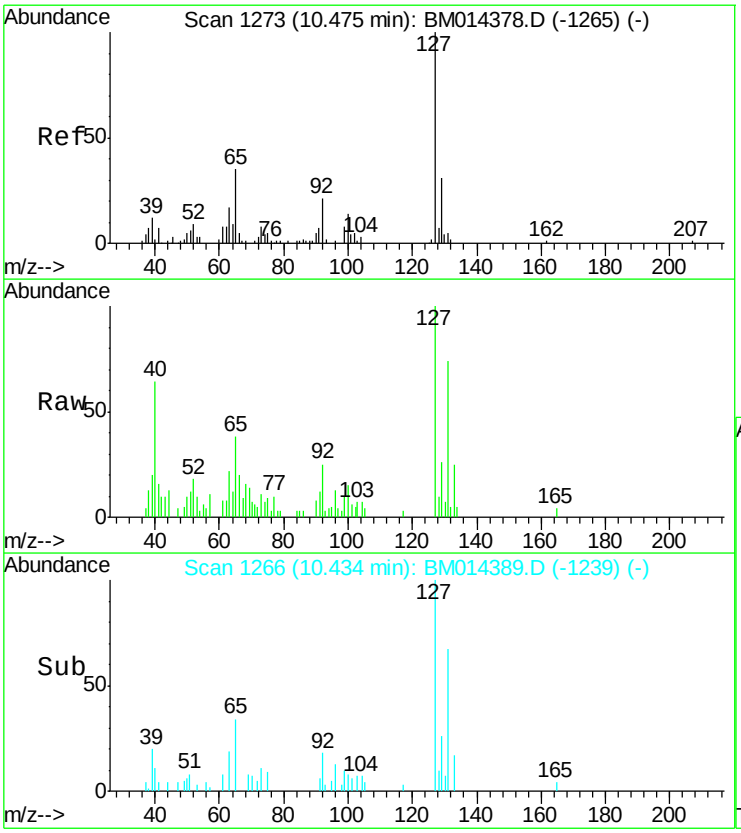
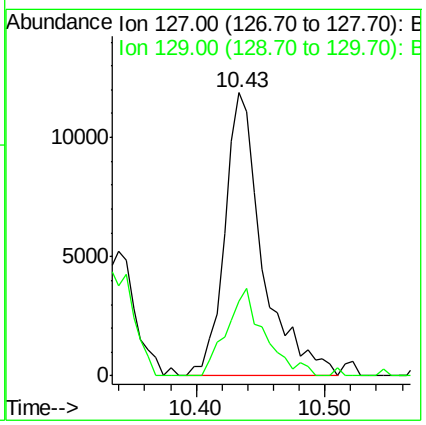
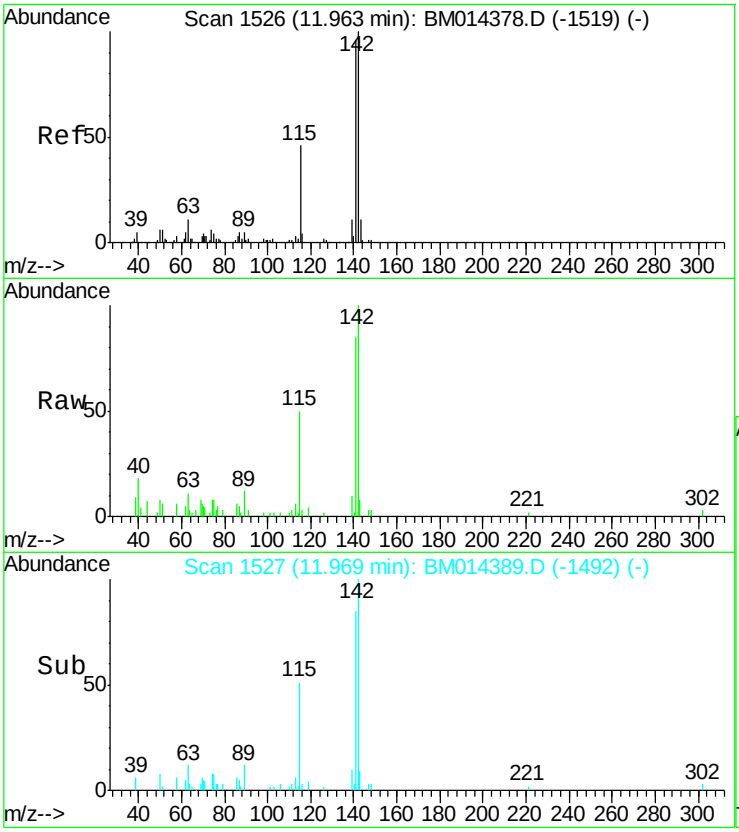


#30
4-Chloroaniline
Concen: 3.415 ng/ul m
RT: 10.43 min Scan# 1266
Delta R.T. -0.04 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:127 Resp: 24329

Ion	Ratio	Lower	Upper
127	100		
129	26.4	28.4	42.6#

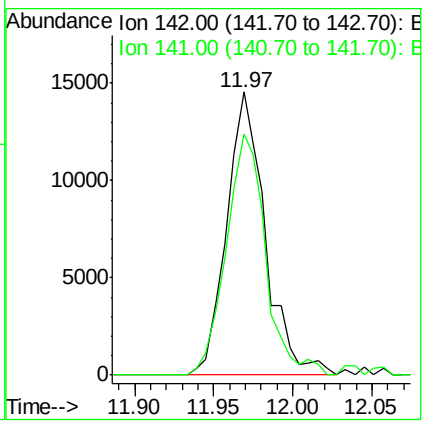




#34
2-Methylnaphthalene
Concen: 1.407 ng/ul m
RT: 11.97 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:142 Resp: 24615

Ion	Ratio	Lower	Upper
142	100		
141	85.3	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
BE609

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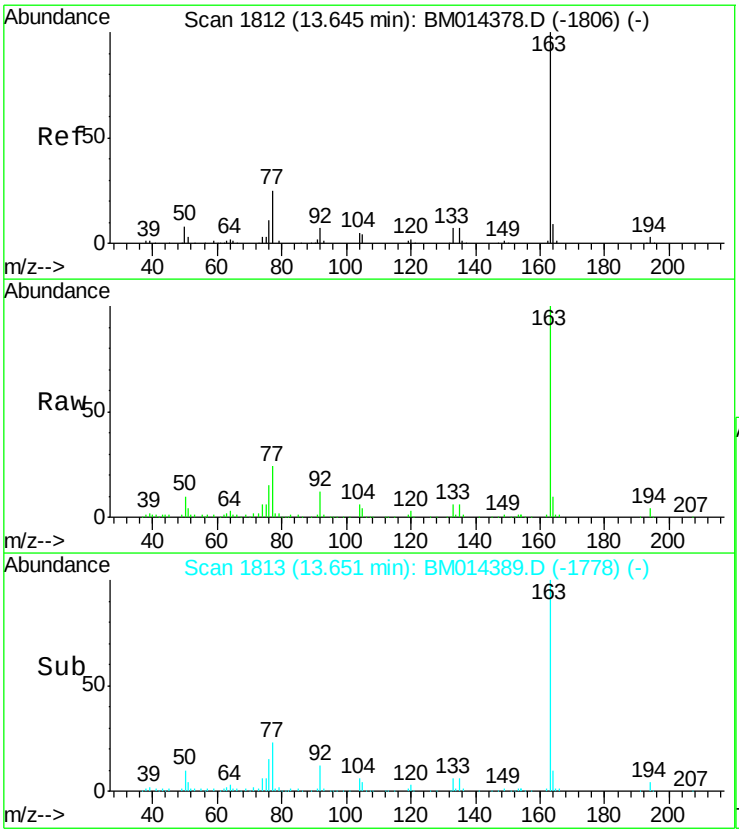
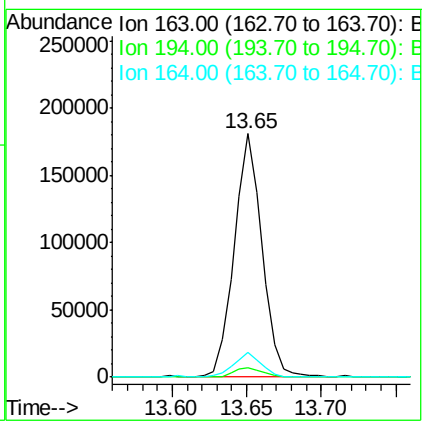
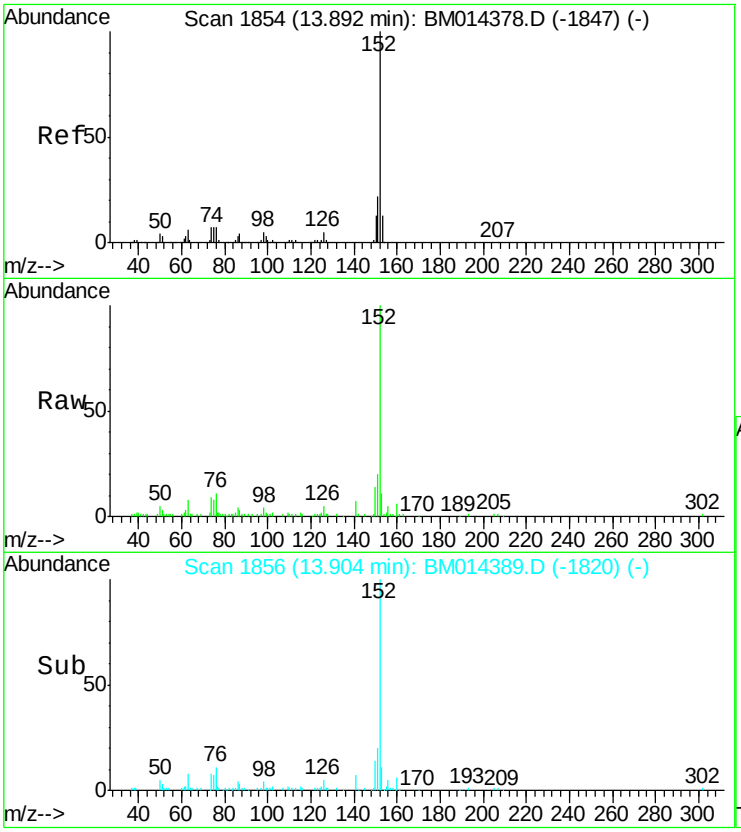


#44
Dimethylphthalate
Concen: 11.002 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:163 Resp: 233312

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.3	8.2	12.4

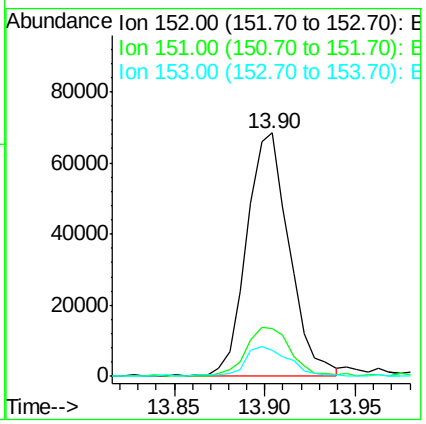




#47
Acenaphthylene
Concen: 4.465 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:152 Resp: 111923

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	10.8	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
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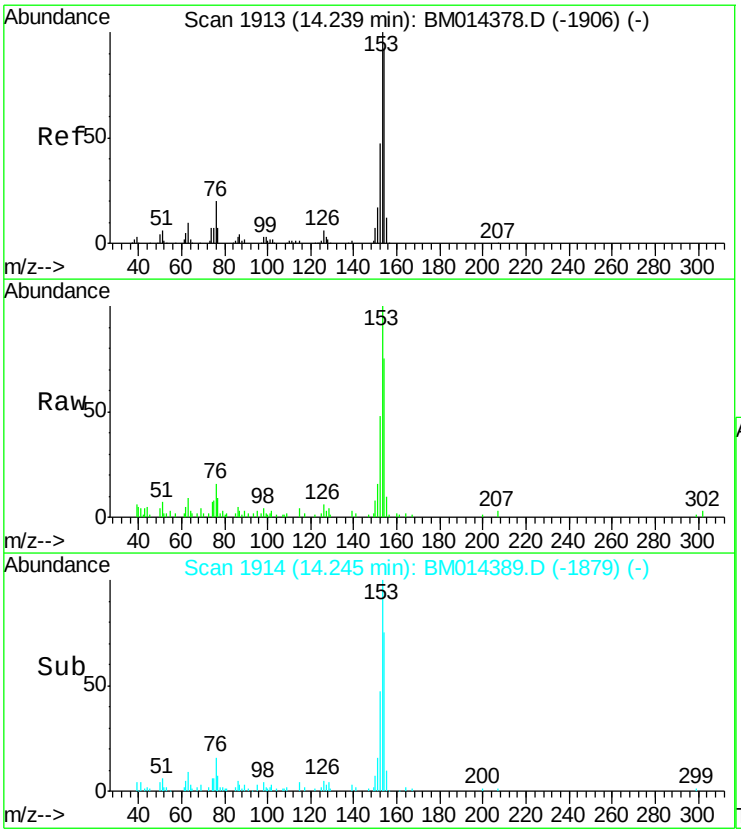
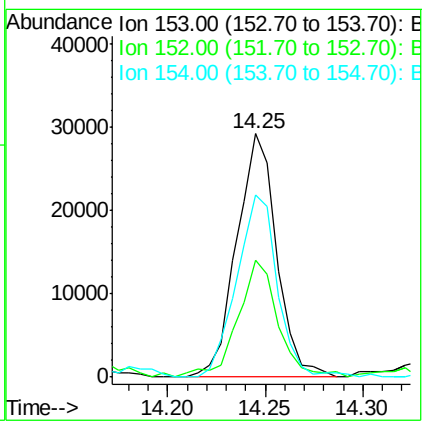
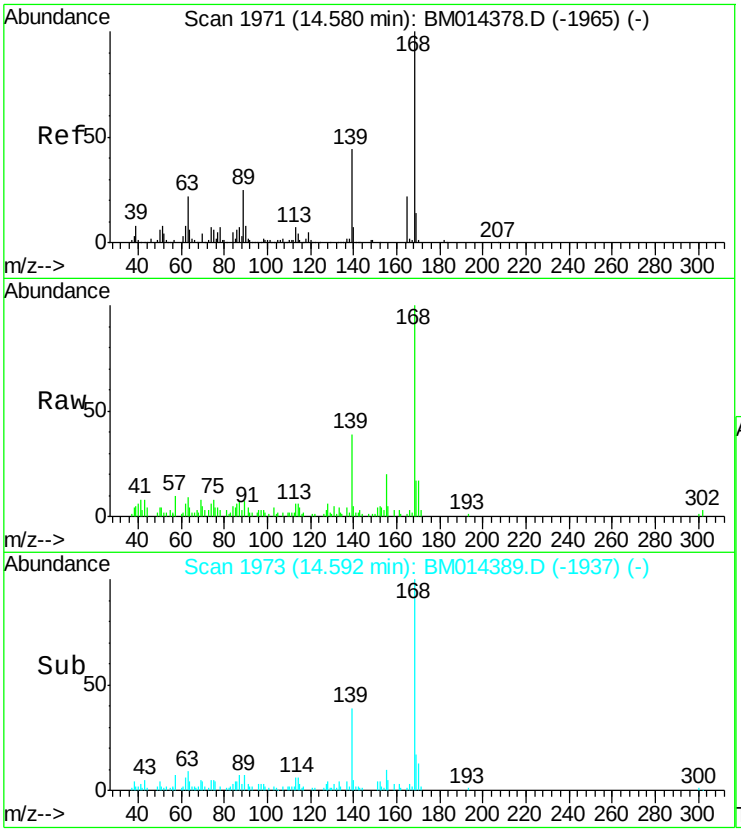


#49
Acenaphthene
Concen: 2.340 ng/ul
RT: 14.25 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:153 Resp: 41291

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.6	56.4
154	74.9	70.4	105.6





#53
Dibenzofuran
Concen: 1.732 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:168 Resp: 45826

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.8	46.2

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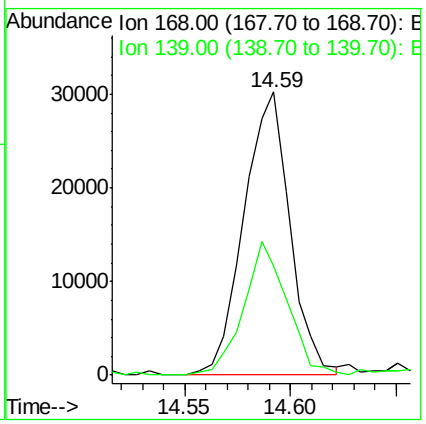
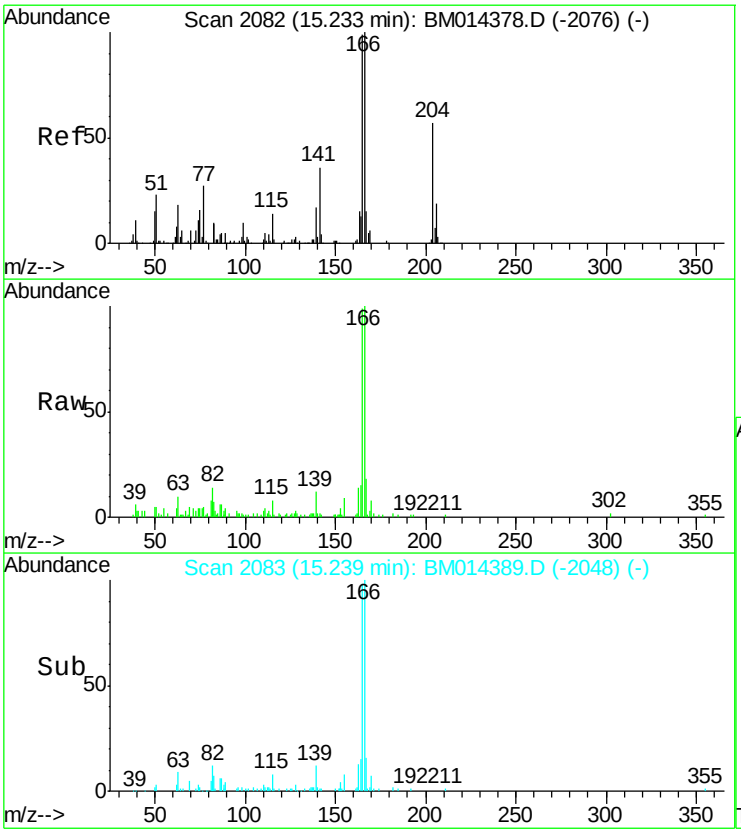
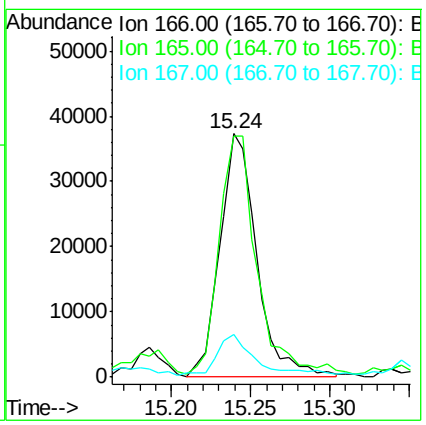


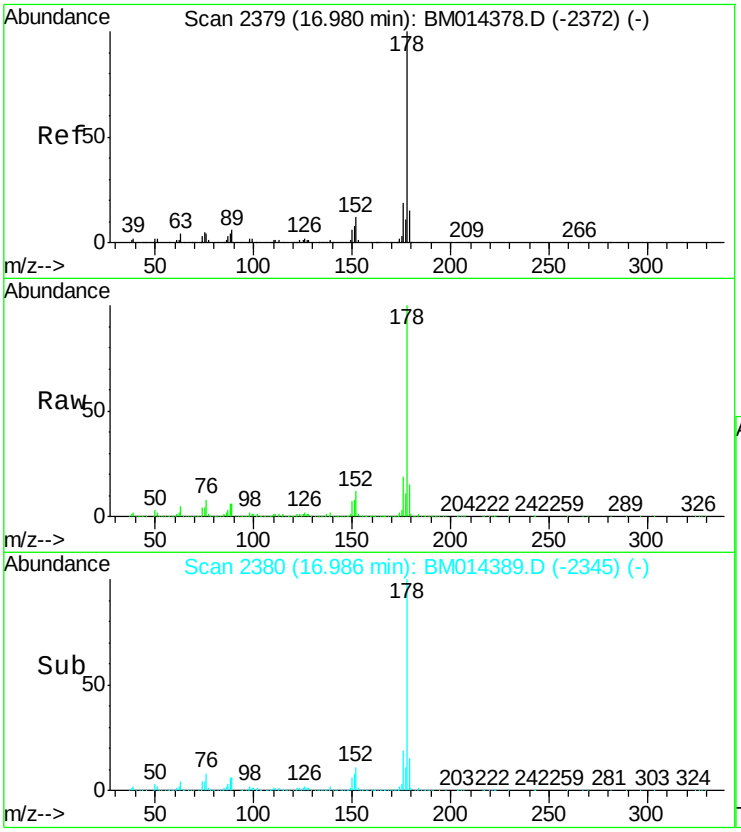


#58
Fluorene
Concen: 2.636 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:166 Resp: 60223

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	17.8	10.6	16.0#

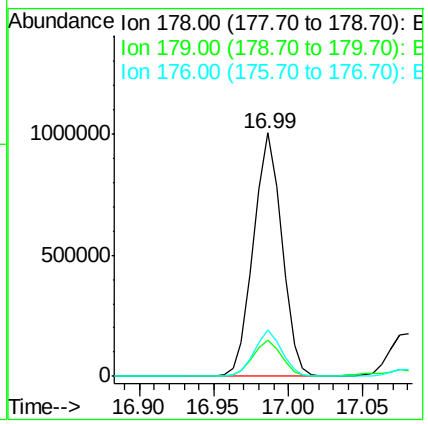




#69
Phenanthrene
Concen: 44.171 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:178 Resp: 1320689

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.2	14.9	22.3



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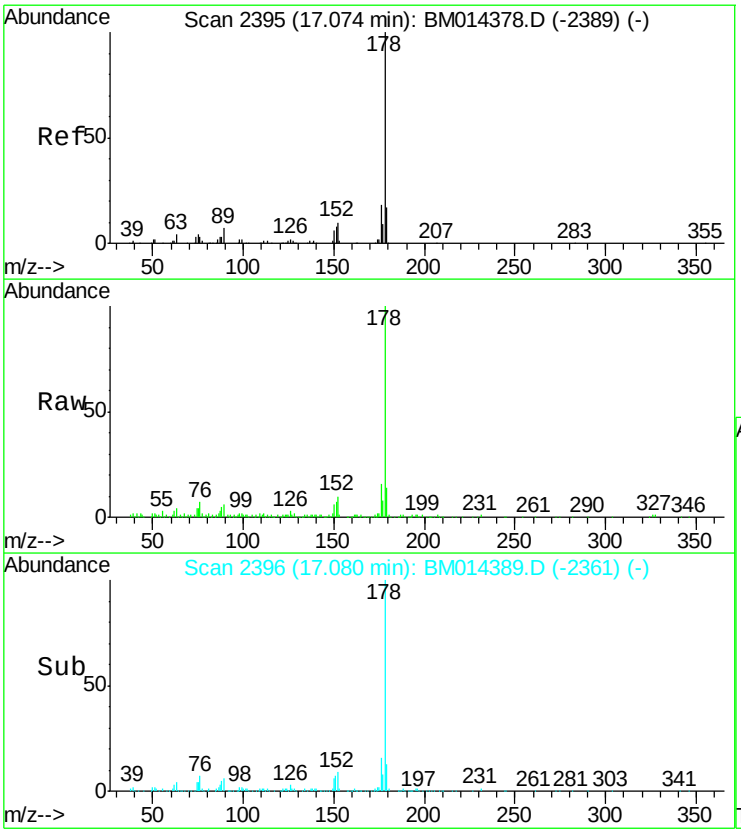
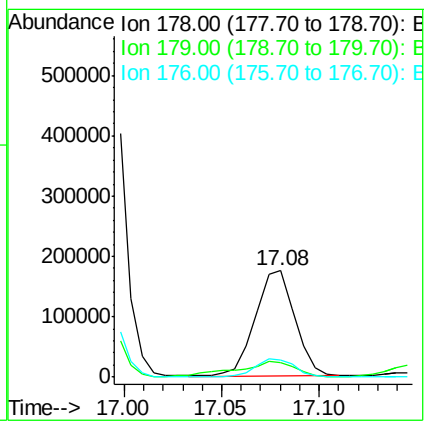
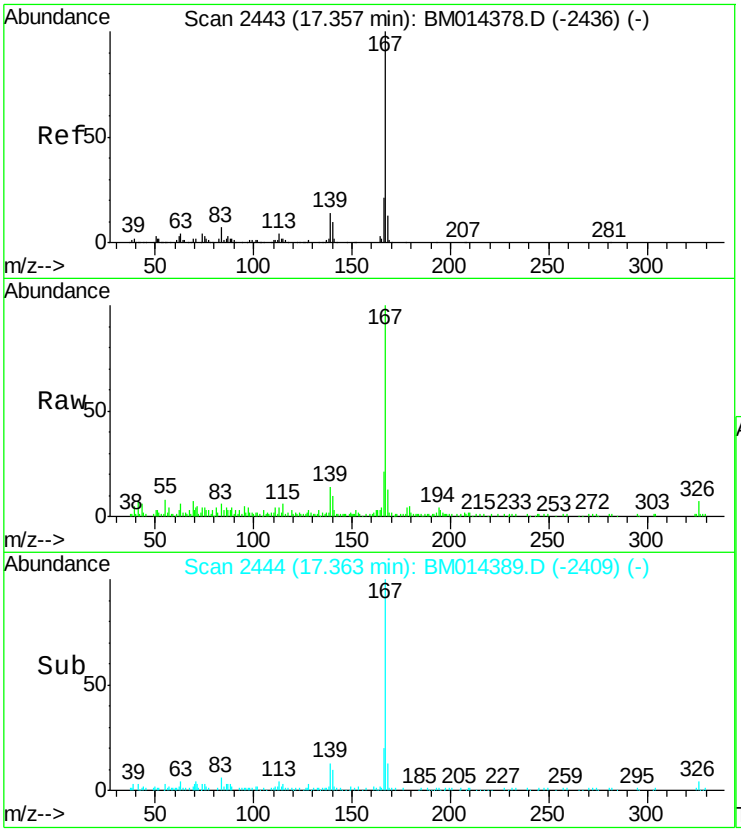


#71
Anthracene
Concen: 8.203 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:178 Resp: 246667

Ion	Ratio	Lower	Upper
178	100		
179	14.0	11.7	17.5
176	16.3	14.6	21.8

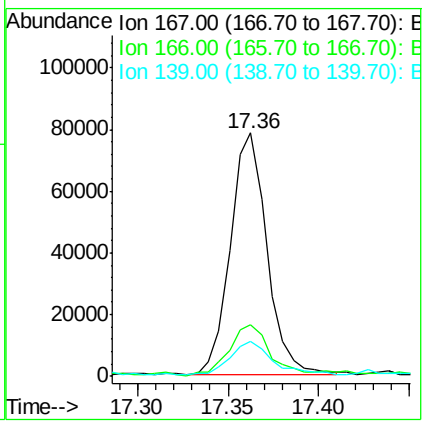




#72
Carbazole
Concen: 4.339 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:167 Resp: 109697

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	14.2	10.0	15.0



Instrument :
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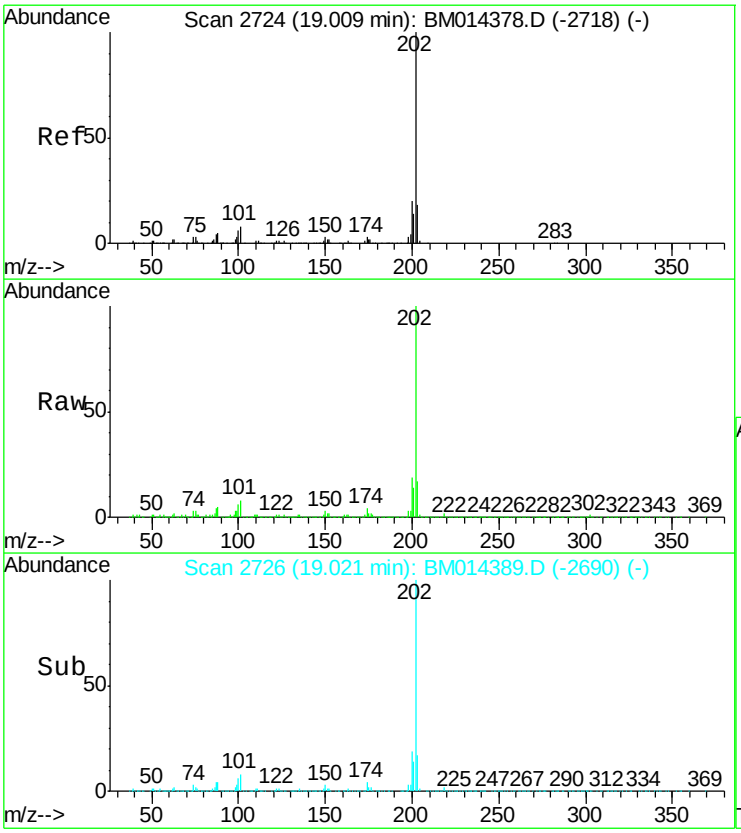
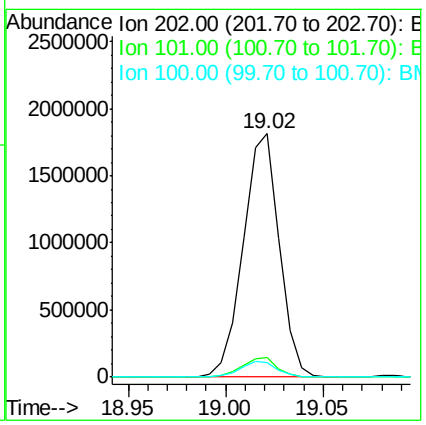
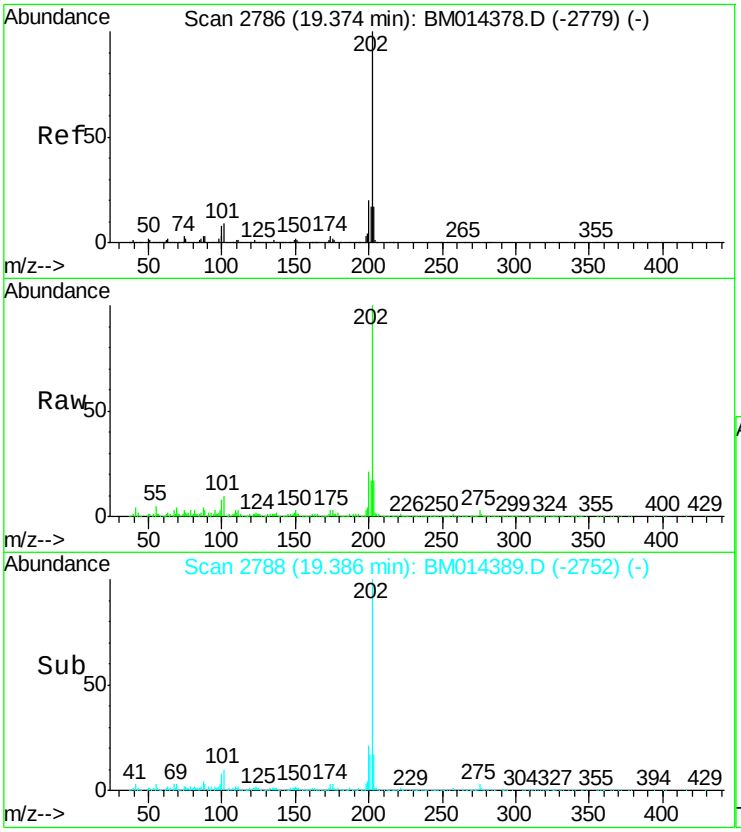


#74
Fluoranthene
Concen: 64.773 ng/ul
RT: 19.02 min Scan# 2726
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:202 Resp: 2313829

Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	5.8	3.4	5.2#





#77
Pyrene
Concen: 63.685 ng/ul
RT: 19.39 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:202 Resp: 2129587

Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	8.0	4.9	7.3#

Instrument :
BNA_M
ClientSampleId :
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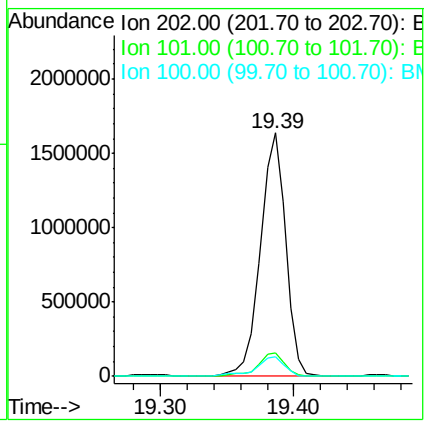
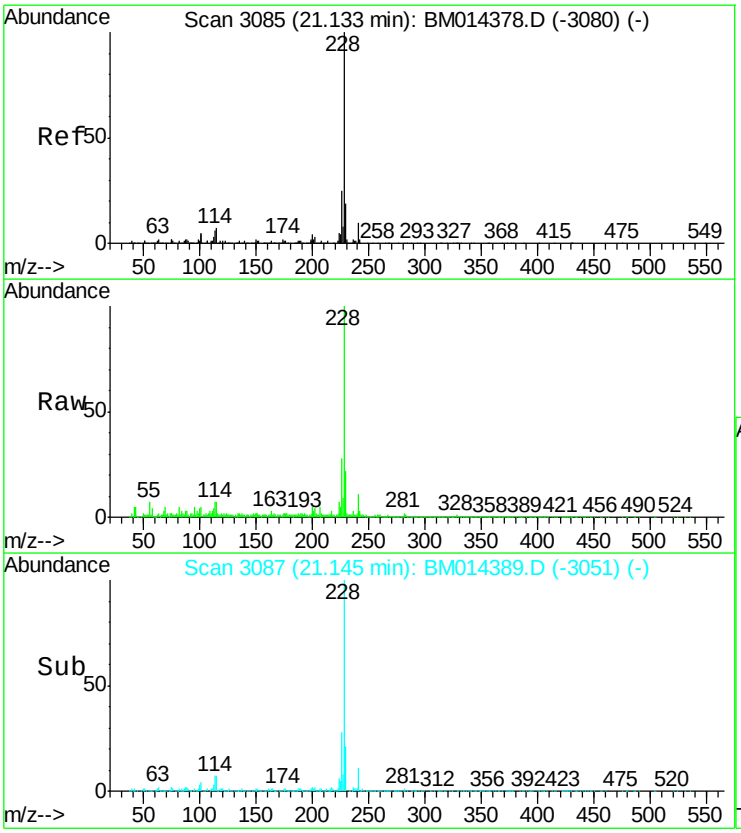
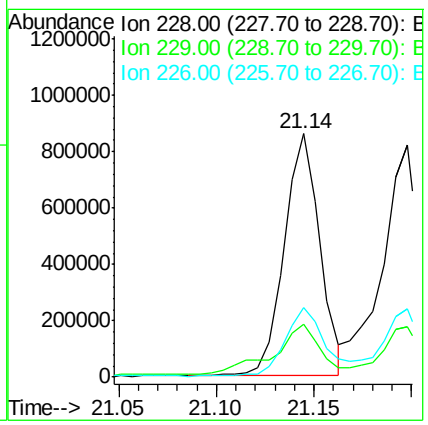


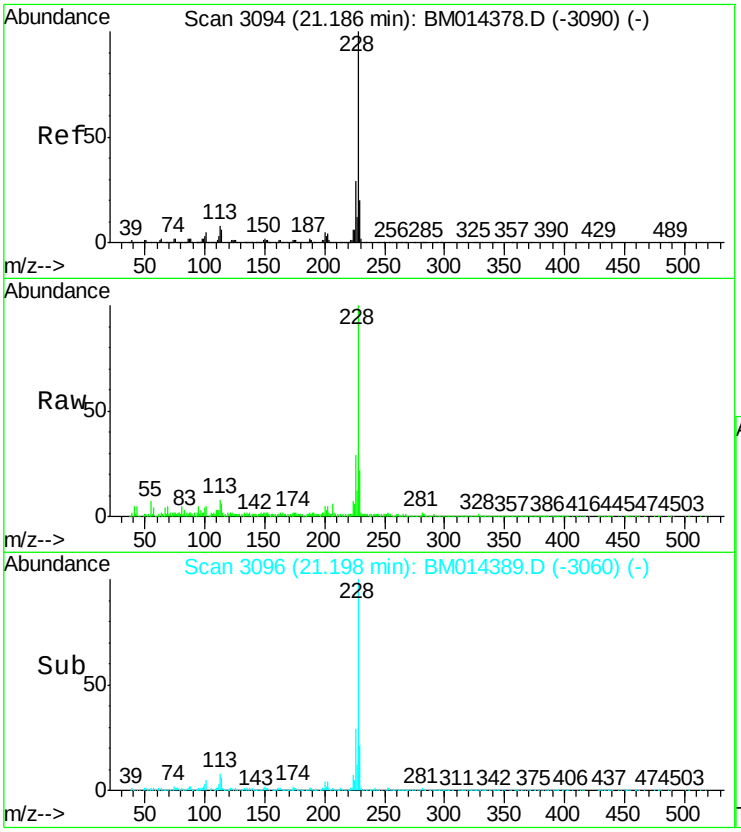


#80
Benzo(a)anthracene
Concen: 34.459 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:228 Resp: 1082123

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.0
226	28.4	21.4	32.0

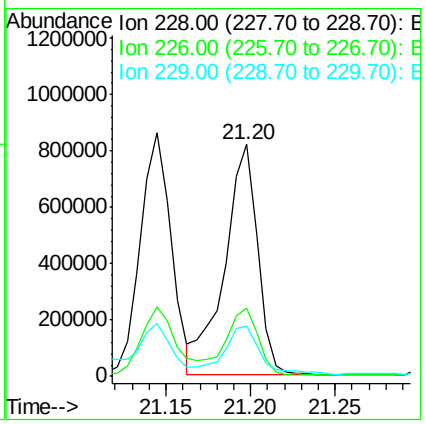




#82
Chrysene
Concen: 38.208 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:228 Resp: 1119305

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.0	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
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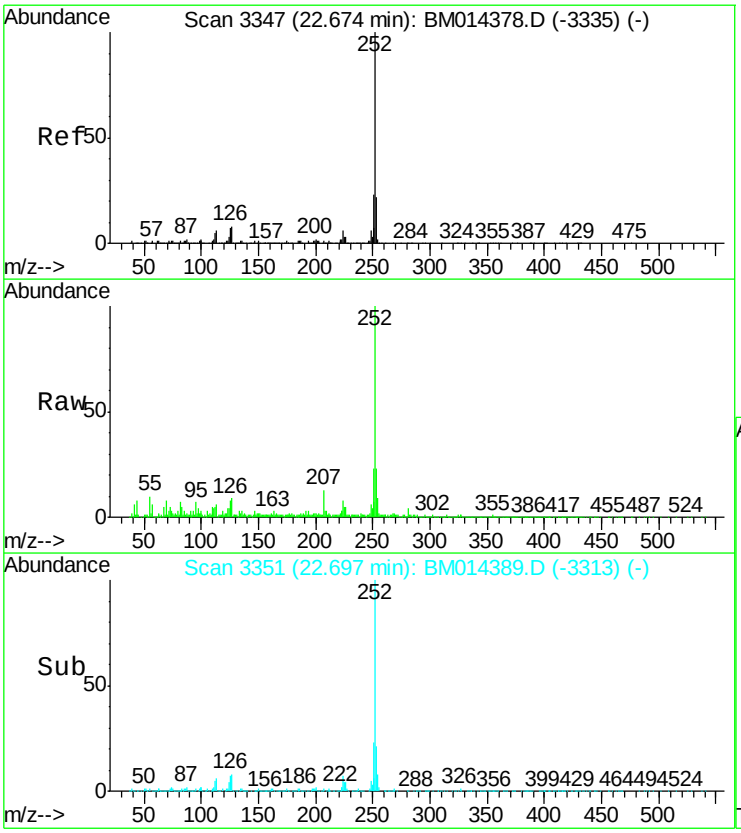
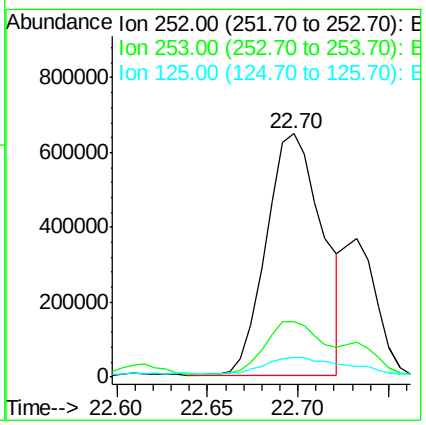
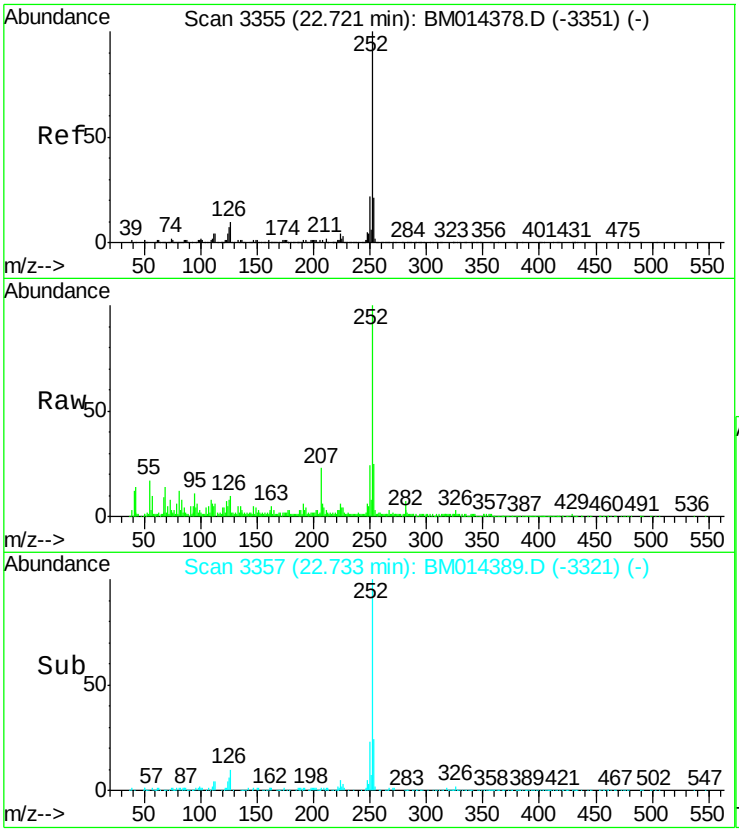


#85
Benzo(b)fluoranthene
Concen: 42.166 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. 0.02 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:252 Resp: 1397288

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.0	3.6	5.4#

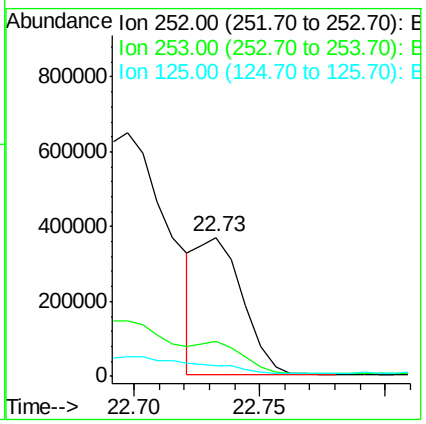




#86
Benzo(k)fluoranthene
Concen: 14.817 ng/ul m
RT: 22.73 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:252 Resp: 466822

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	7.8	3.4	5.2#



Instrument :
BNA_M
ClientSampleId :
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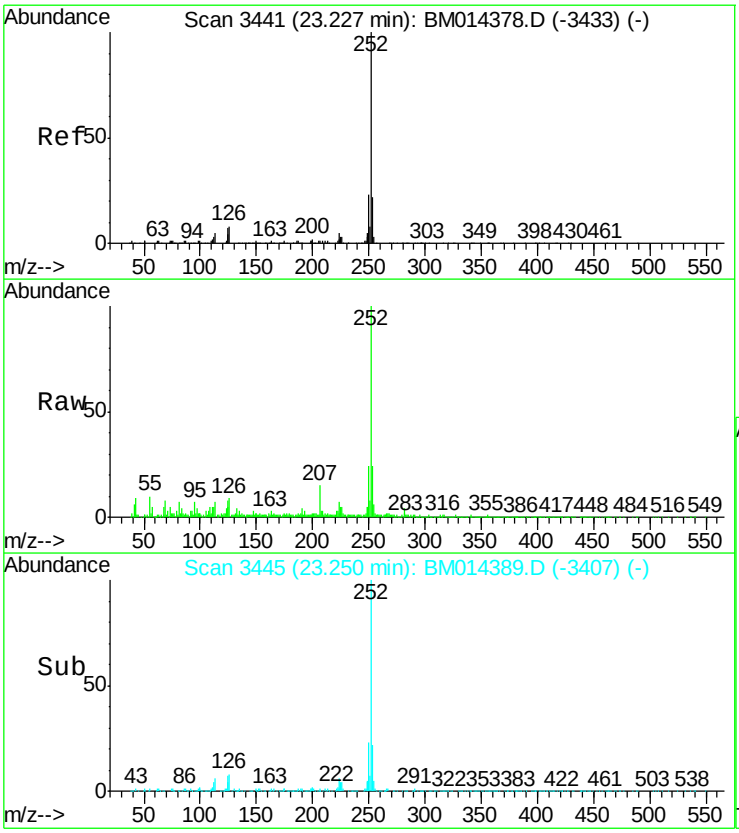
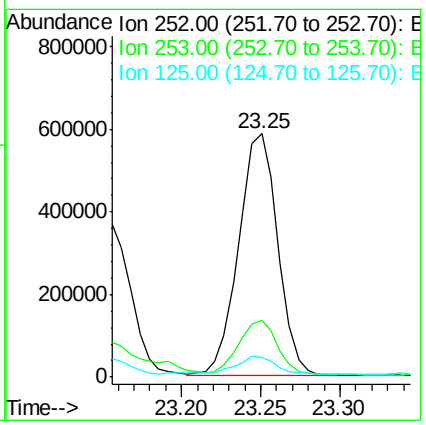
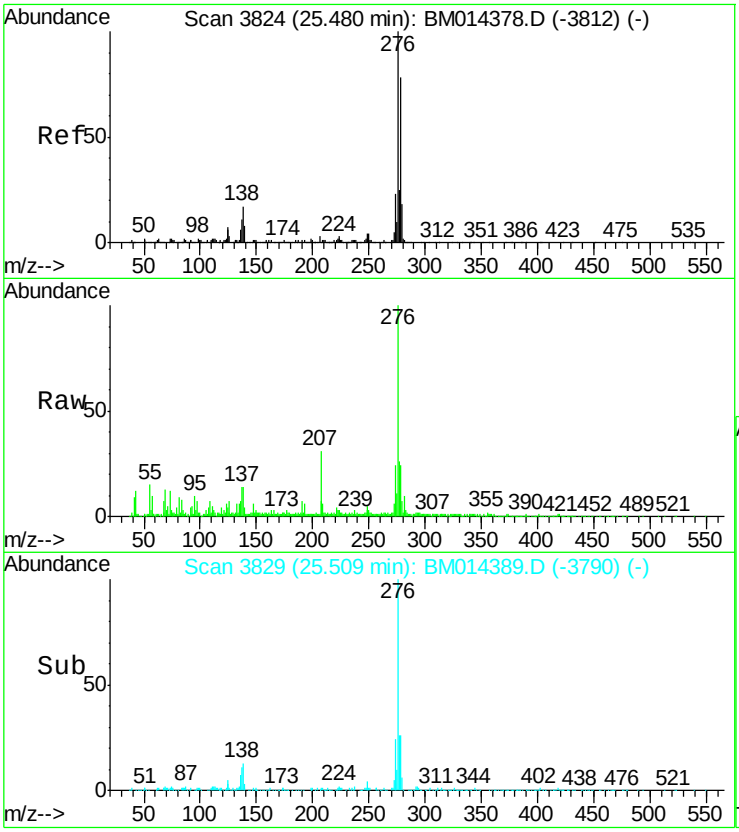


#88
Benzo(a)pyrene
Concen: 33.915 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. 0.02 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:252 Resp: 1004296

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	8.2	4.0	6.0#

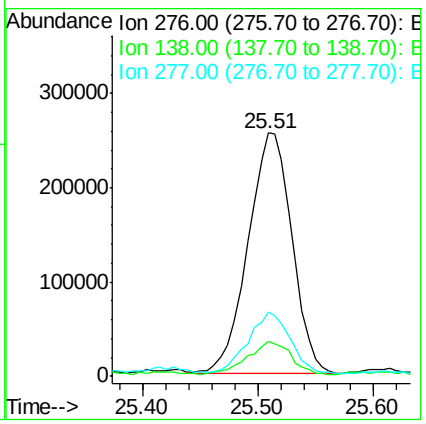




#89
Indeno(1,2,3-cd)pyrene
Concen: 23.409 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.03 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:276 Resp: 672648

Ion	Ratio	Lower	Upper
276	100		
138	14.2	9.3	13.9#
277	26.4	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
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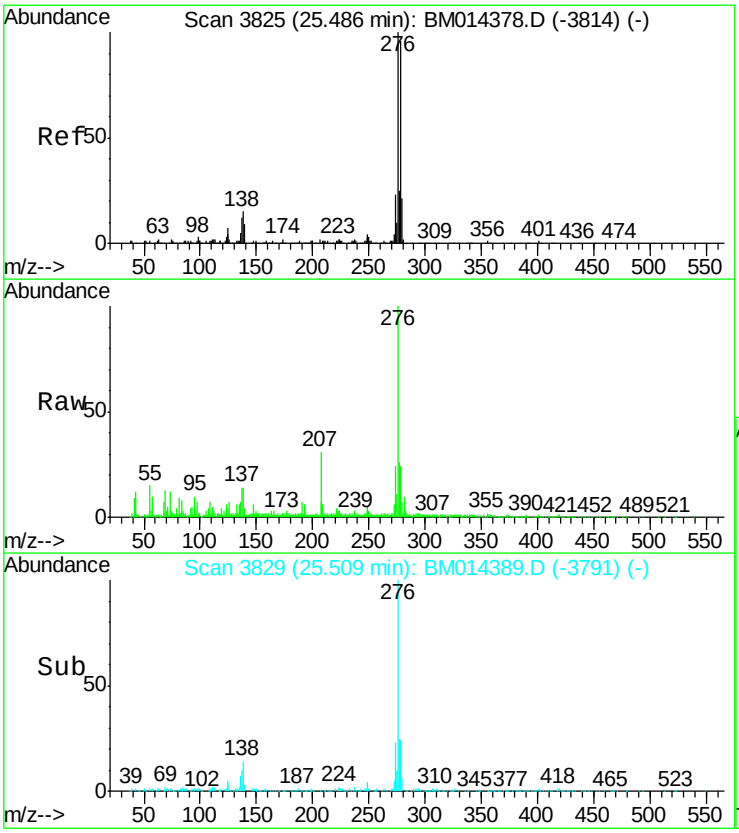
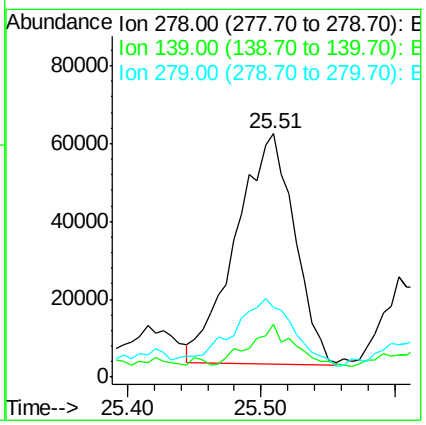
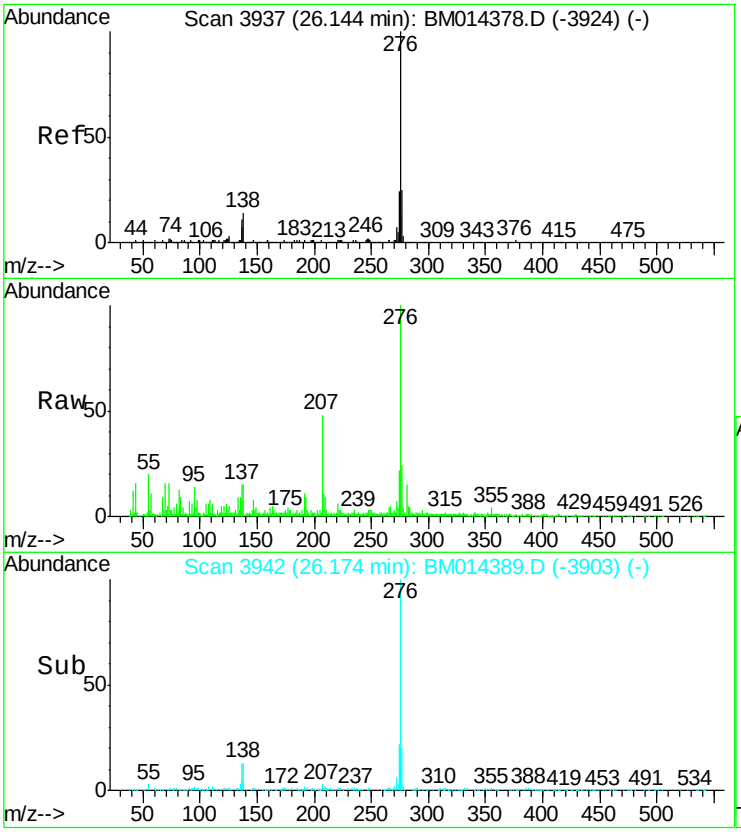


#90
Dibenzo(a,h)anthracene
Concen: 7.556 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:278 Resp: 180416

Ion	Ratio	Lower	Upper
278	100		
139	21.5	5.8	8.8#
279	28.5	18.6	27.8#

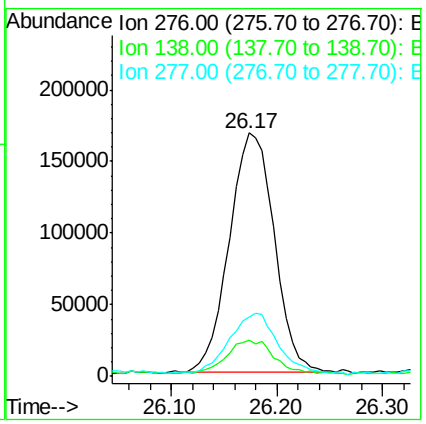




#91
Benzo(g,h,i)perylene
Concen: 21.240 ng/ul
RT: 26.17 min Scan# 3942
Delta R.T. 0.03 min
Lab File: BM014389.D
Acq: 27 Feb 2018 19:02

Tgt Ion:276 Resp: 494415

Ion	Ratio	Lower	Upper
276	100		
138	14.9	8.5	12.7#
277	24.1	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
BE609

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