Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012132.D
Acq On : 13 Oct 2017 12:06
Operator : SJ/JU
Sample : I5568-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 18:49:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	166724	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	733131	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	456400	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1110842	20.00	ng/ul	0.02
75) Chrysene-d12	21.44	240	1480761	20.00	ng/ul	0.04
83) Perylene-d12	23.78	264	1249302	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	11842	3.38	ng/uL	0.00
5) Phenol-d5	7.02	99	281782	20.83	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	168227	20.74	ng/ul	0.01
9) 2-Chlorophenol-d4	7.38	132	247106	21.54	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	248584	21.34	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	128534	22.97	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	148682	22.74	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.28	165	271424	21.75	ng/ul	0.02
29) 4-Chloroaniline-d4	10.79	131	256619	21.97	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	888912	22.04	ng/ul	0.01
46) Acenaphthylene-d8	14.19	160	1116360	22.86	ng/ul	0.02
51) 4-Nitrophenol-d4	14.73	143	109973	18.13	ng/ul	0.05
57) Fluorene-d10	15.49	176	779221	23.54	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.65	200	67050	8.79	ng/ul	0.04
70) Anthracene-d10	17.35	188	1267673	23.08	ng/ul	0.03
76) Pyrene-d10	19.64	212	1568146	20.86	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.63	264	1338285	22.22	ng/ul	0.06
Target Compounds						Qvalue
6) Phenol	7.05	94	33801	2.417	ng/ul	89
11) 2-Methylphenol	8.30	108	10533	1.001	ng/ul	83
17) Hexachloroethane	8.95	117	9677	1.958	ng/ul#	1
20) Nitrobenzene	9.04	77	26096	1.877	ng/ul#	25
28) Naphthalene	10.70	128	57558	1.517	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	30450	1.064	ng/ul	97
44) Dimethylphthalate	13.95	163	380716	9.421	ng/ul	100
49) Acenaphthene	14.56	153	178953	5.541	ng/ul	97
53) Dibenzofuran	14.90	168	119869	2.578	ng/ul	100
58) Fluorene	15.55	166	179180	4.639	ng/ul	98
69) Phenanthrene	17.29	178	2917531	46.169	ng/ul	99
71) Anthracene	17.39	178	747123	11.420	ng/ul	98
72) Carbazole	17.66	167	191280	3.455	ng/ul	98
73) Di-n-butylphthalate	18.20	149	275424	3.583	ng/ul	97
74) Fluoranthene	19.32	202	8735662	114.549	ng/ul#	92
77) Pyrene	19.68	202	7576943	77.481	ng/ul#	91
80) Benzo(a)anthracene	21.42	228	6576003	68.250	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.32	149	158897	2.433	ng/ul#	93
82) Chrysene	21.47	228	5479195	60.570	ng/ul	96
85) Benzo(b)fluoranthene	23.07	252	7516622	92.198	ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	7516622	95.672	ng/ul#	95
88) Benzo(a)pyrene	23.68	252	4704742	61.227	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.19	276	2428640	29.763	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
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Operator : SJ/JU
Sample : I5568-07
Misc :
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Instrument : BNA_M
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Quant Time: Oct 13 18:49:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	26.19	278	700914	10.218	ng/ul#	80
91) Benzo(g,h,i)perylene	26.93	276	2077725	31.088	ng/ul#	91

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
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Acq On : 13 Oct 2017 12:06
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Instrument :
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ClientSampleId :

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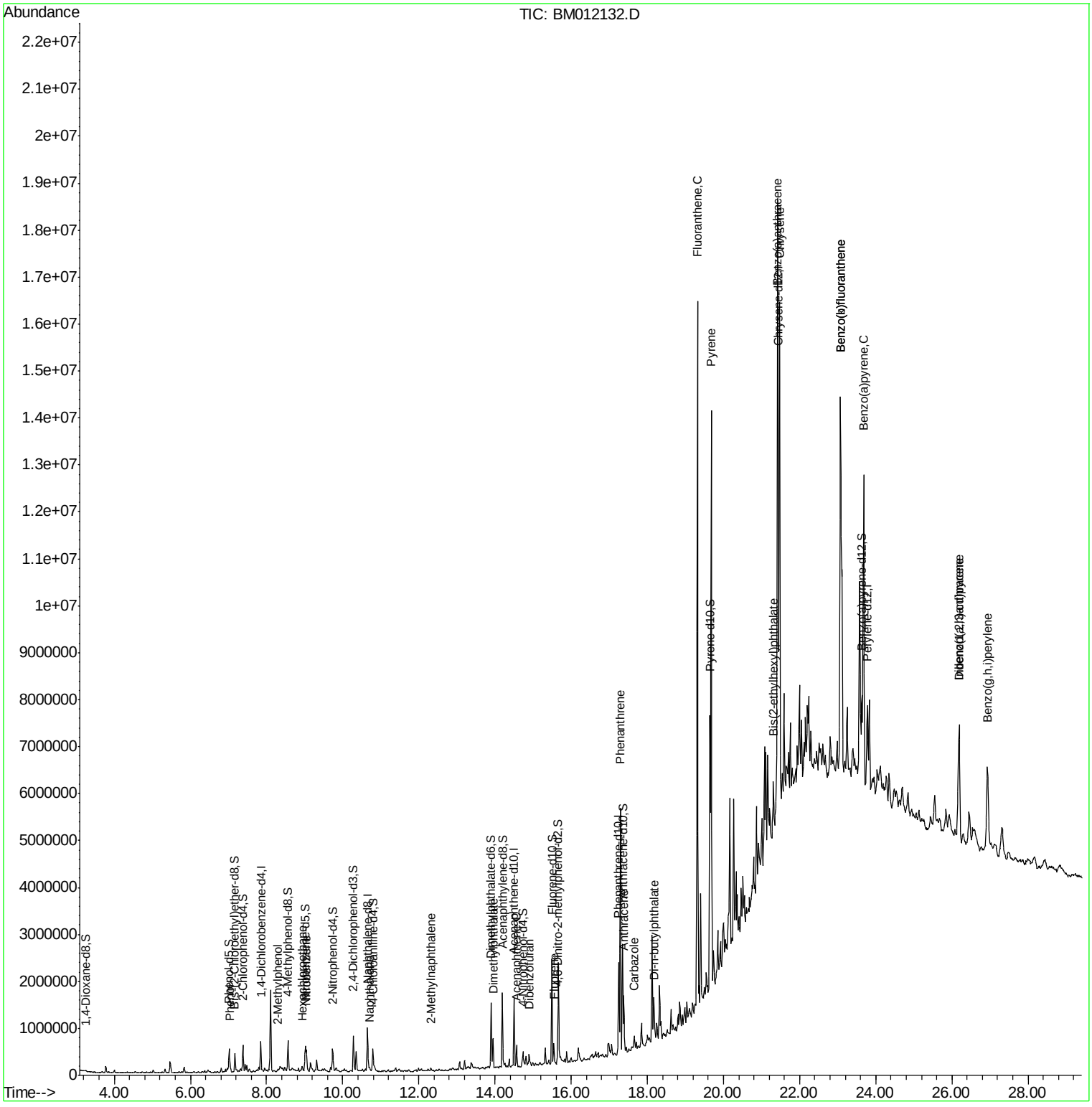
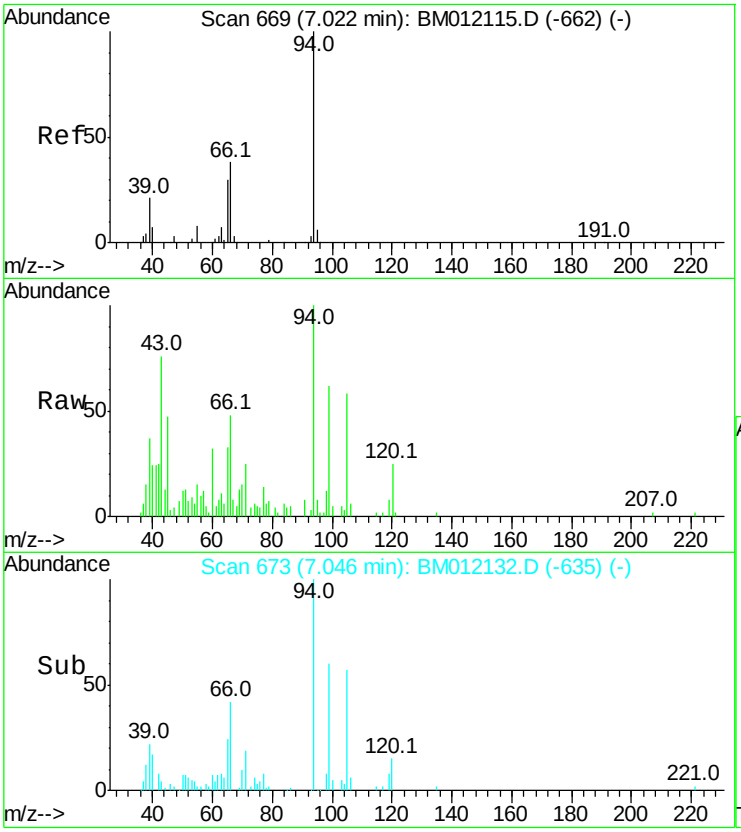
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration



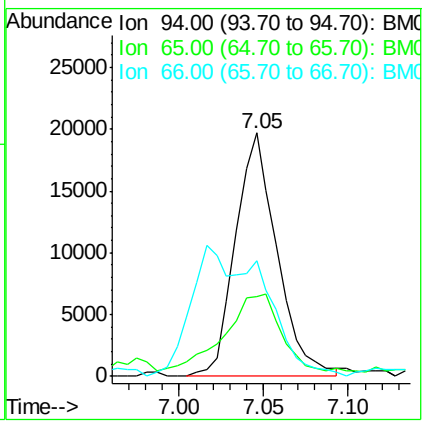


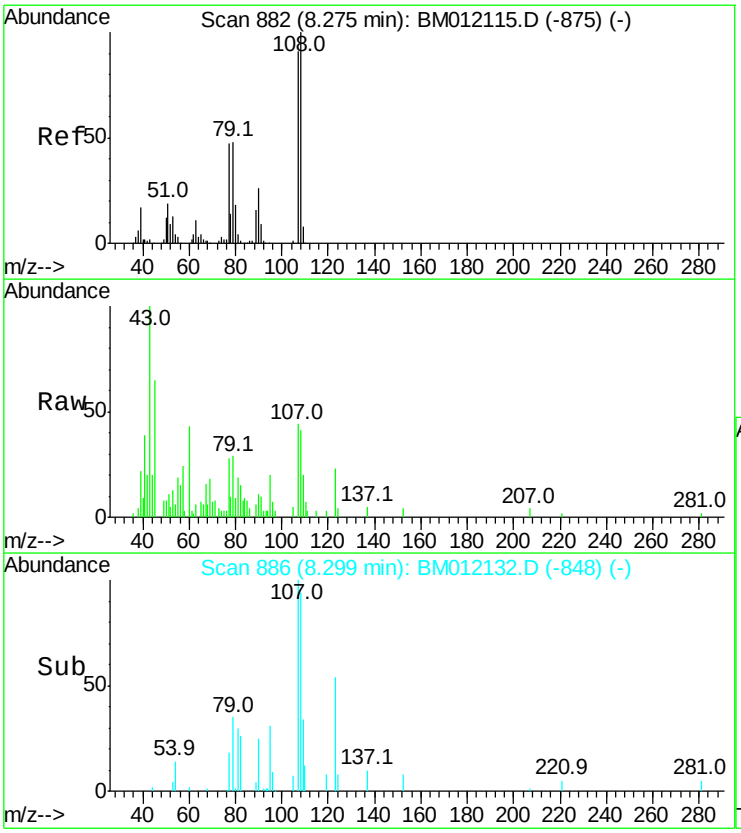
#6
Phenol
Concen: 2.417 ng/ul
RT: 7.05 min Scan# 673
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 33801

Ion	Ratio	Lower	Upper
94	100		
65	32.6	28.2	42.4
66	47.6	47.2	70.8

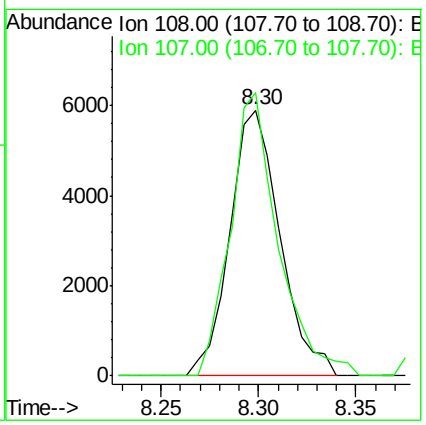


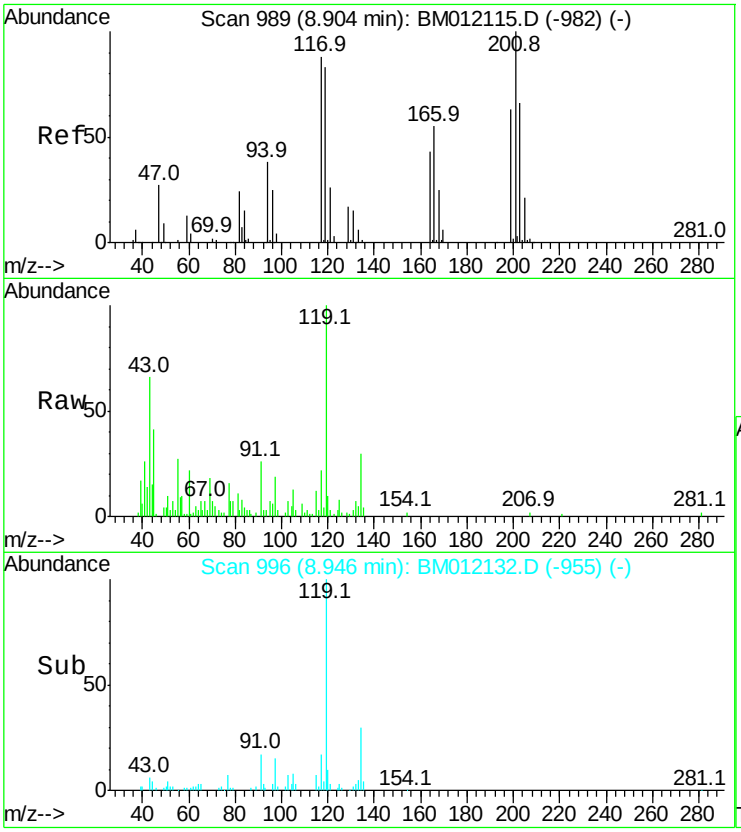


#11
2-Methylphenol
Concen: 1.001 ng/ul
RT: 8.30 min Scan# 886
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:108 Resp: 10533

Ion	Ratio	Lower	Upper
108	100		
107	106.6	72.6	108.8



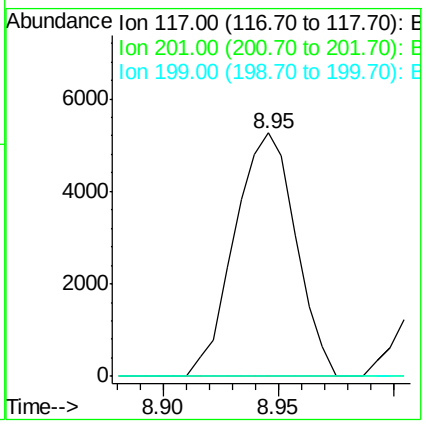


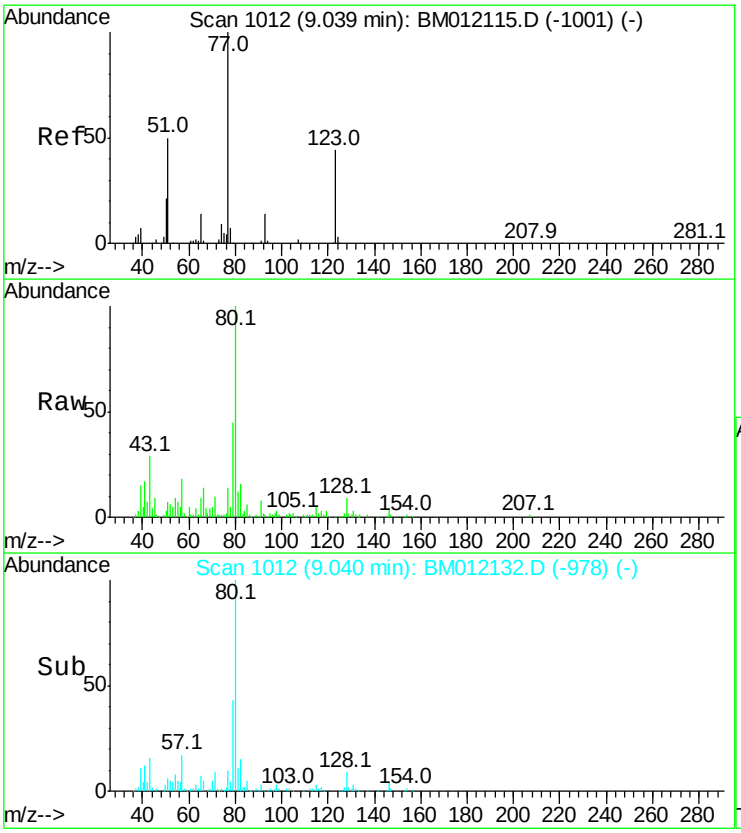
#17
Hexachloroethane
Concen: 1.958 ng/ul
RT: 8.95 min Scan# 996
Delta R.T. 0.04 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 9677

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#

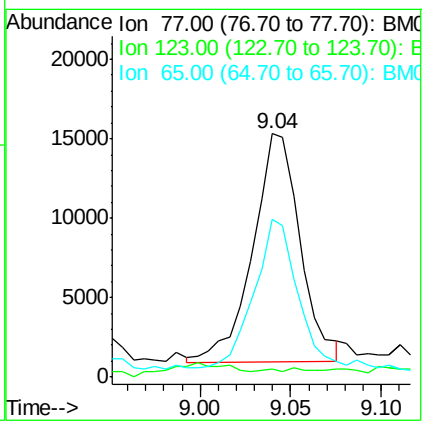


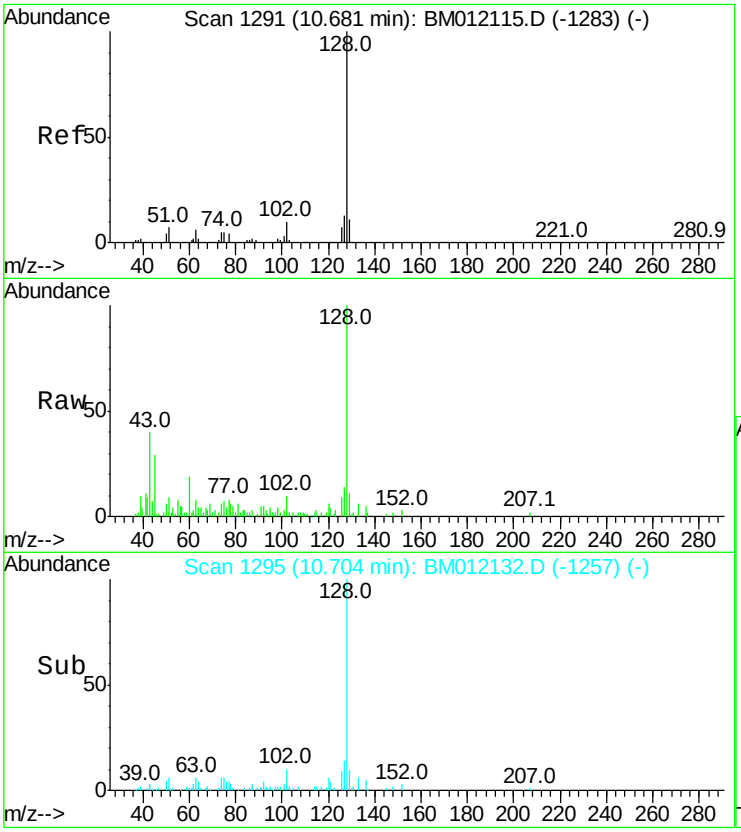


#20
Nitrobenzene
Concen: 1.877 ng/ul
RT: 9.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion: 77 Resp: 26096

Ion	Ratio	Lower	Upper
77	100		
123	3.3	31.0	46.6#
65	64.8	12.2	18.2#



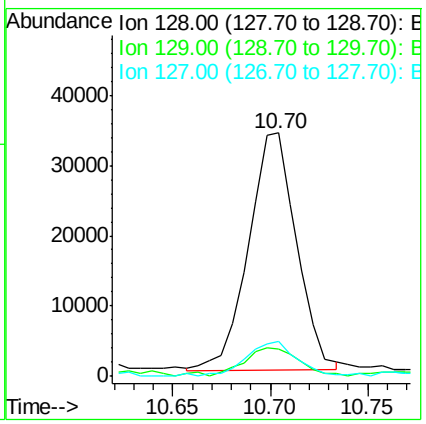


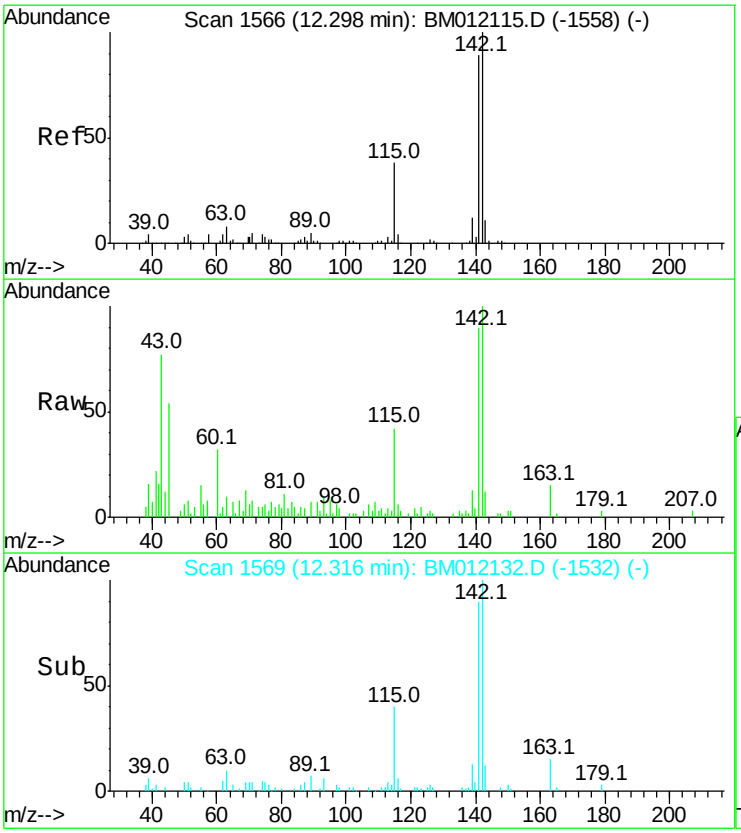
#28
Naphthalene
Concen: 1.517 ng/ul
RT: 10.70 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 57558

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	14.2	10.6	16.0

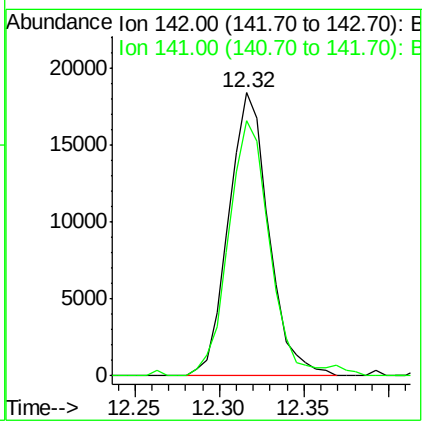


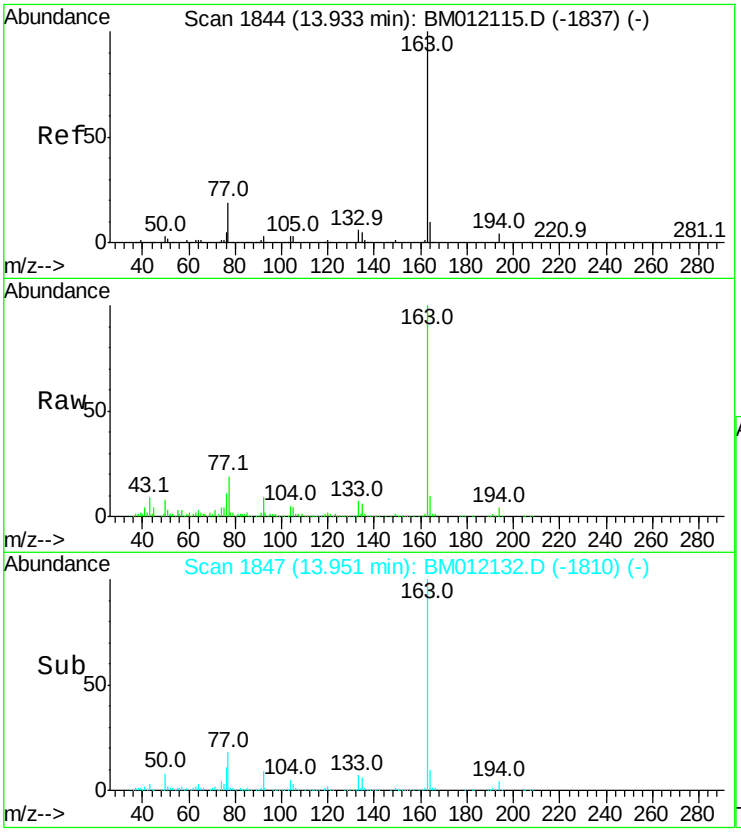


#34
2-Methylnaphthalene
Concen: 1.064 ng/ul
RT: 12.32 min Scan# 1569
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:142 Resp: 30450

Ion	Ratio	Lower	Upper
142	100		
141	90.1	74.1	111.1



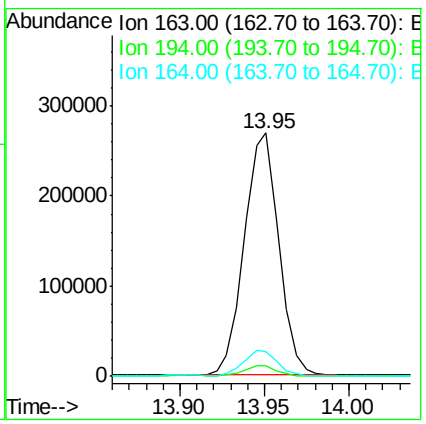


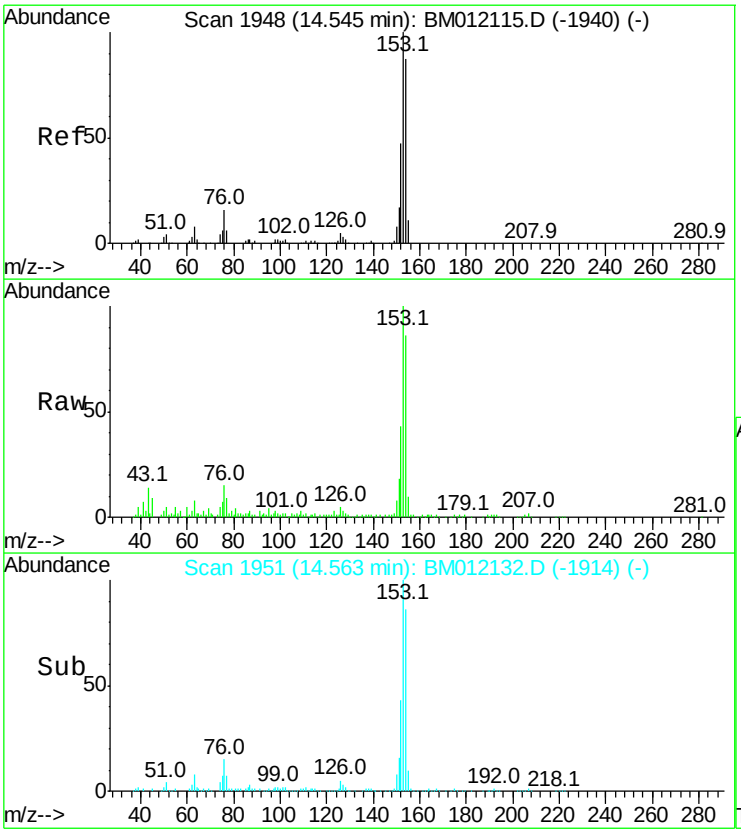
#44
Dimethylphthalate
Concen: 9.421 ng/ul
RT: 13.95 min Scan# 1847
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 380716

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.4	8.2	12.4

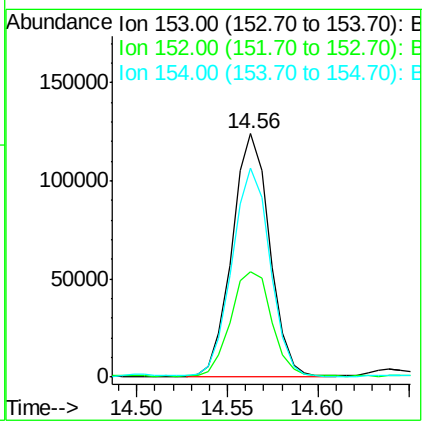


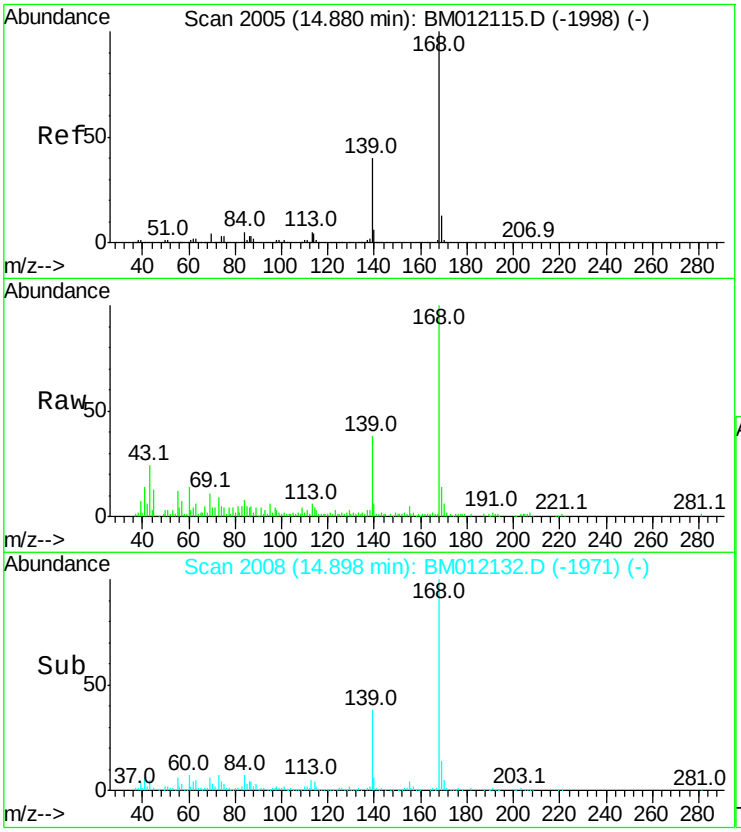


#49
Acenaphthene
Concen: 5.541 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:153 Resp: 178953

Ion	Ratio	Lower	Upper
153	100		
152	43.5	37.6	56.4
154	85.8	70.4	105.6



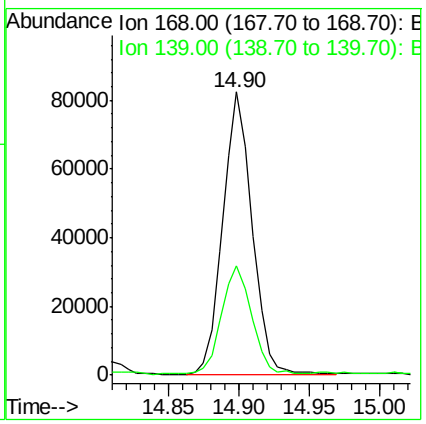


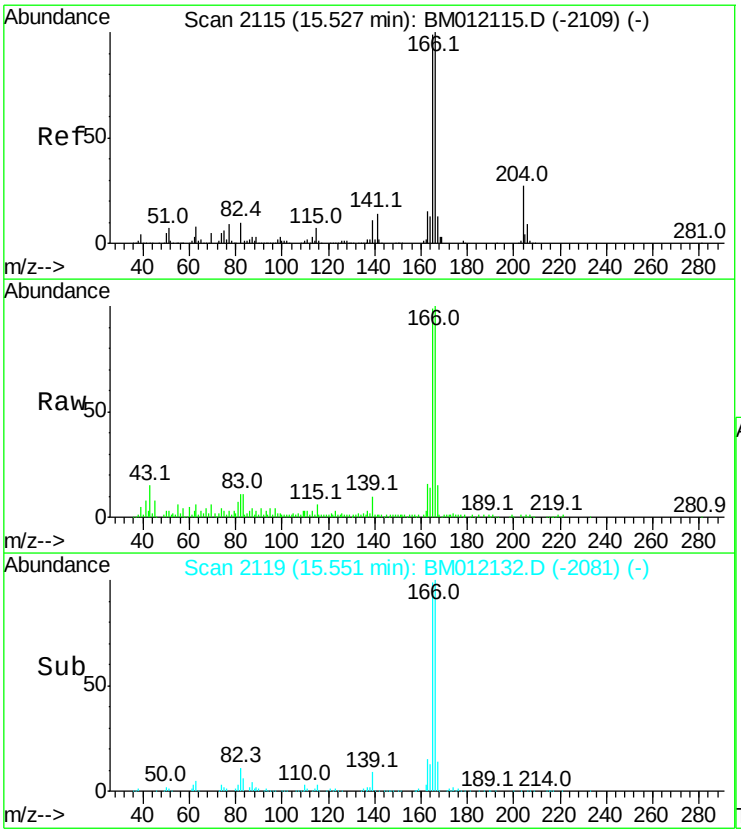
#53
Dibenzofuran
Concen: 2.578 ng/ul
RT: 14.90 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 119869

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.8	46.2

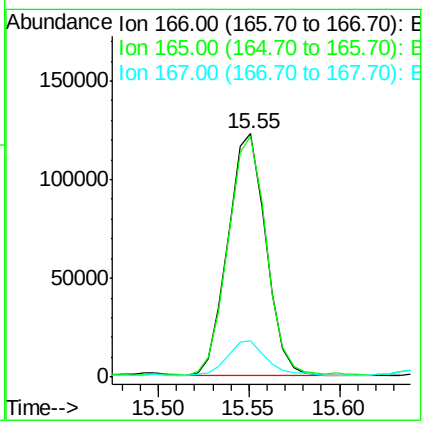


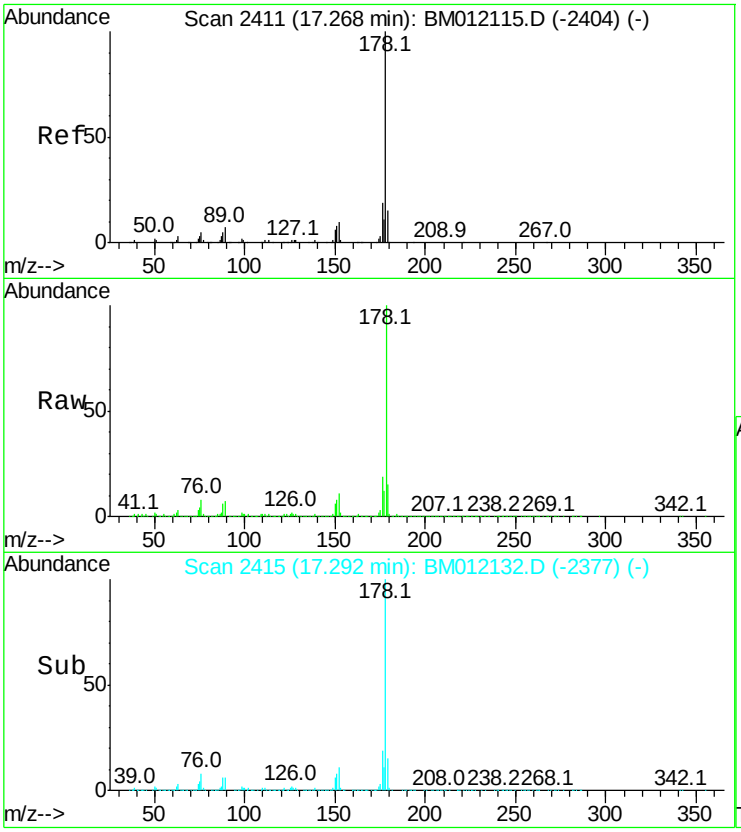


#58
Fluorene
Concen: 4.639 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:166 Resp: 179180

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.9	116.9
167	14.7	10.6	16.0



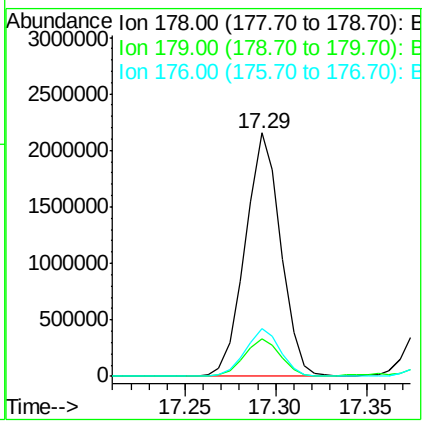


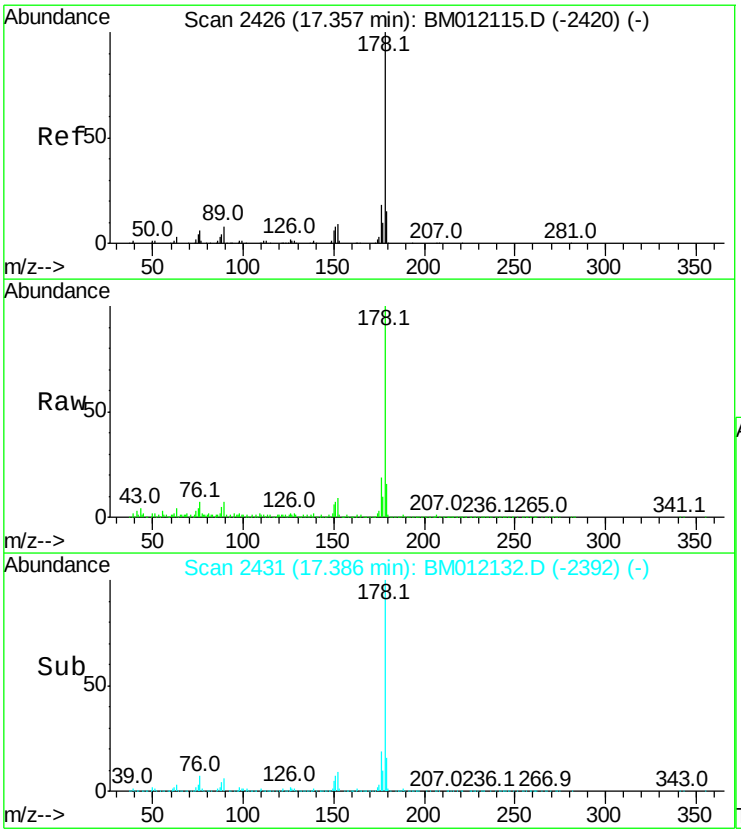
#69
Phenanthrene
Concen: 46.169 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2917531

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.5	14.9	22.3

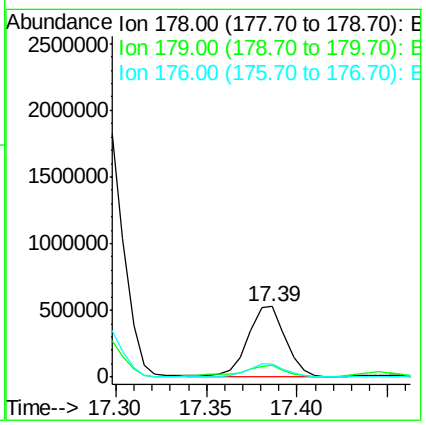


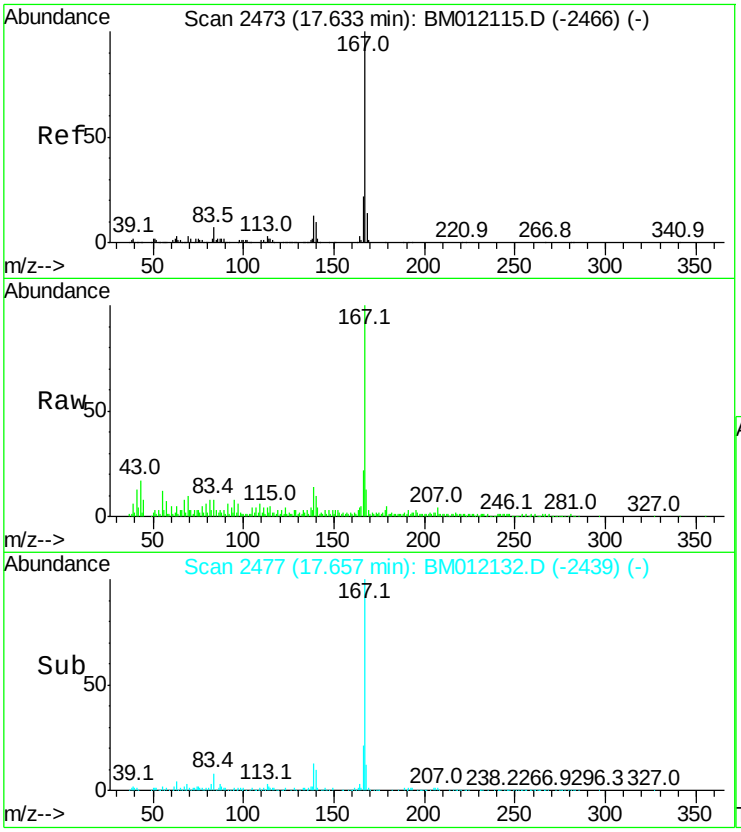


#71
Anthracene
Concen: 11.420 ng/ul
RT: 17.39 min Scan# 2431
Delta R.T. 0.03 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:178 Resp: 747123

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.7	17.5
176	18.8	14.6	21.8



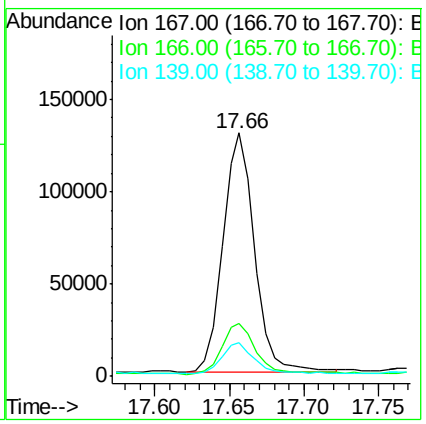


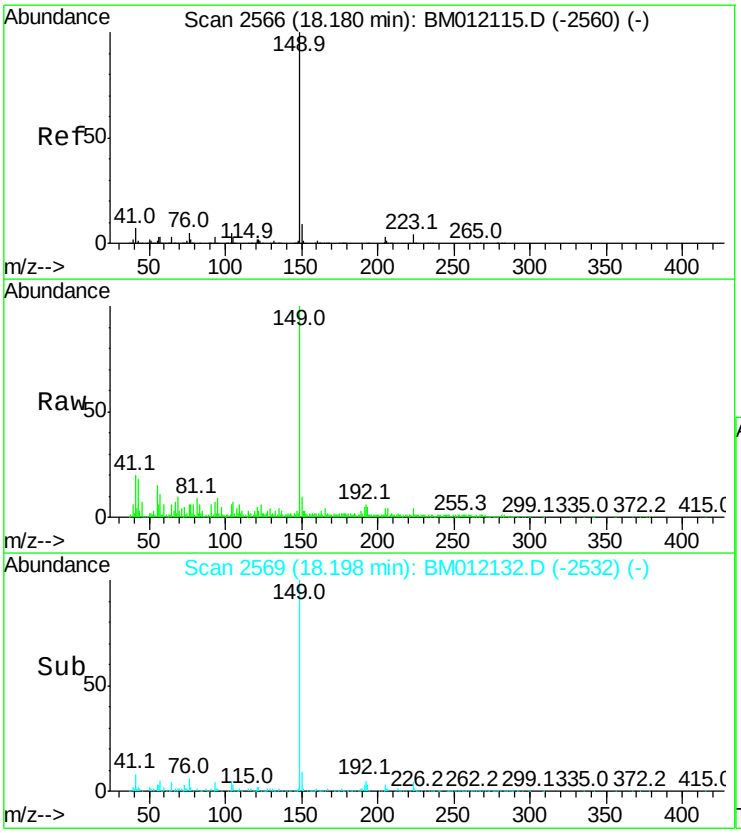
#72
Carbazole
Concen: 3.455 ng/ul
RT: 17.66 min Scan# 2477
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 191280

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	13.7	10.0	15.0

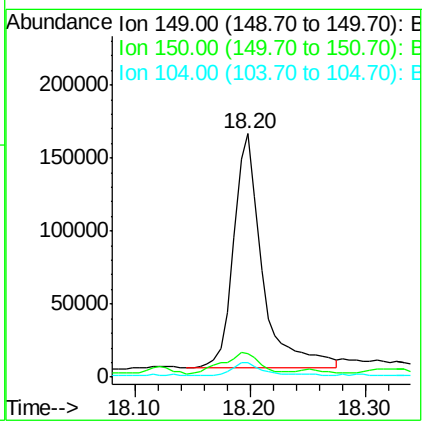


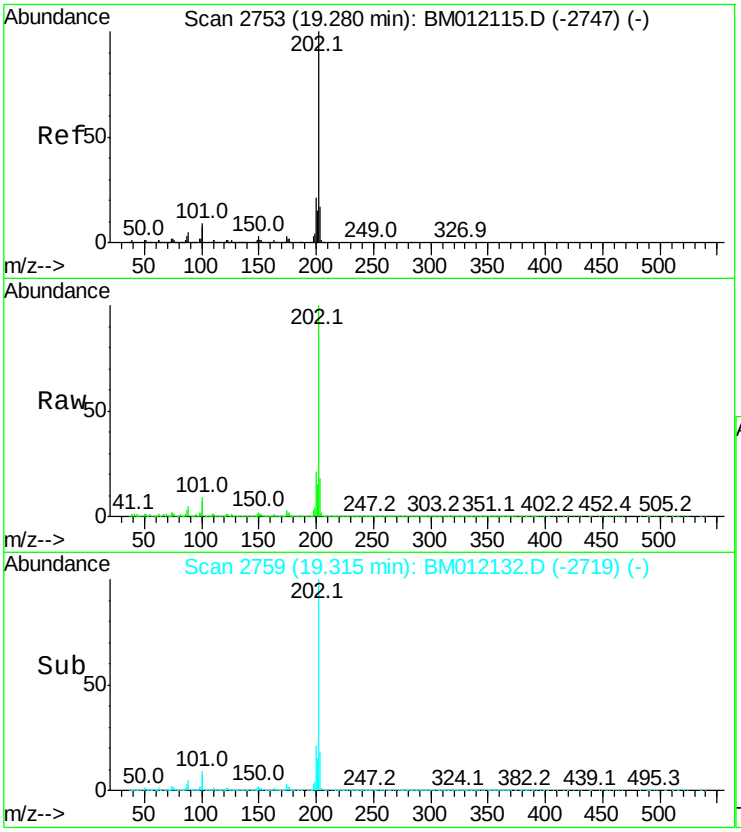


#73
Di-n-butylphthalate
Concen: 3.583 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:149 Resp: 275424

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.1	10.7
104	6.0	5.6	8.4



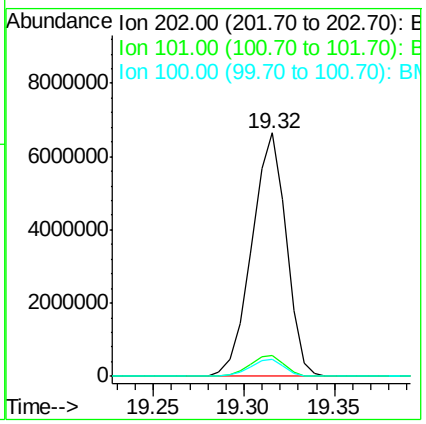


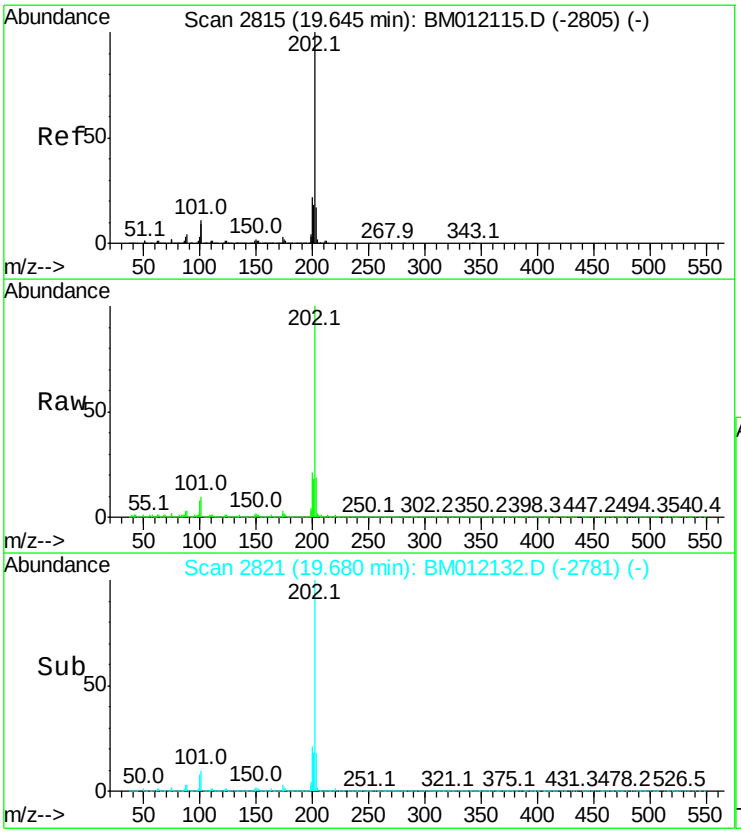
#74
Fluoranthene
Concen: 114.549 ng/ul
RT: 19.32 min Scan# 2759
Delta R.T. 0.04 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 8735662

Ion	Ratio	Lower	Upper
202	100		
101	8.8	4.6	7.0#
100	6.8	3.4	5.2#

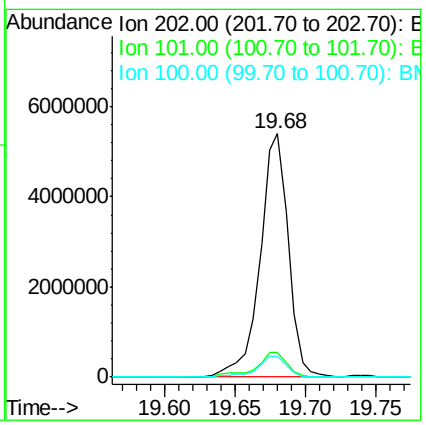


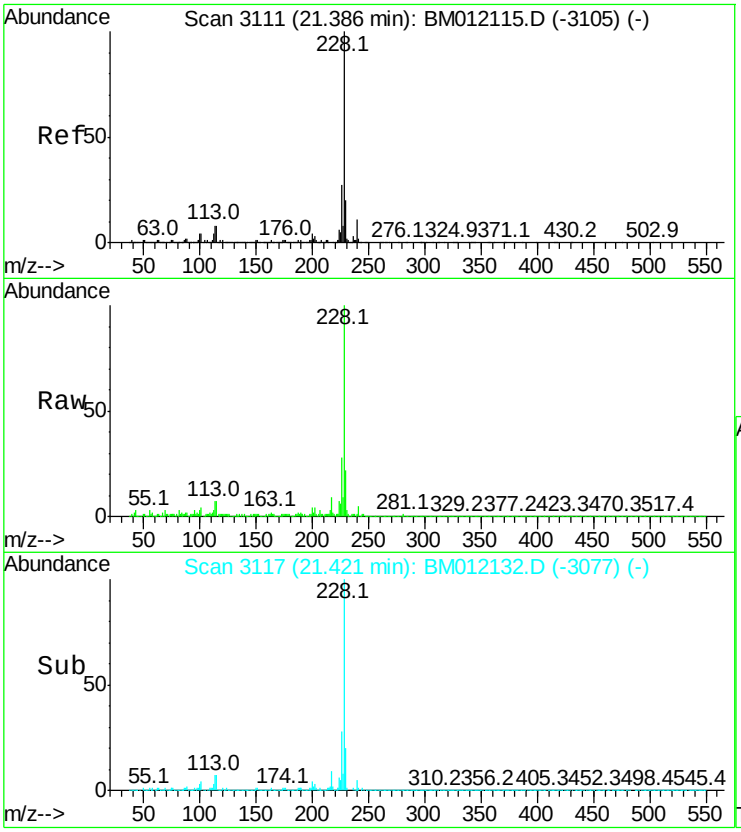


#77
Pyrene
Concen: 77.481 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. 0.04 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:202 Resp: 7576943

Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	8.4	4.9	7.3#



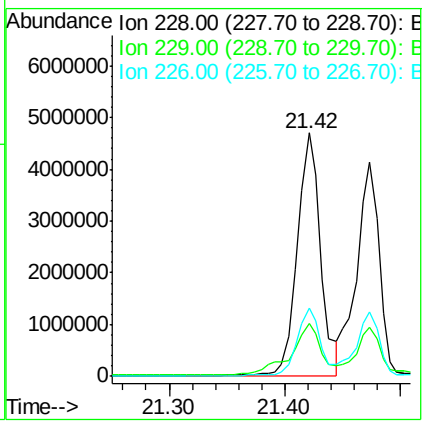


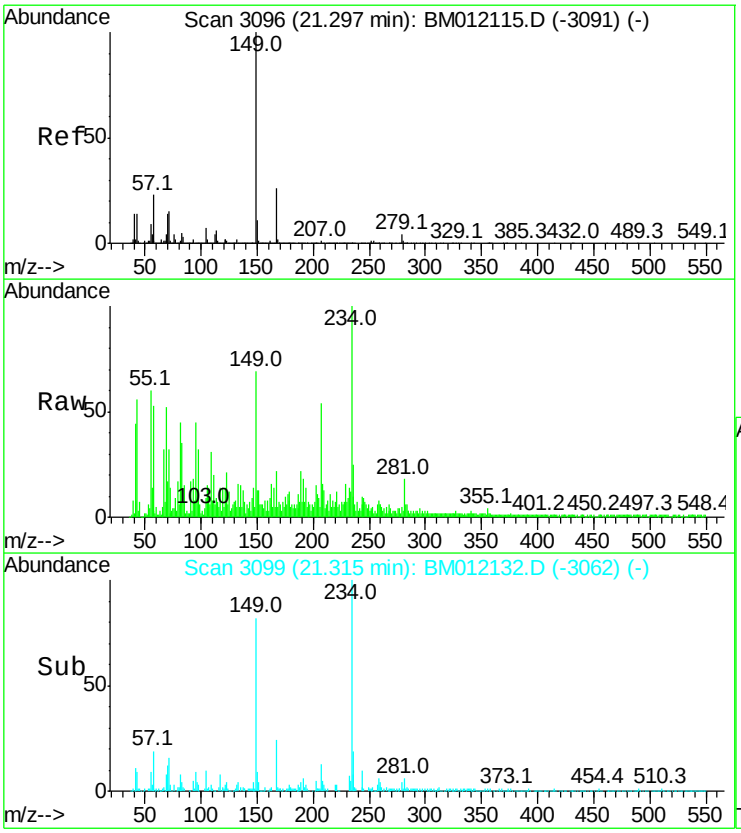
#80
Benzo(a)anthracene
Concen: 68.250 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.04 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 6576003

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	28.1	21.4	32.0

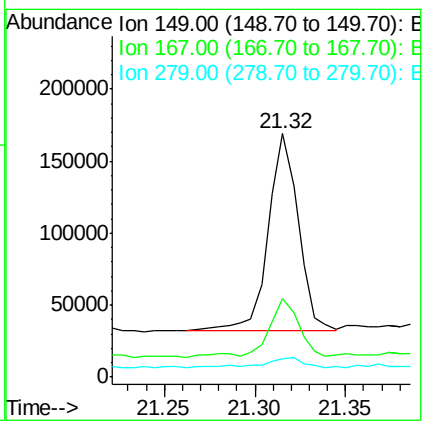


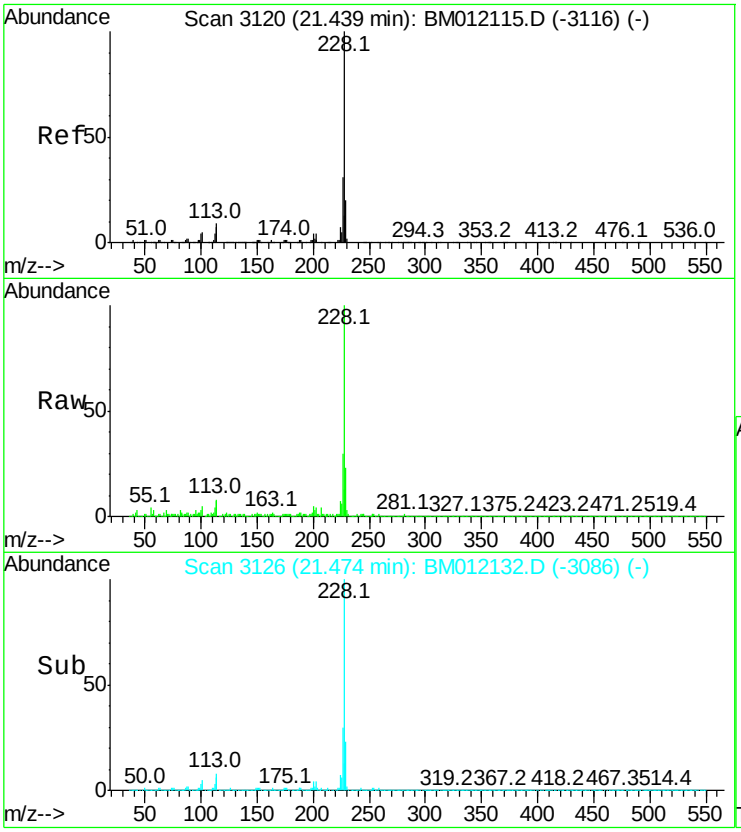


#81
Bis(2-ethylhexyl)phthalate
Concen: 2.433 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:149 Resp: 158897

Ion	Ratio	Lower	Upper
149	100		
167	32.3	22.8	34.2
279	7.5	4.9	7.3#



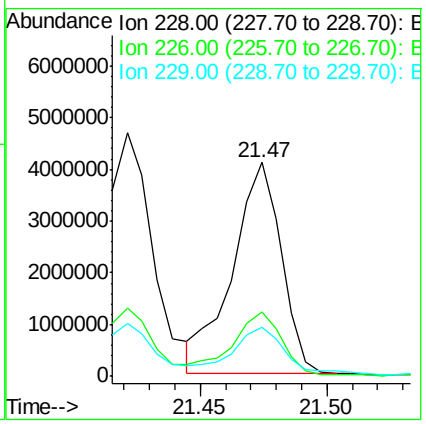


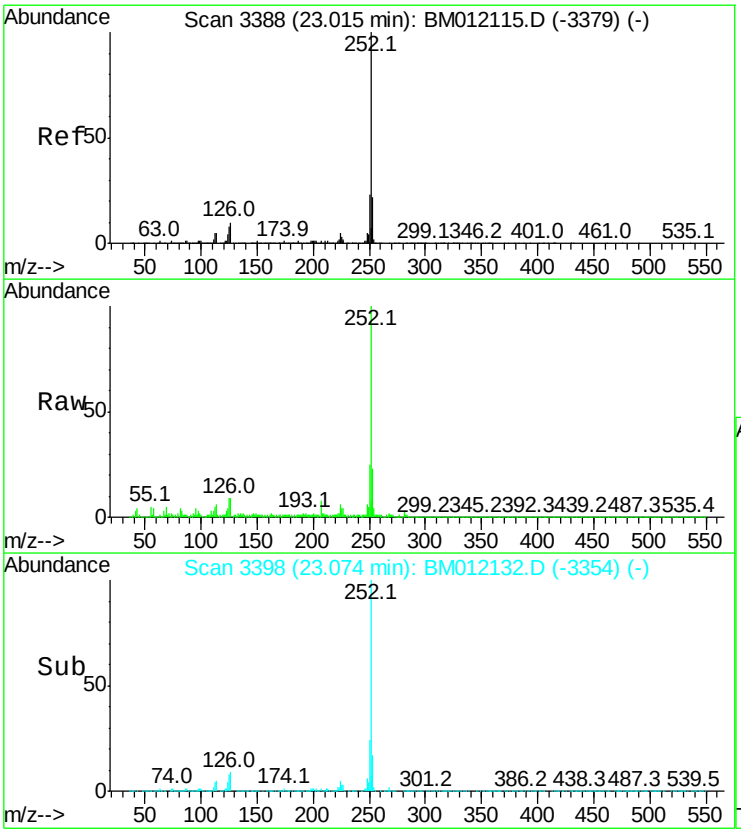
#82
Chrysene
Concen: 60.570 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. 0.04 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 5479195

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	23.2	15.5	23.3

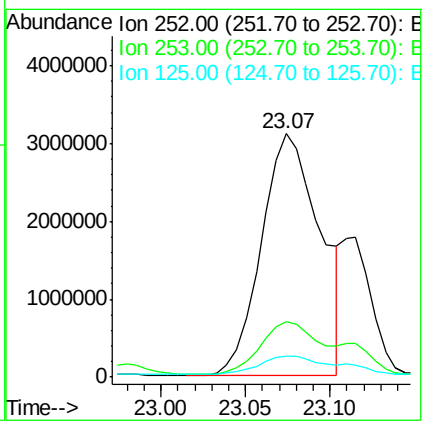


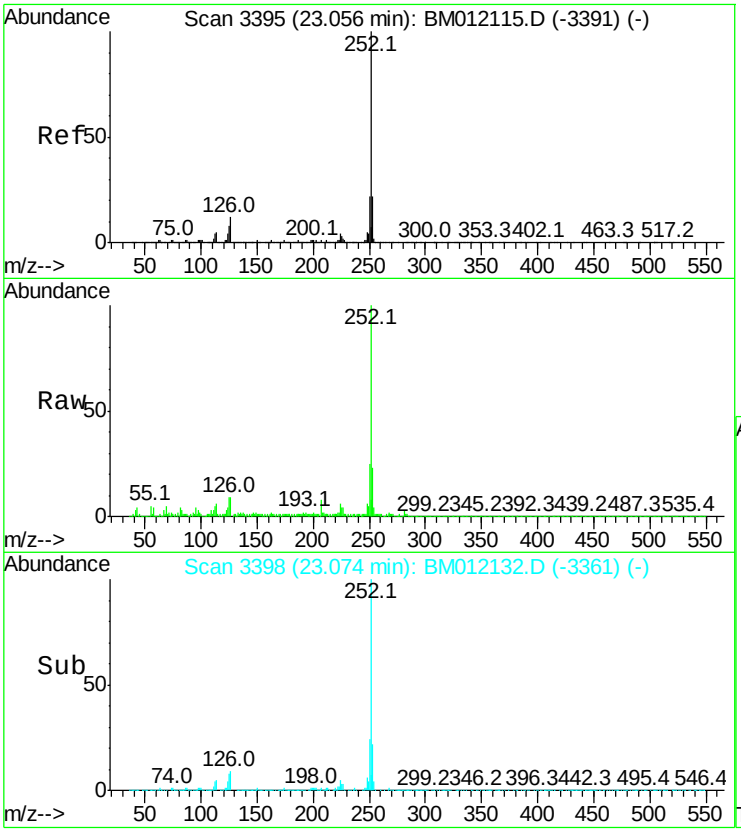


#85
Benzo(b)fluoranthene
Concen: 92.198 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. 0.06 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:252 Resp: 7516622

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	8.7	3.6	5.4#



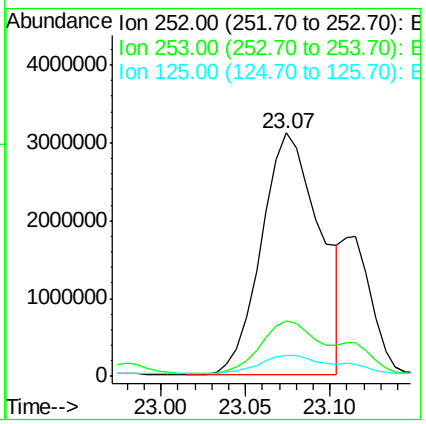


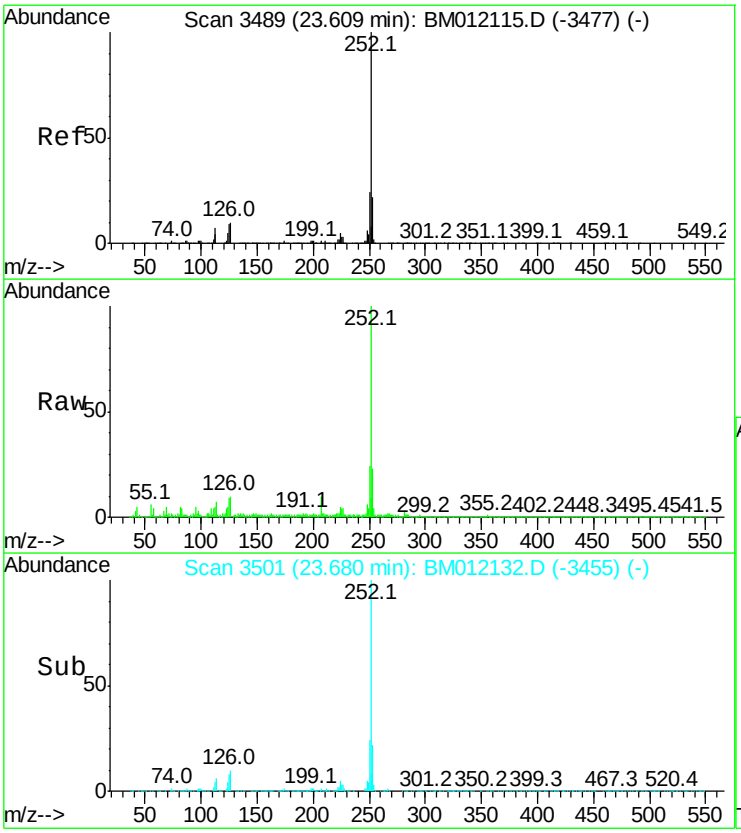
#86
Benzo(k)fluoranthene
Concen: 95.672 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. 0.02 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 7516622

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	8.7	3.4	5.2#

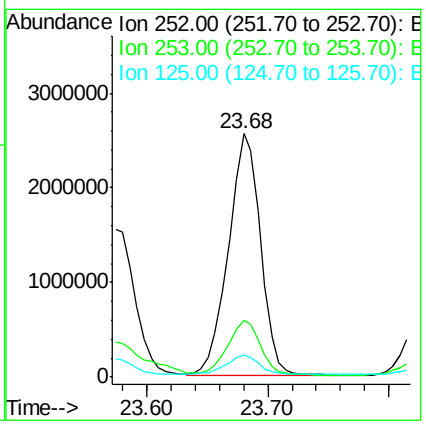


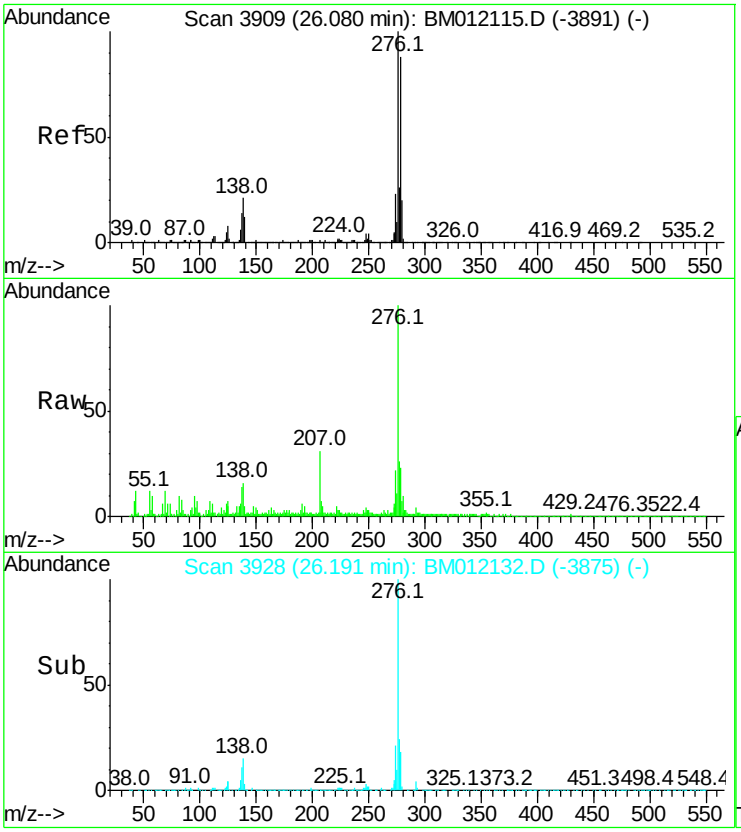


#88
Benzo(a)pyrene
Concen: 61.227 ng/ul
RT: 23.68 min Scan# 3501
Delta R.T. 0.07 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:252 Resp: 4704742

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	8.9	4.0	6.0#



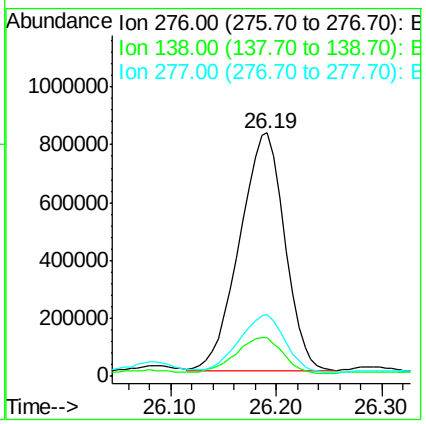


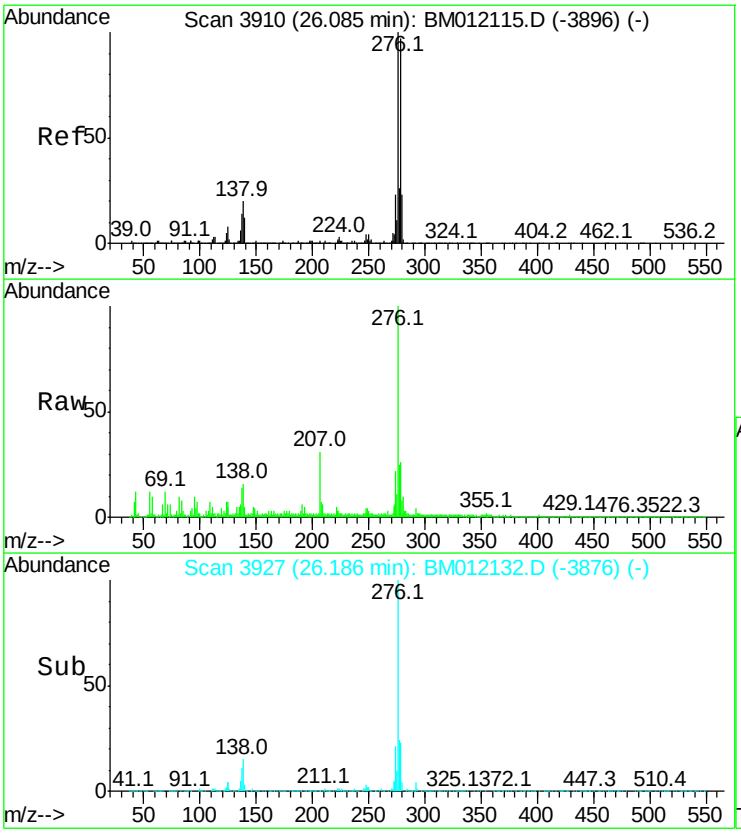
#89
Indeno(1,2,3-cd)pyrene
Concen: 29.763 ng/ul
RT: 26.19 min Scan# 3928
Delta R.T. 0.11 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2428640

Ion	Ratio	Lower	Upper
276	100		
138	15.9	9.3	13.9#
277	25.6	19.9	29.9

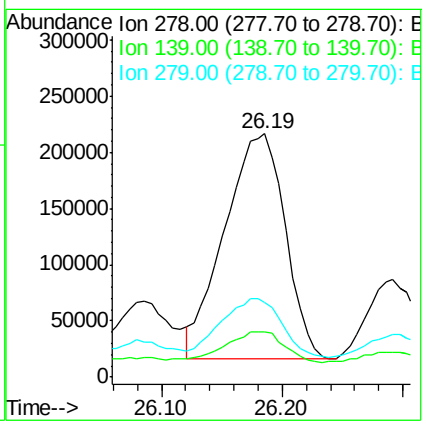


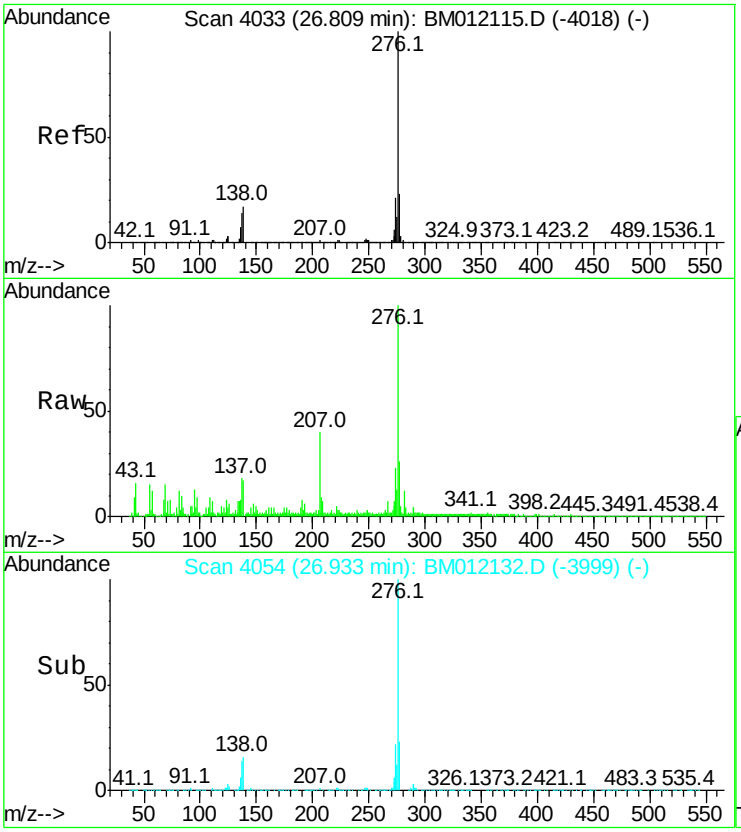


#90
Dibenzo(a,h)anthracene
Concen: 10.218 ng/ul
RT: 26.19 min Scan# 3927
Delta R.T. 0.10 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Tgt Ion:278 Resp: 700914

Ion	Ratio	Lower	Upper
278	100		
139	18.5	5.8	8.8#
279	30.9	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 31.088 ng/ul
RT: 26.93 min Scan# 4054
Delta R.T. 0.12 min
Lab File: BM012132.D
Acq: 13 Oct 2017 12:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2077725

Ion	Ratio	Lower	Upper
276	100		
138	17.1	8.5	12.7#
277	25.7	18.6	28.0