Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012595.D
Acq On : 31 Oct 2017 04:11
Operator : SJ/JU
Sample : I5719-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 31 04:53:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	374734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1403883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	805264	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1820990	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2186817	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2483819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	23271	3.17	ng/uL	0.00
5) Phenol-d5	7.02	99	429211	13.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	268910	14.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	349439	14.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	280829	10.50	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	165289	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	184392	20.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	349854	14.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	68772	2.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1046208	14.87	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1291000	15.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	135810	12.99	ng/ul	0.00
57) Fluorene-d10	15.47	176	913019	15.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	101310	11.50	ng/ul	0.00
70) Anthracene-d10	17.33	188	1372086	15.81	ng/ul	0.00
76) Pyrene-d10	19.62	212	1562839	15.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1807191	15.31	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.00	77	17075	1.00	ng/ul#	1
6) Phenol	7.05	94	85948	2.64	ng/ul#	84
14) Acetophenone	8.66	105	55714	1.33	ng/ul#	32
17) Hexachloroethane	8.96	117	20290	2.00	ng/ul#	1
28) Naphthalene	10.70	128	88483	1.27	ng/ul	99
44) Dimethylphthalate	13.94	163	715934	10.29	ng/ul	98
47) Acenaphthylene	14.21	152	86967	1.10	ng/ul#	93
49) Acenaphthene	14.55	153	112218	2.06	ng/ul	99
58) Fluorene	15.53	166	80085	1.18	ng/ul#	96
69) Phenanthrene	17.27	178	1880030	19.09	ng/ul	99
71) Anthracene	17.36	178	397752	3.91	ng/ul	98
72) Carbazole	17.63	167	223646	2.65	ng/ul	98
74) Fluoranthene	19.28	202	5284494	47.36	ng/ul#	91
77) Pyrene	19.64	202	4965754	39.93	ng/ul#	90
78) Butylbenzylphthalate	20.54	149	52094	1.06	ng/ul	99
80) Benzo(a)anthracene	21.39	228	3000526	22.91	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.32	149	769846	10.33	ng/ul	99
82) Chrysene	21.44	228	3201910	27.50	ng/ul	96
85) Benzo(b)fluoranthene	23.02	252	5214196	33.96	ng/ul#	97
86) Benzo(k)fluoranthene	23.02	252	5214196	36.08	ng/ul#	95
88) Benzo(a)pyrene	23.60	252	3461342	23.64	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.04	276	2930834	17.01	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.04	278	764701	5.24	ng/ul#	85

Quantitation Report (Not Reviewed)

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Data File : BM012595.D
Acq On : 31 Oct 2017 04:11
Operator : SJ/JU
Sample : I5719-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 31 04:53:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.76	276	2627250	18.82	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012595.D
Acq On : 31 Oct 2017 04:11
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Misc :
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ClientSampleId :

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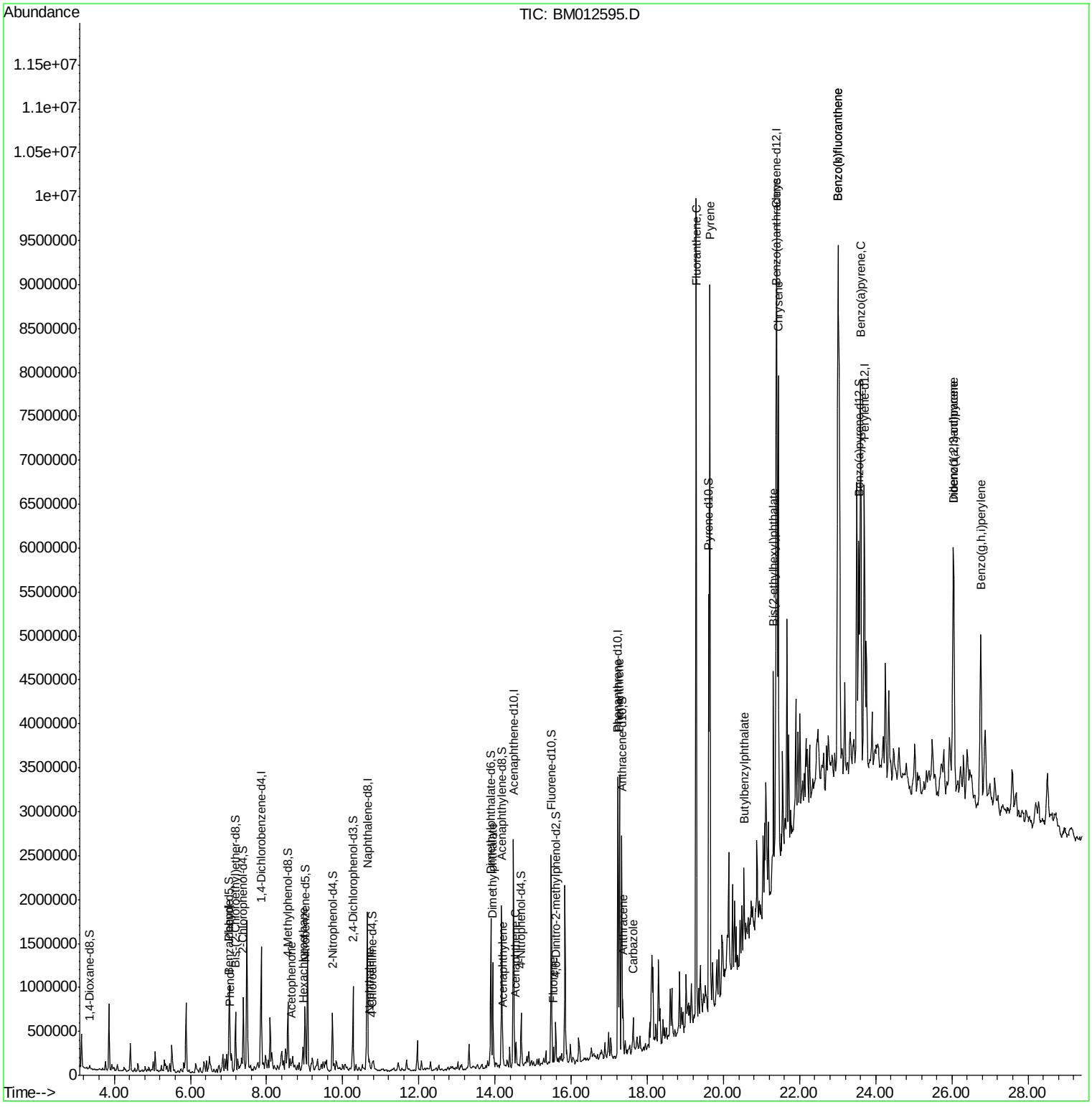
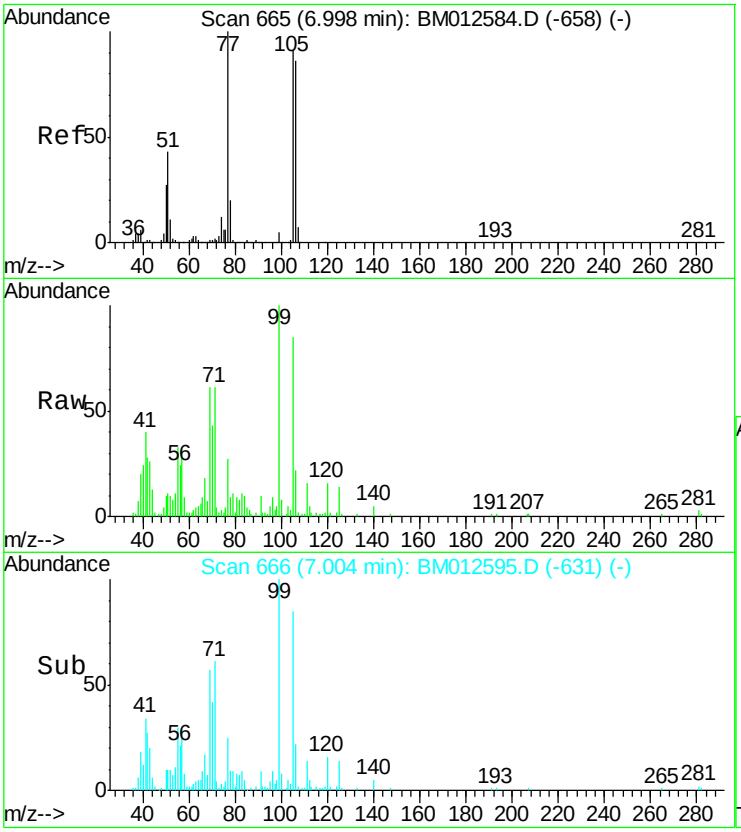
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration



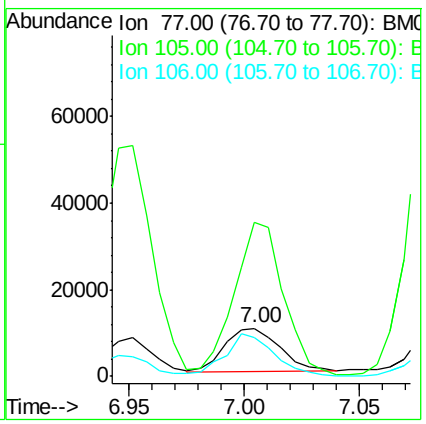


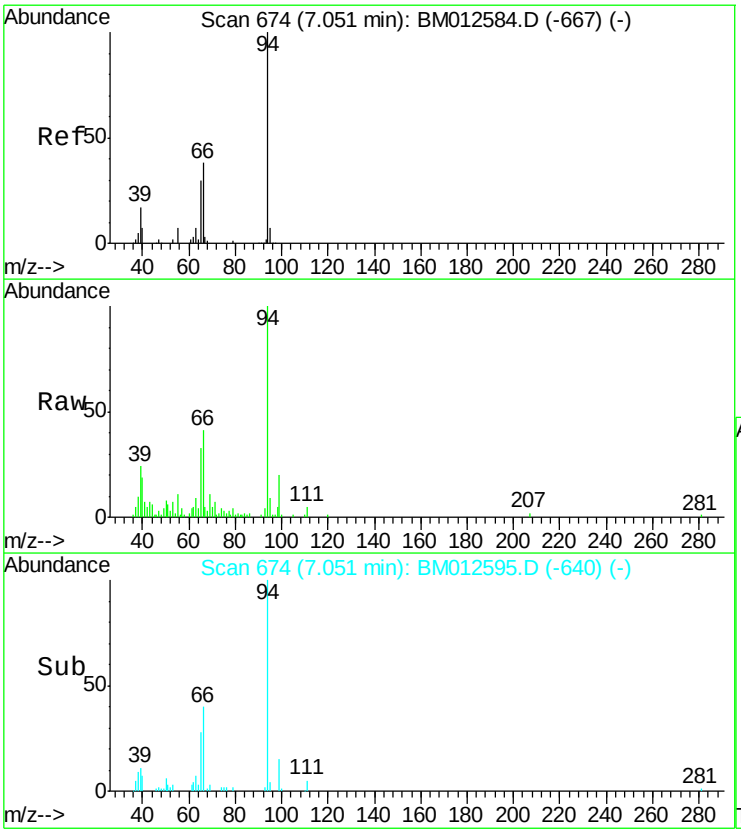
#4
Benzaldehyde
Concen: 1.00 ng/ul
RT: 7.00 min Scan# 666
Delta R.T. 0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 17075

Ion	Ratio	Lower	Upper
77	100		
105	320.4	66.1	99.1#
106	81.3	67.8	101.6

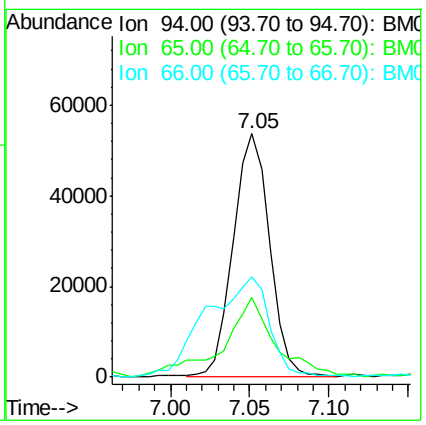


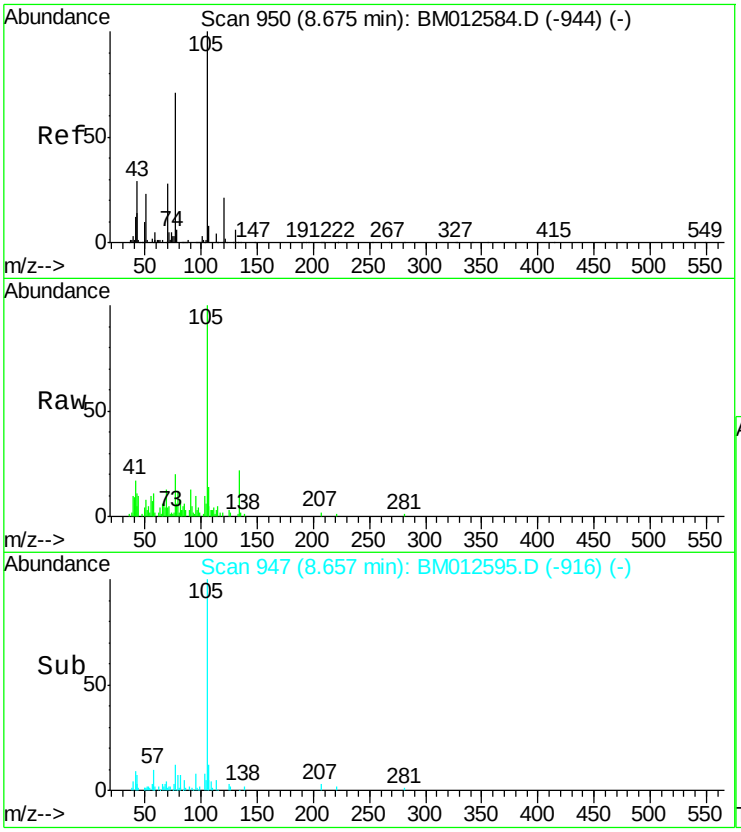


#6
Phenol
Concen: 2.64 ng/ul
RT: 7.05 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion: 94 Resp: 85948

Ion	Ratio	Lower	Upper
94	100		
65	32.9	28.2	42.4
66	41.2	47.2	70.8#



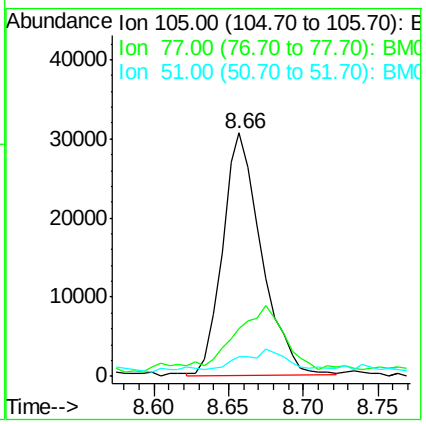


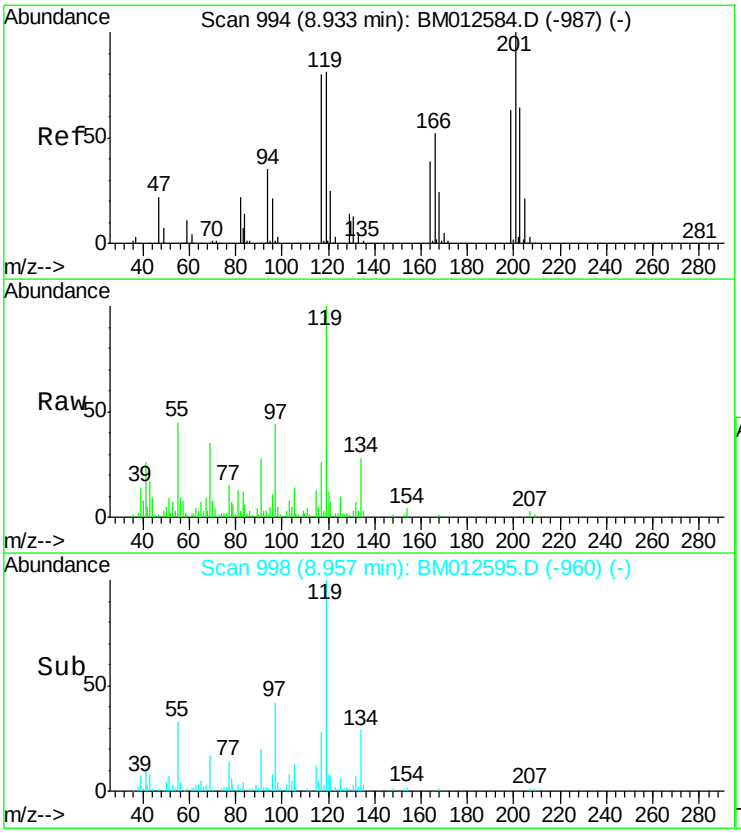
#14
Acetophenone
Concen: 1.33 ng/ul
RT: 8.66 min Scan# 947
Delta R.T. -0.02 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 55714

Ion	Ratio	Lower	Upper
105	100		
77	19.5	74.2	111.4#
51	8.1	23.4	35.2#

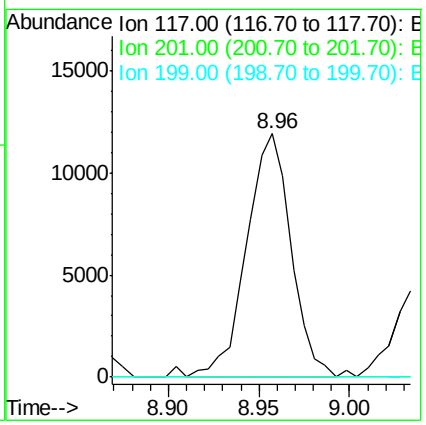


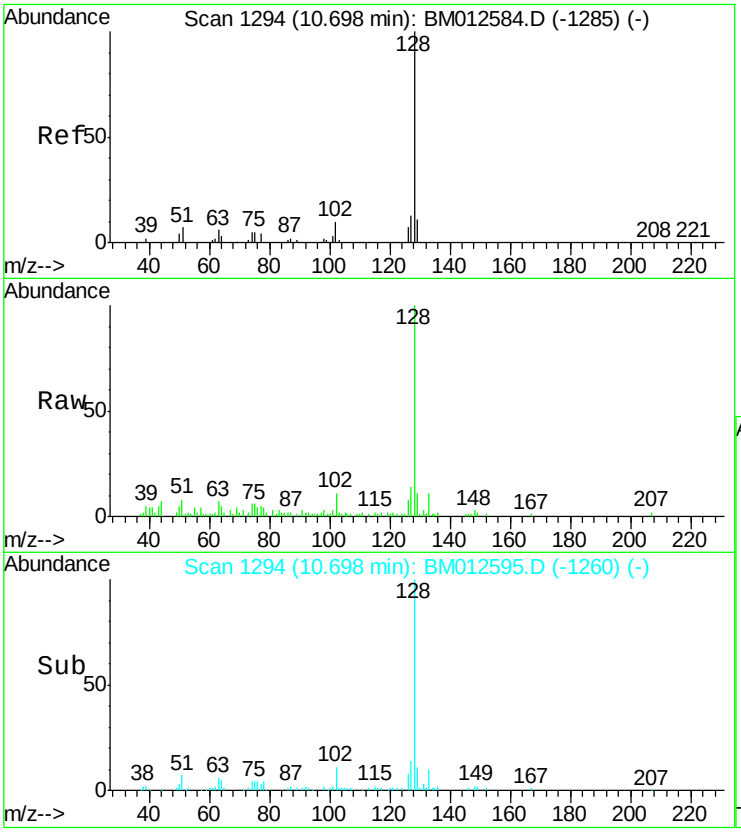


#17
Hexachloroethane
Concen: 2.00 ng/ul
RT: 8.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:117 Resp: 20290

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



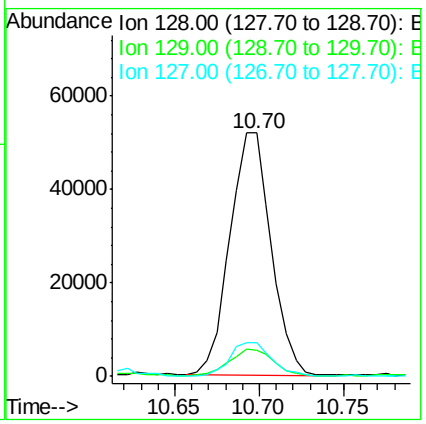


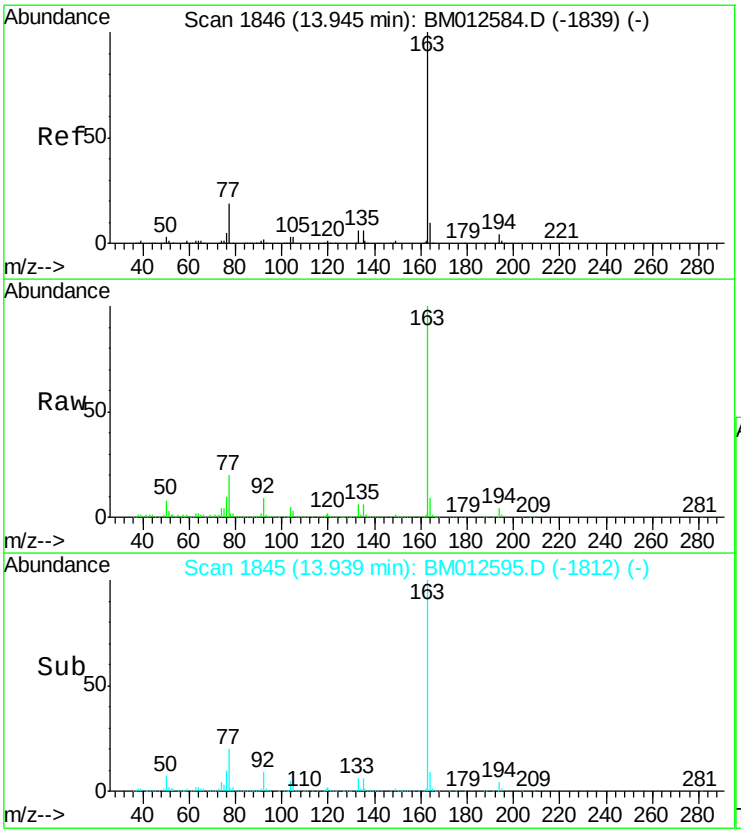
#28
Naphthalene
Concen: 1.27 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 88483

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.6	10.6	16.0

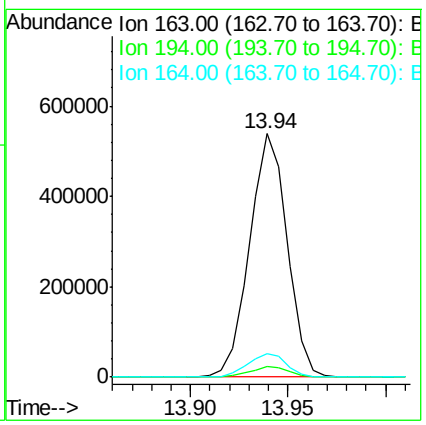


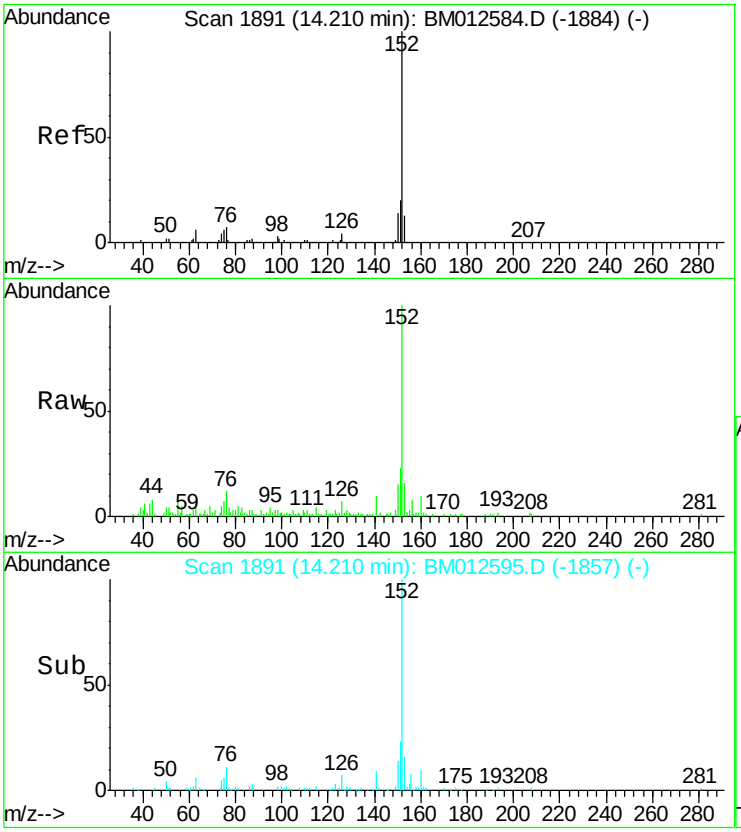


#44
Dimethylphthalate
Concen: 10.29 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:163 Resp: 715934

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.5	8.2	12.4



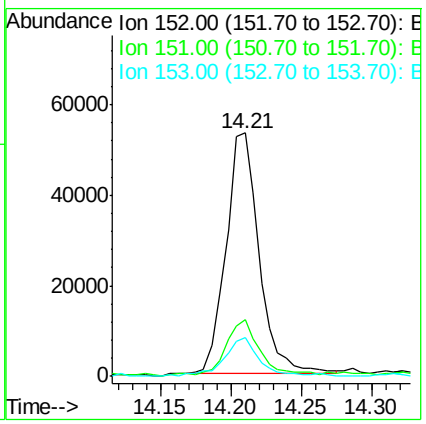


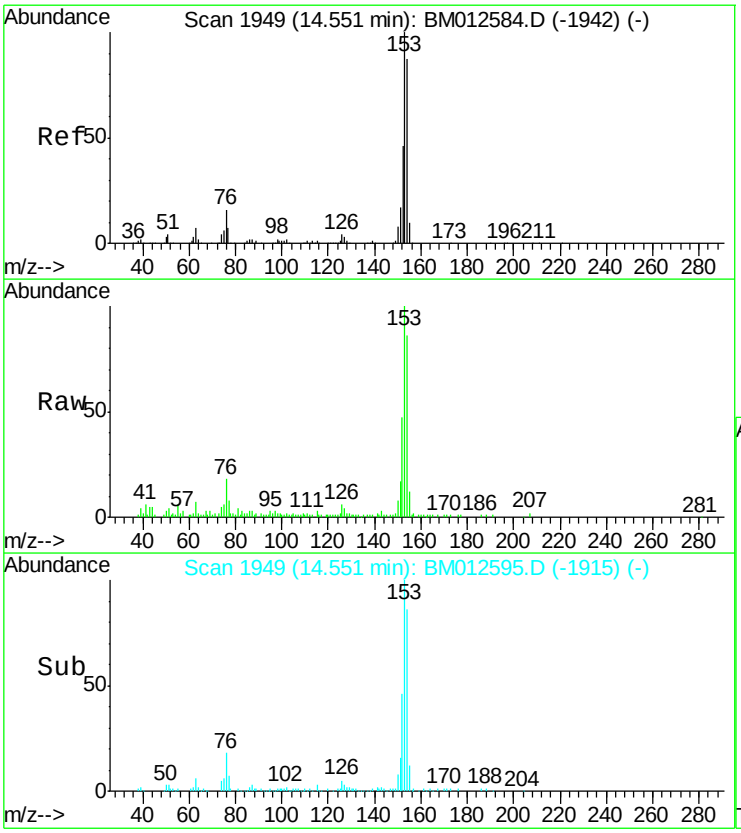
#47
Acenaphthylene
Concen: 1.10 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 86967

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.3	24.5
153	16.2	10.2	15.4#

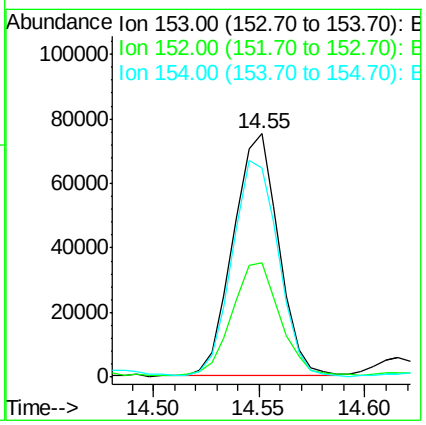


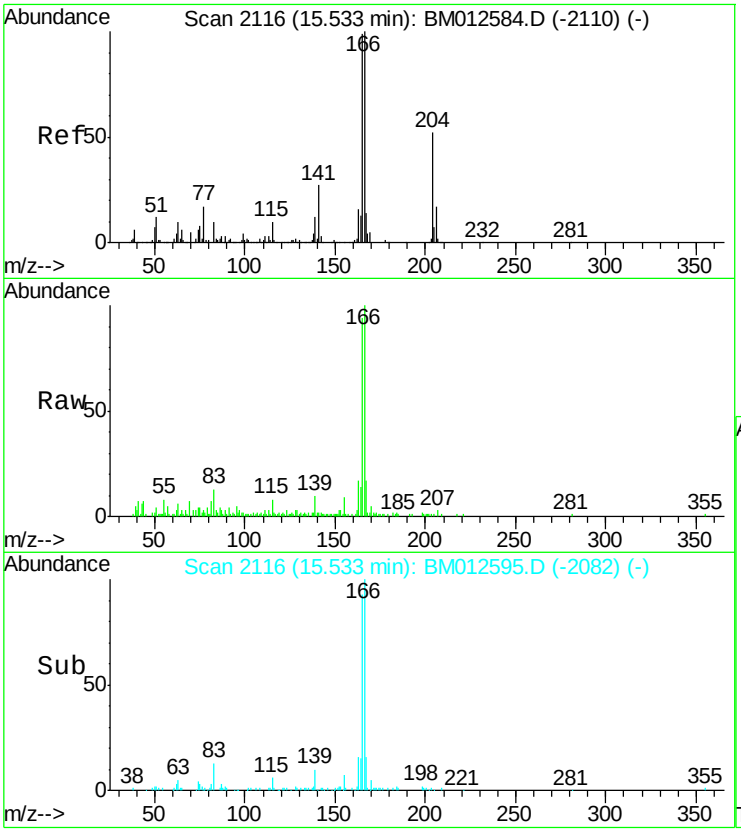


#49
Acenaphthene
Concen: 2.06 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:153 Resp: 112218

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.6	56.4
154	86.0	70.4	105.6



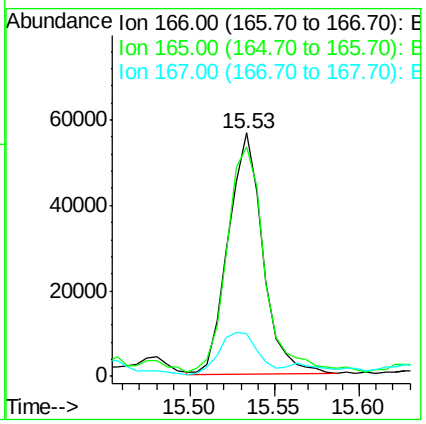


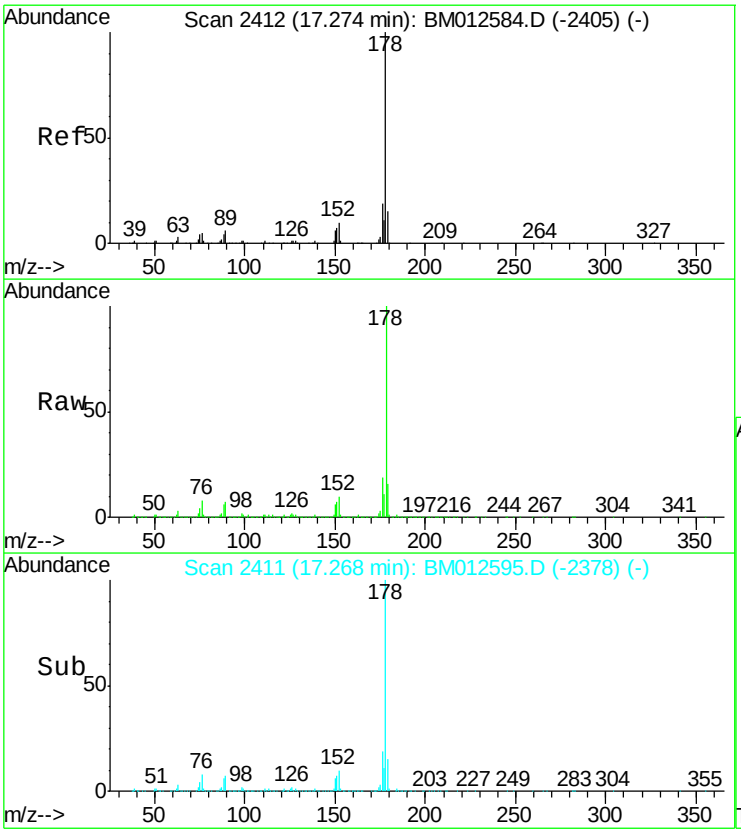
#58
Fluorene
Concen: 1.18 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 80085

Ion	Ratio	Lower	Upper
166	100		
165	94.3	77.9	116.9
167	17.4	10.6	16.0#

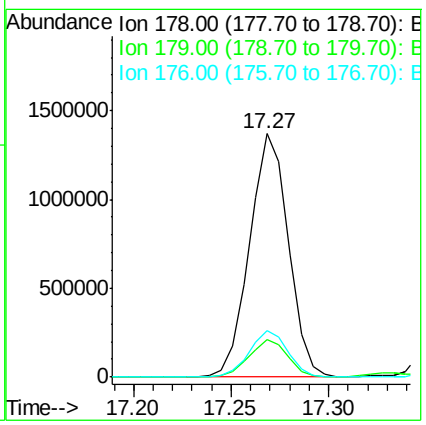


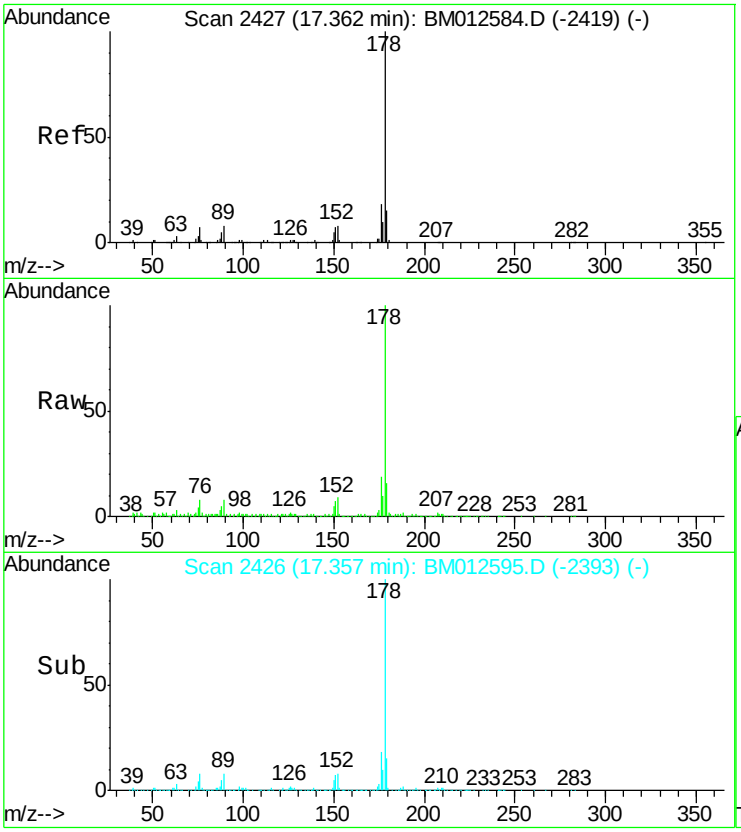


#69
Phenanthrene
Concen: 19.09 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:178 Resp: 1880030

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.1	14.9	22.3



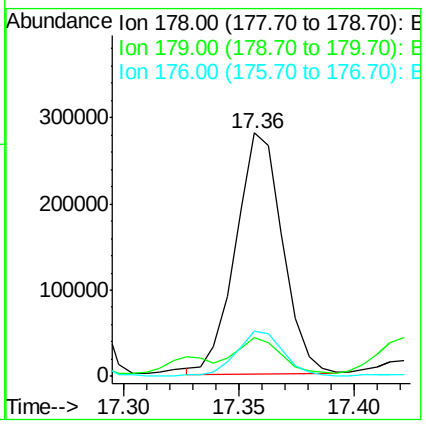


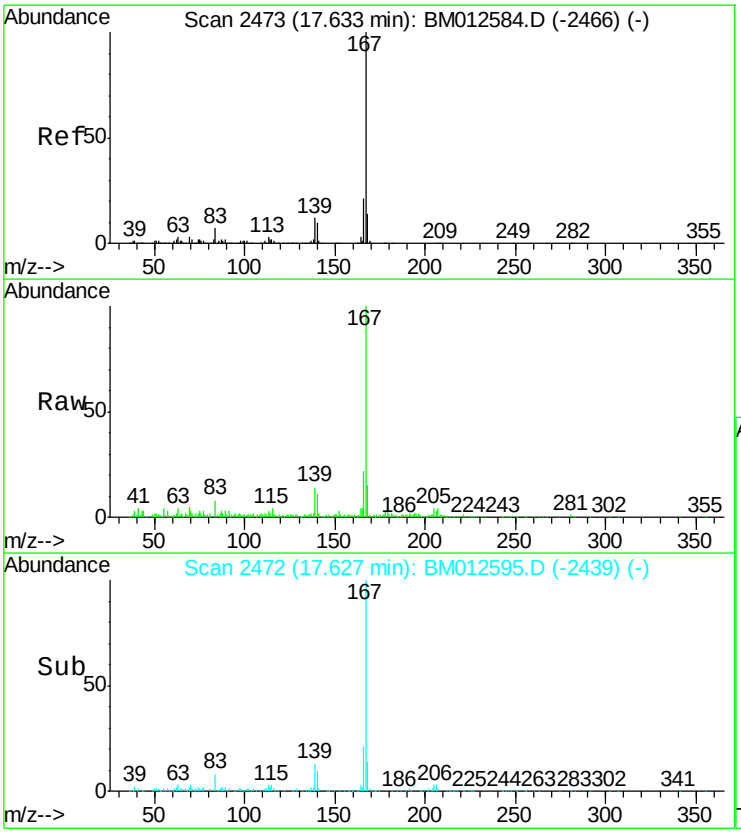
#71
Anthracene
Concen: 3.91 ng/ul
RT: 17.36 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 397752

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.5	14.6	21.8

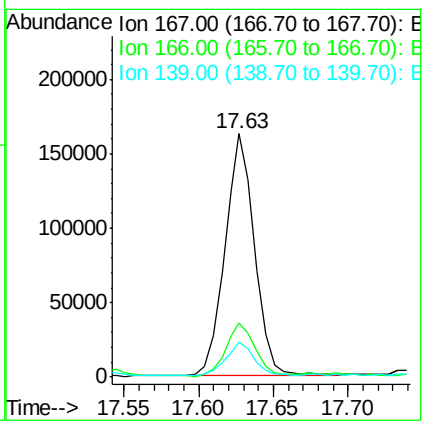


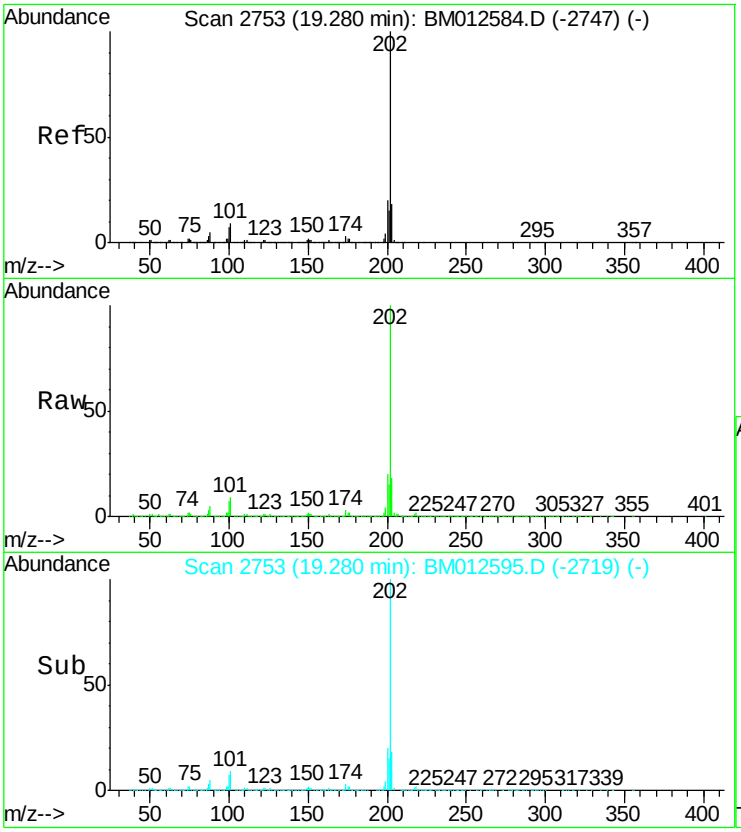


#72
Carbazole
Concen: 2.65 ng/ul
RT: 17.63 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:167 Resp: 223646

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	14.1	10.0	15.0



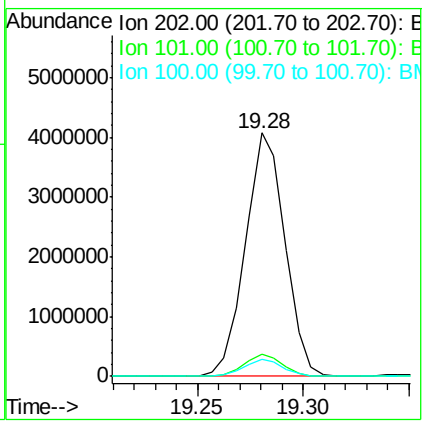


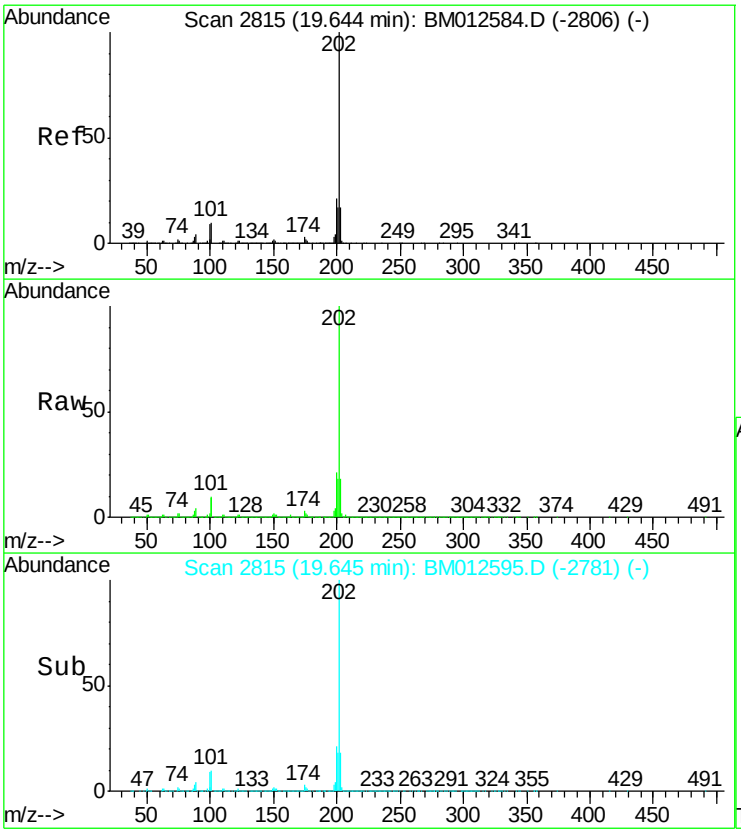
#74
Fluoranthene
Concen: 47.36 ng/ul
RT: 19.28 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 5284494

Ion	Ratio	Lower	Upper
202	100		
101	9.1	4.6	7.0#
100	7.1	3.4	5.2#

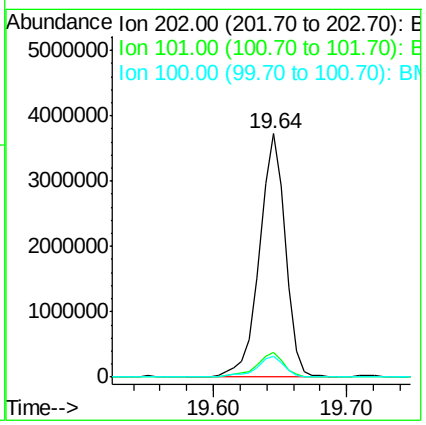


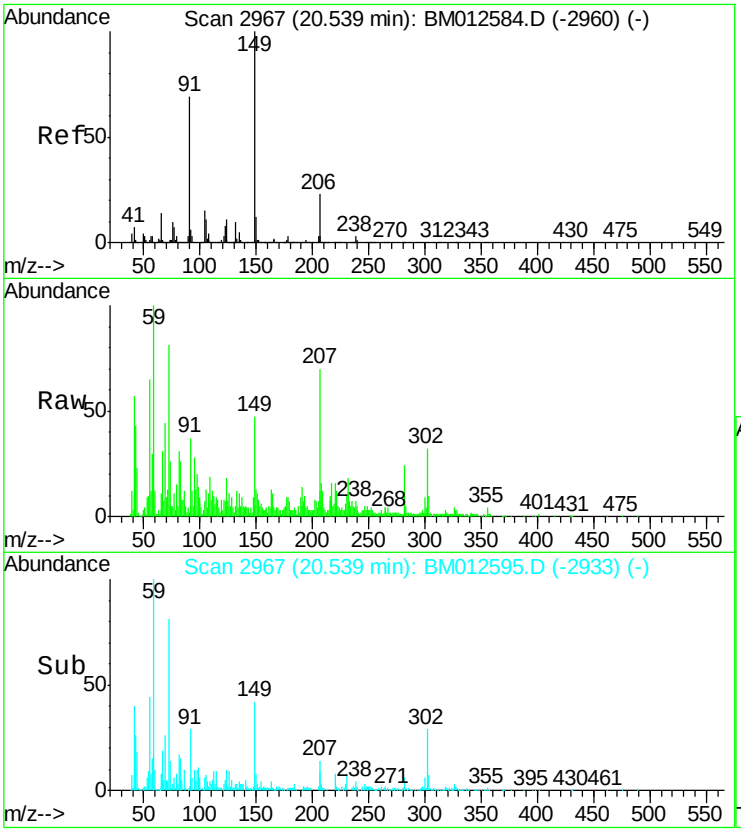


#77
Pyrene
Concen: 39.93 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:202 Resp: 4965754

Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	8.7	4.9	7.3#



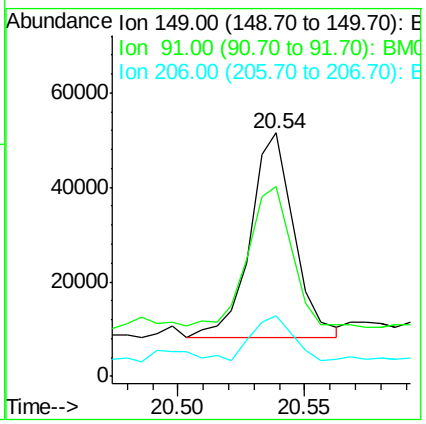


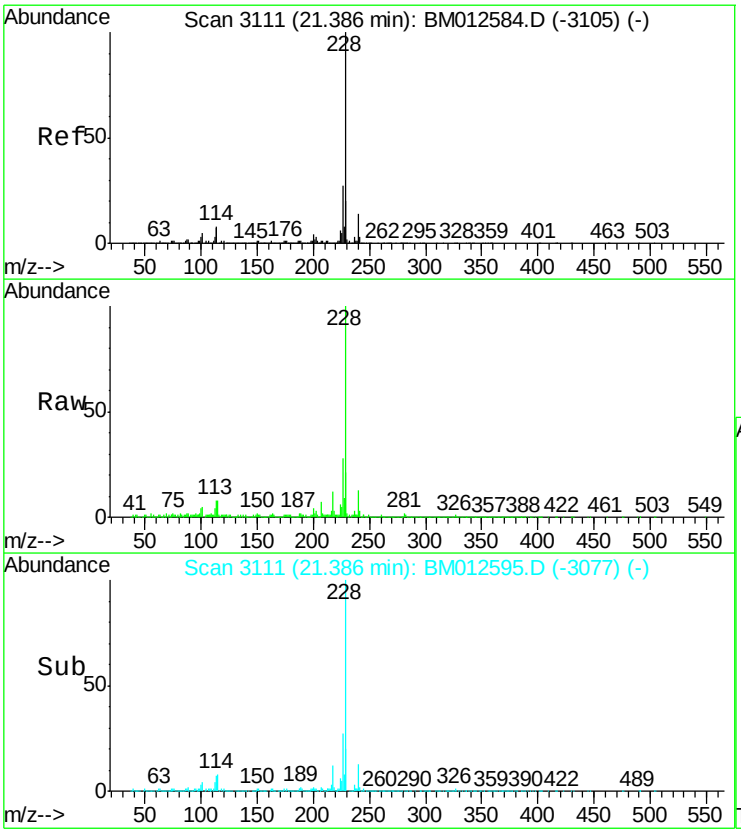
#78
Butylbenzylphthalate
Concen: 1.06 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 52094

Ion	Ratio	Lower	Upper
149	100		
91	78.0	62.7	94.1
206	24.7	20.8	31.2

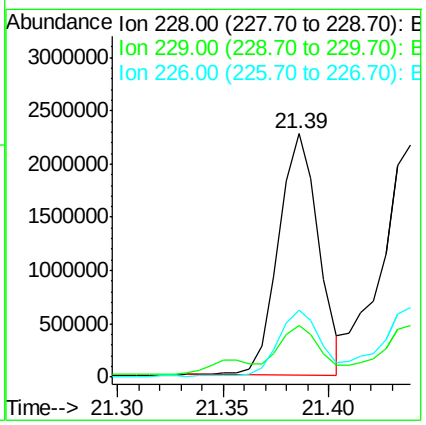


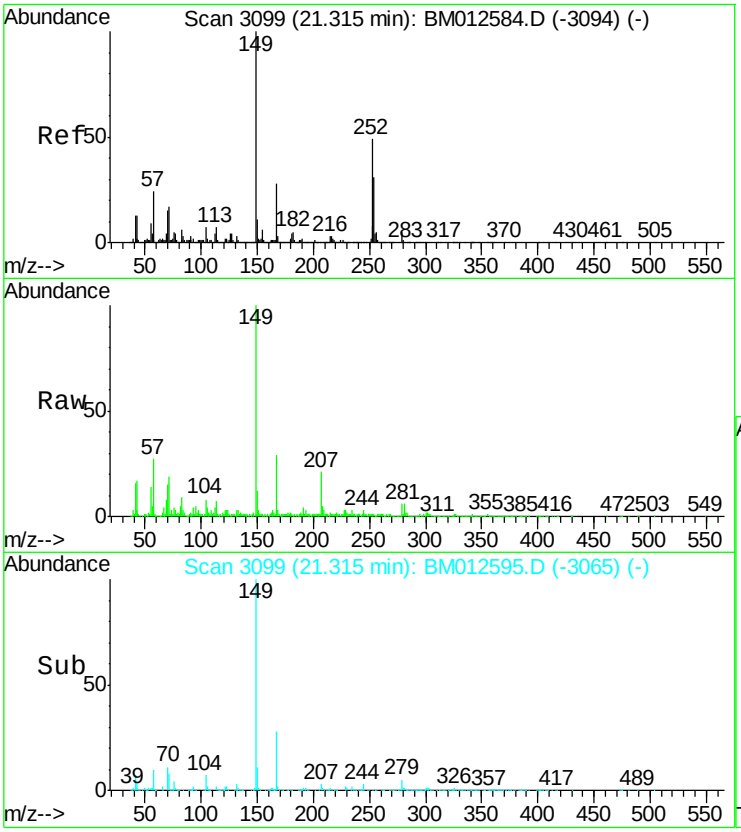


#80
Benzo(a)anthracene
Concen: 22.91 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:228 Resp: 3000526

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	27.7	21.4	32.0



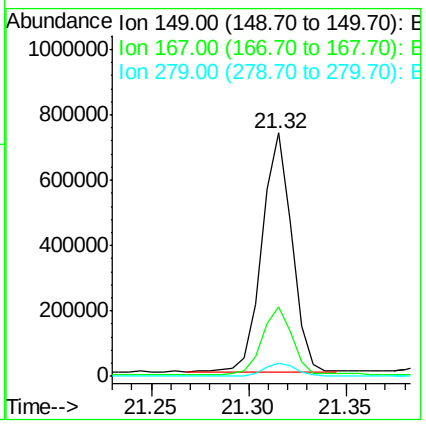


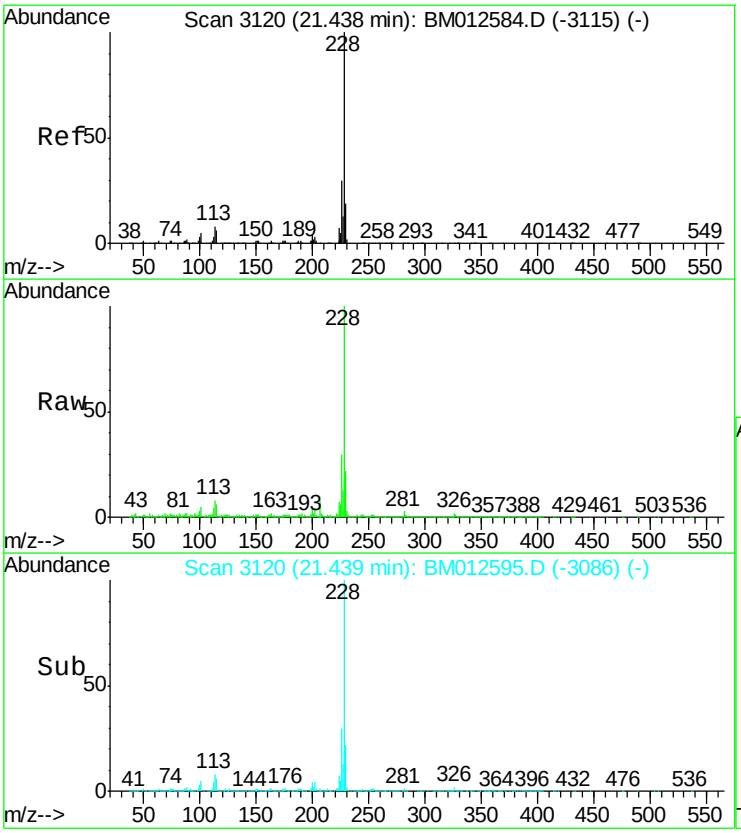
#81
Bis(2-ethylhexyl)phthalate
Concen: 10.33 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 769846

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.8	34.2
279	5.6	4.9	7.3

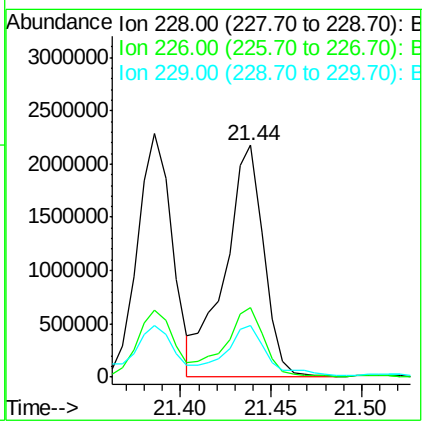


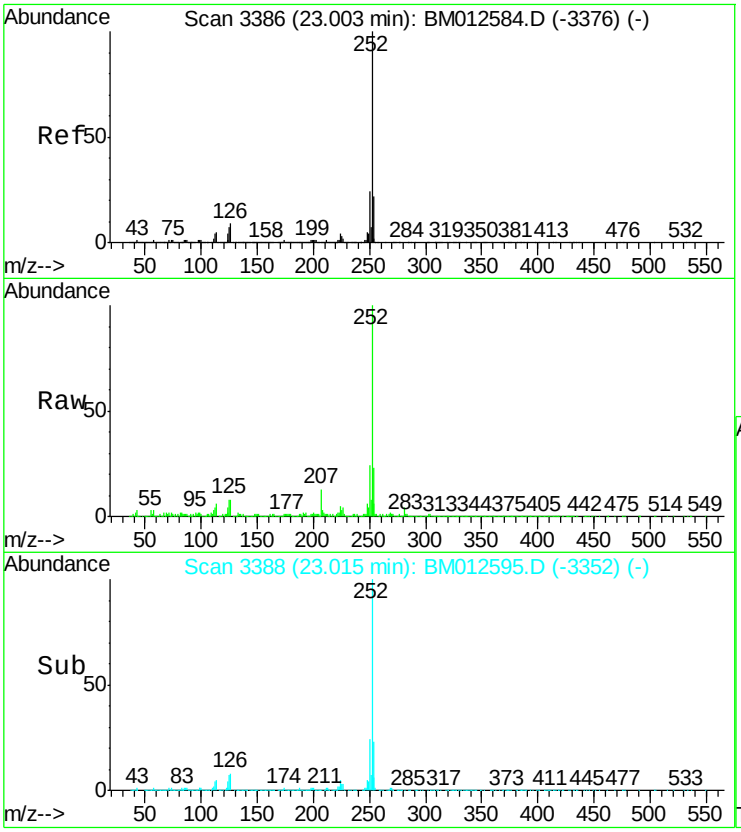


#82
Chrysene
Concen: 27.50 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:228 Resp: 3201910

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.4	15.5	23.3



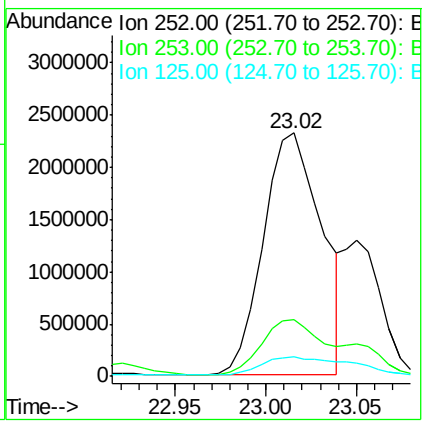


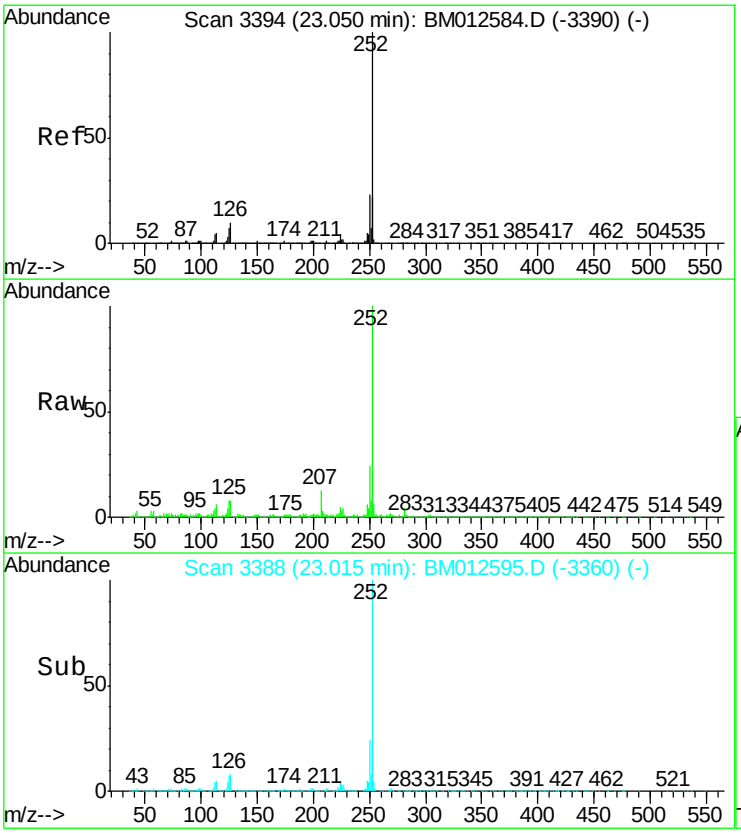
#85
Benzo(b)fluoranthene
Concen: 33.96 ng/ul
RT: 23.02 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 5214196

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	7.9	3.6	5.4#

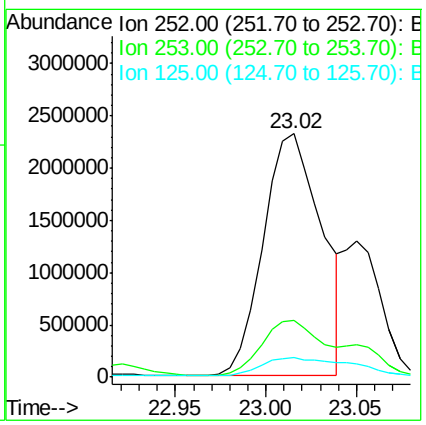


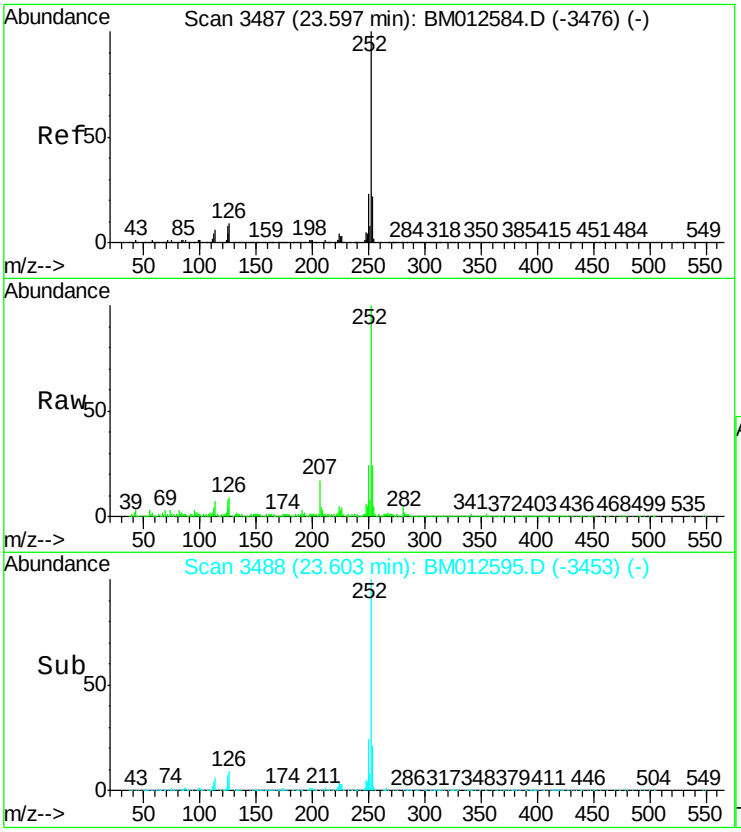


#86
Benzo(k)fluoranthene
Concen: 36.08 ng/ul
RT: 23.02 min Scan# 3388
Delta R.T. -0.04 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:252 Resp: 5214196

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	7.9	3.4	5.2#



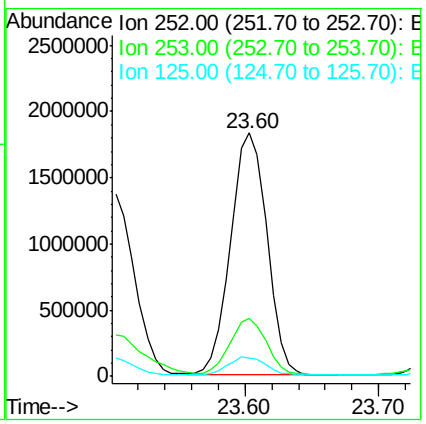


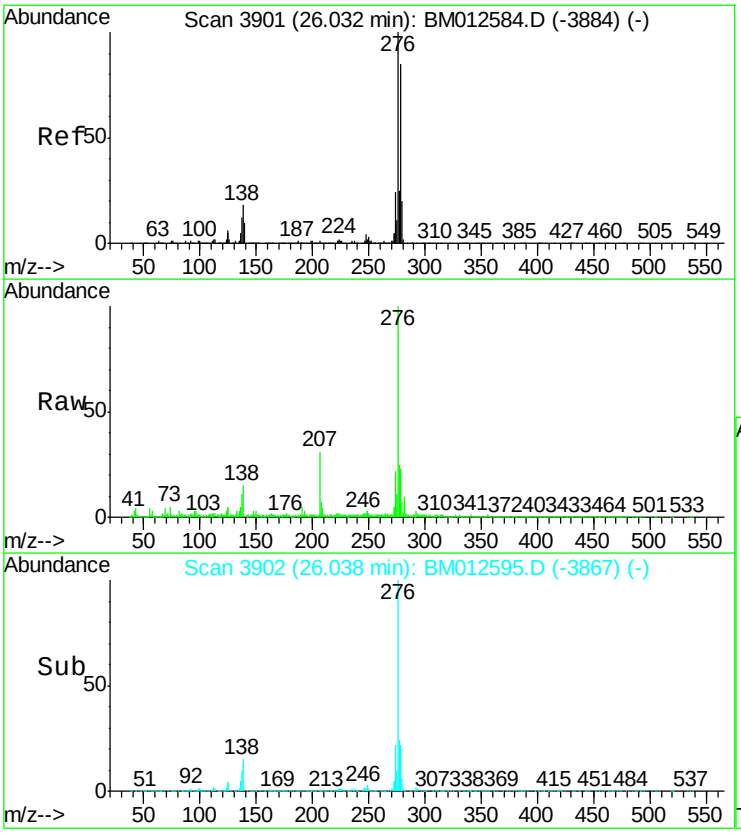
#88
Benzo(a)pyrene
Concen: 23.64 ng/ul
RT: 23.60 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3461342

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	7.8	4.0	6.0#

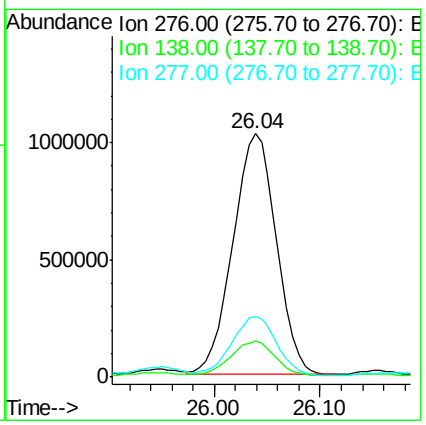


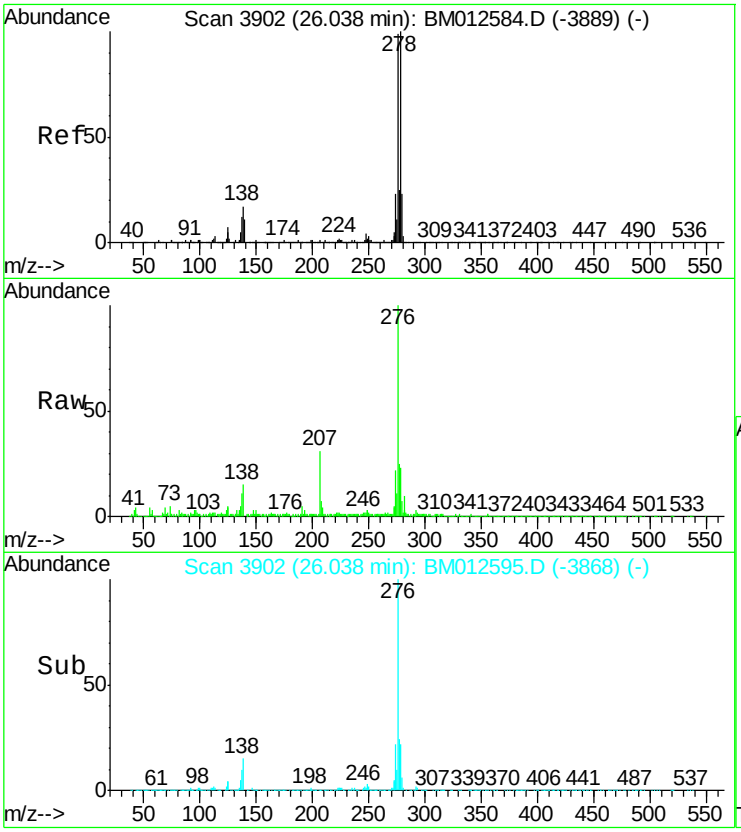


#89
Indeno(1,2,3-cd)pyrene
Concen: 17.01 ng/ul
RT: 26.04 min Scan# 3902
Delta R.T. 0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:276 Resp: 2930834

Ion	Ratio	Lower	Upper
276	100		
138	15.0	9.3	13.9#
277	25.0	19.9	29.9



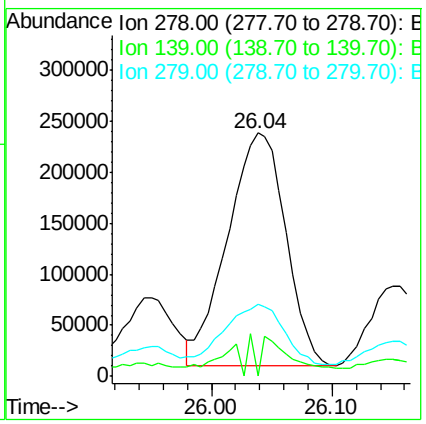


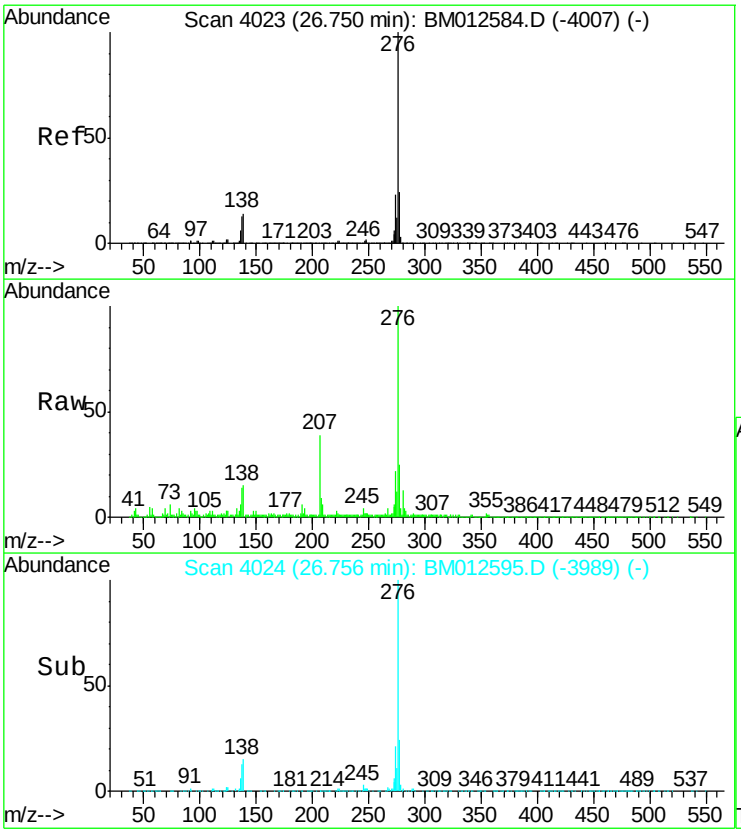
#90
Dibenzo(a,h)anthracene
Concen: 5.24 ng/ul
RT: 26.04 min Scan# 3902
Delta R.T. 0.00 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 764701

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	29.7	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 18.82 ng/ul
RT: 26.76 min Scan# 4024
Delta R.T. 0.01 min
Lab File: BM012595.D
Acq: 31 Oct 2017 04:11

Tgt Ion:276 Resp: 2627250

Ion	Ratio	Lower	Upper
276	100		
138	15.1	8.5	12.7#
277	25.4	18.6	28.0