Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012729.D
Acq On : 05 Nov 2017 04:17
Operator : SJ/JU
Sample : I5825-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-62(0-1)-101117

Quant Time: Nov 06 03:27:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	109399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	449428	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	277881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	612169	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	540385	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	560664	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	9668	4.77	ng/uL	0.00
5) Phenol-d5	6.99	99	215806	26.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	120589	27.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	191129	28.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	170630	24.28	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	94852	28.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	111039	29.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	215392	27.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	109109	14.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	681417	29.63	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	833873	29.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	68366	18.55	ng/ul	0.00
57) Fluorene-d10	15.44	176	587714	29.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	83896	20.76	ng/ul	0.00
70) Anthracene-d10	17.29	188	861328	29.12	ng/ul	0.00
78) Pyrene-d10	19.59	212	873794	34.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	800148	30.18	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.01	94	29518	3.53	ng/ul#	88
44) Dimethylphthalate	13.90	163	120374	5.28	ng/ul#	99
49) Acenaphthene	14.51	153	29027	1.55	ng/ul	98
58) Fluorene	15.50	166	32805	1.44	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.50	198	4336	1.02	ng/ul#	74
69) Phenanthrene	17.23	178	672608	20.10	ng/ul	98
71) Anthracene	17.33	178	132642	3.82	ng/ul	98
74) Carbazole	17.60	167	85301	2.95	ng/ul	97
75) Di-n-butylphthalate	18.16	149	852297	25.14	ng/ul	100
76) Fluoranthene	19.25	202	1247797	31.03	ng/ul#	93
79) Pyrene	19.62	202	1046049	32.44	ng/ul#	91
80) Butylbenzylphthalate	20.51	149	16307	1.39	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	529650	16.20	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	179893	10.50	ng/ul#	96
84) Chrysene	21.41	228	537516	18.14	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	765221	22.33	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	252892	7.77	ng/ul#	95
90) Benzo(a)pyrene	23.46	252	371091	11.38	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.96	276	388314	9.88	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.96	278	100645	3.03	ng/ul#	80
93) Benzo(g,h,i)perylene	26.67	276	359140	11.09	ng/ul#	89

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012729.D
Acq On : 05 Nov 2017 04:17
Operator : SJ/JU
Sample : I5825-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Quant Time: Nov 06 03:27:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration

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

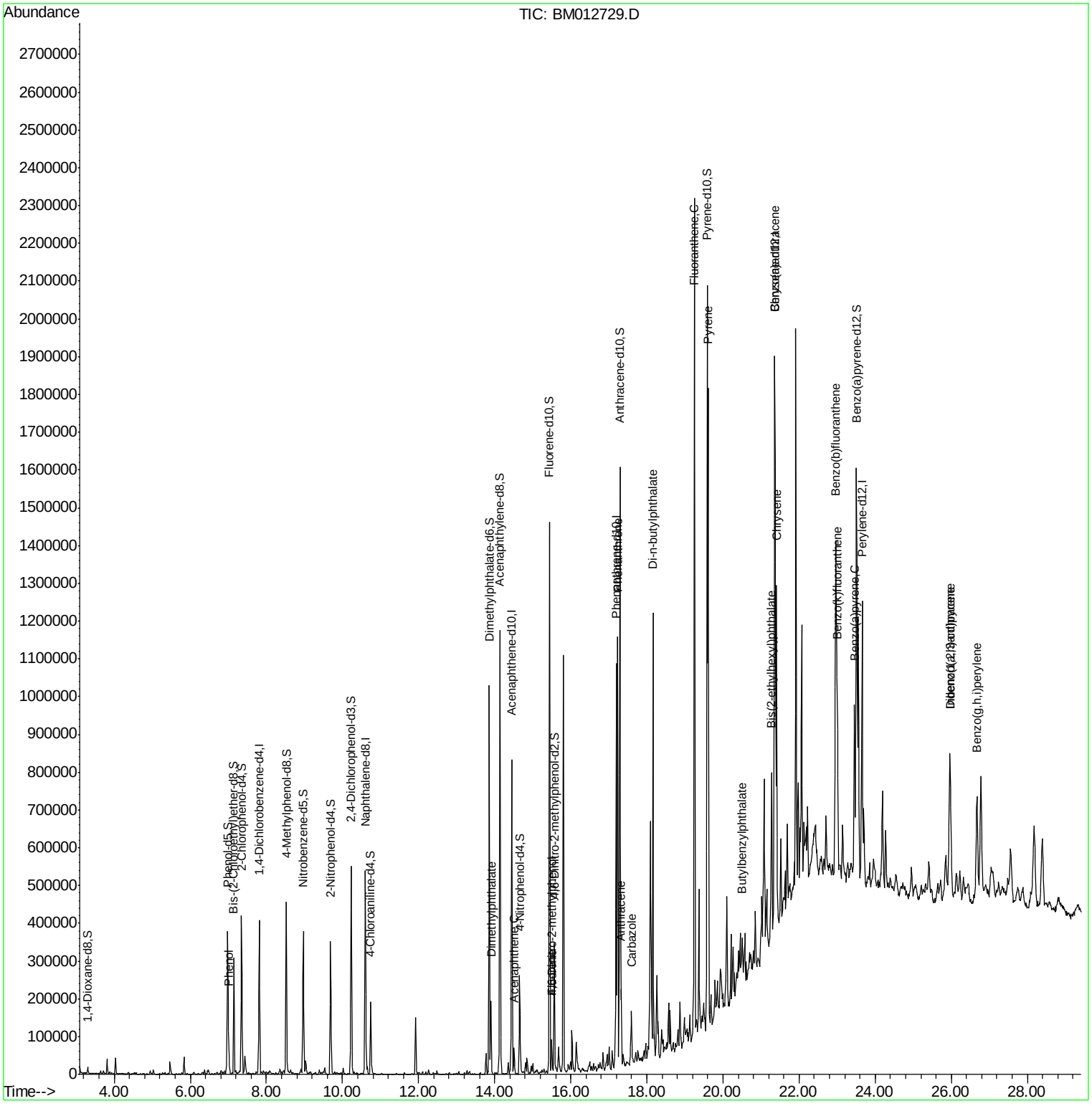
(#) = qualifier out of range (m) = manual integration (+) = signals summed

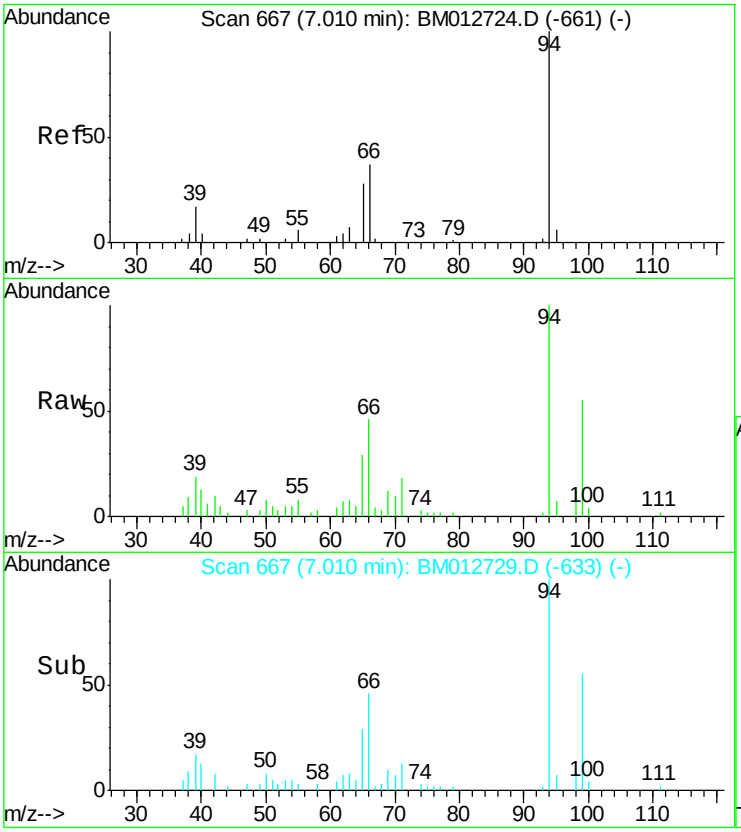
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012729.D
Acq On : 05 Nov 2017 04:17
Operator : SJ/JU
Sample : I5825-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-62(0-1)-101117

Quant Time: Nov 06 03:27:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



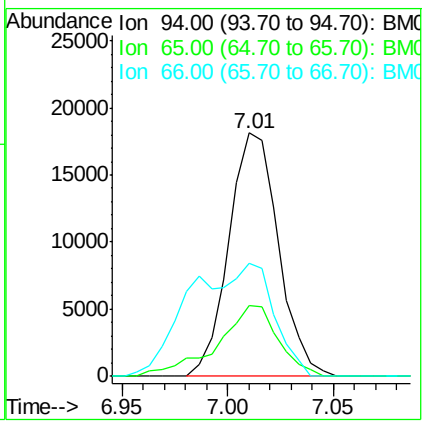


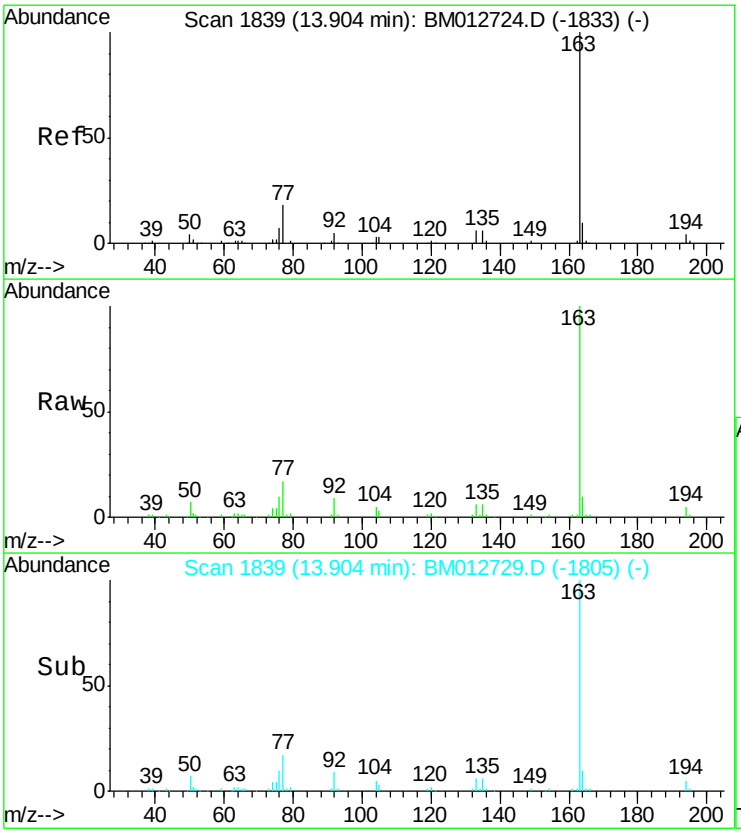
#6
Phenol
Concen: 3.53 ng/ul
RT: 7.01 min Scan# 667
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion: 94 Resp: 29518

Ion	Ratio	Lower	Upper
94	100		
65	29.2	21.0	31.6
66	46.5	29.3	43.9#

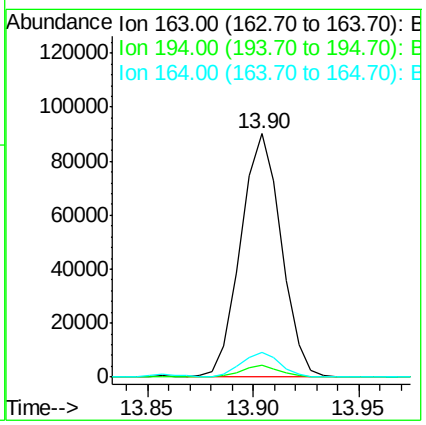


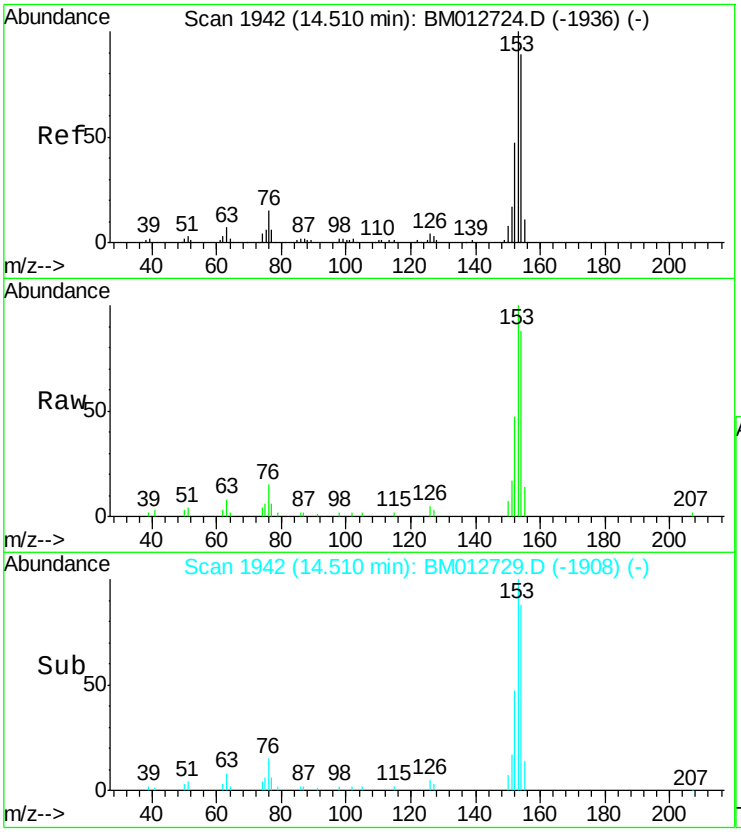


#44
Dimethylphthalate
Concen: 5.28 ng/ul
RT: 13.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:163 Resp: 120374

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.2	4.8#
164	10.0	7.8	11.8



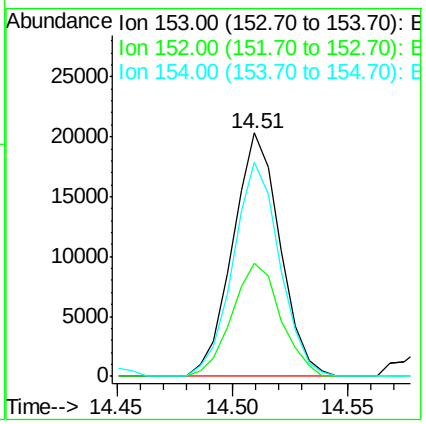


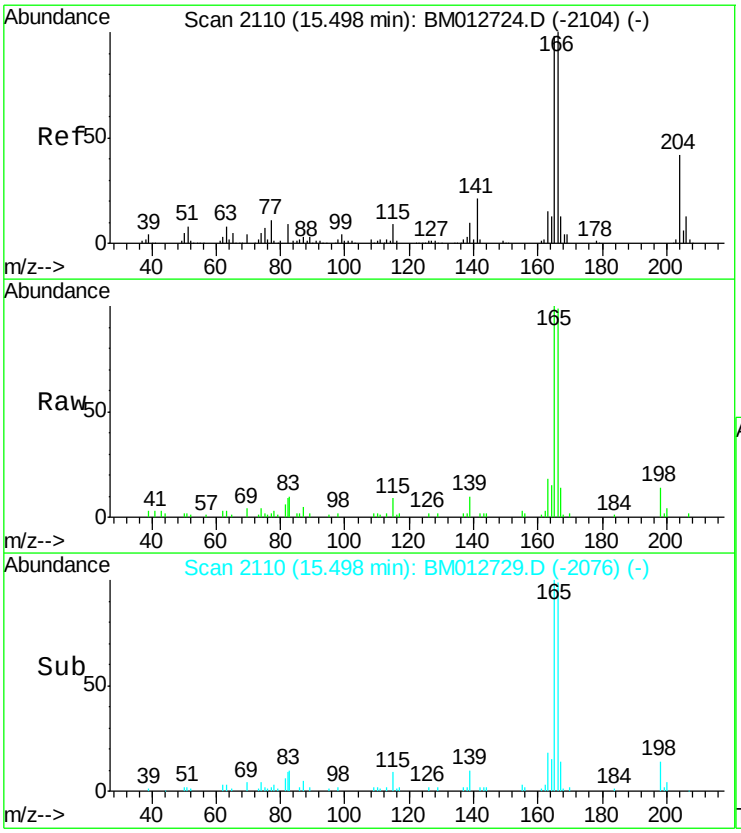
#49
Acenaphthene
Concen: 1.55 ng/ul
RT: 14.51 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:153 Resp: 29027

Ion	Ratio	Lower	Upper
153	100		
152	46.5	38.3	57.5
154	88.2	71.8	107.8

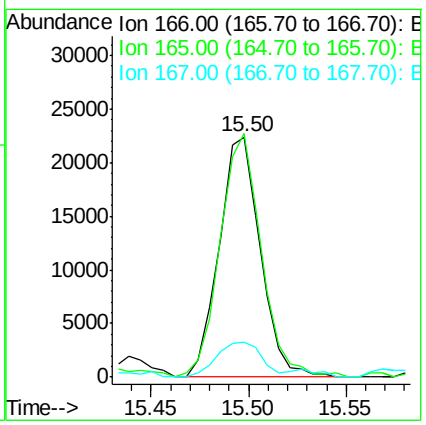


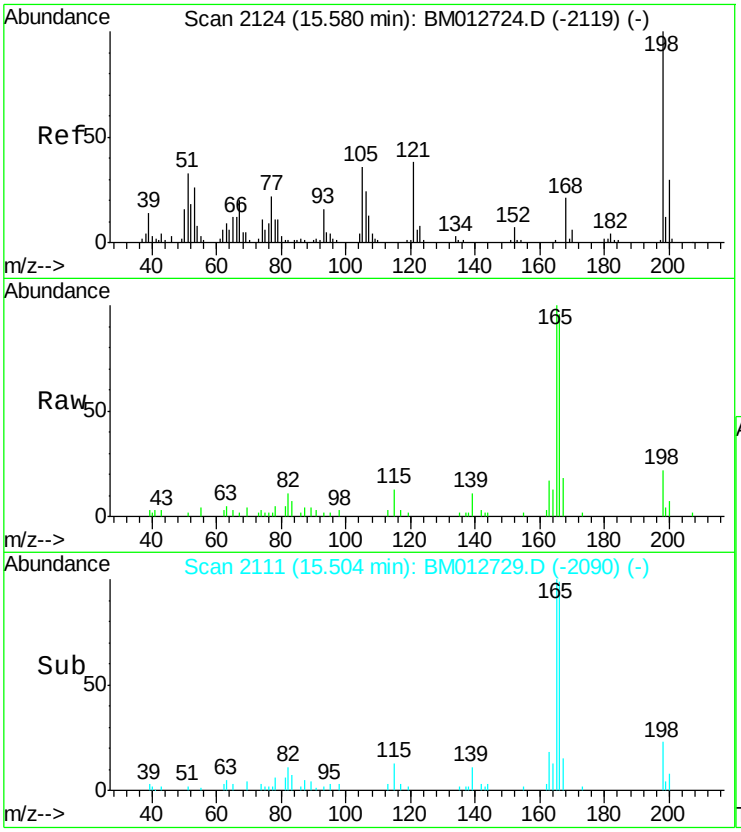


#58
Fluorene
Concen: 1.44 ng/ul
RT: 15.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:166 Resp: 32805

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.5	117.7
167	14.4	10.7	16.1



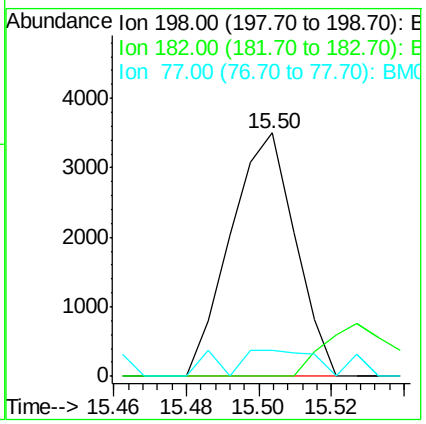


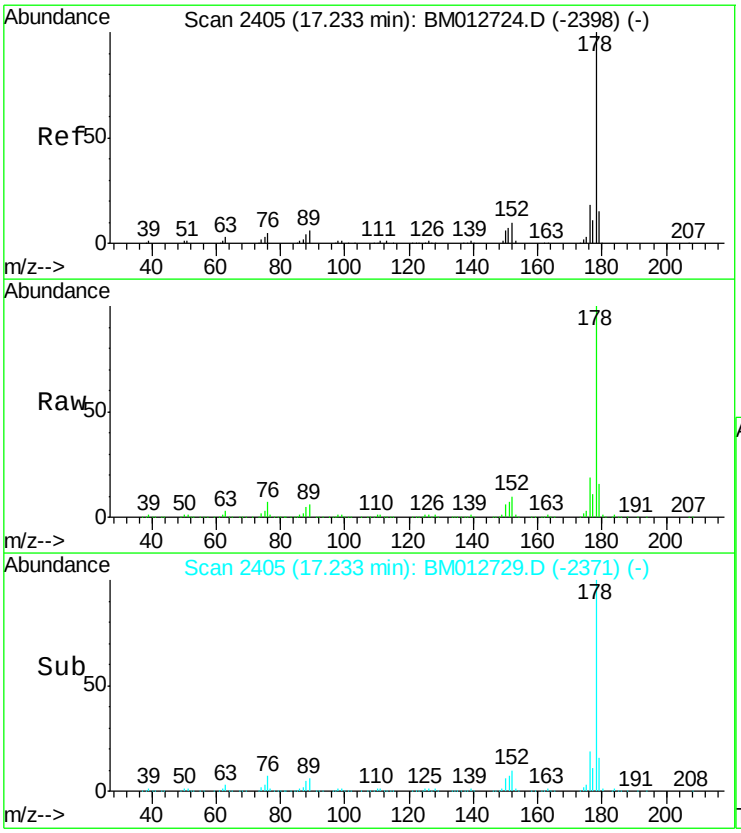
#63
4,6-Dinitro-2-methylphenol
Concen: 1.02 ng/ul
RT: 15.50 min Scan# 2111
Delta R.T. -0.08 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:198 Resp: 4336

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.1	4.7#
77	10.7	20.1	30.1#

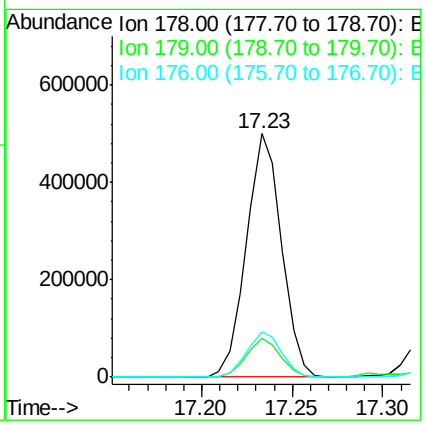


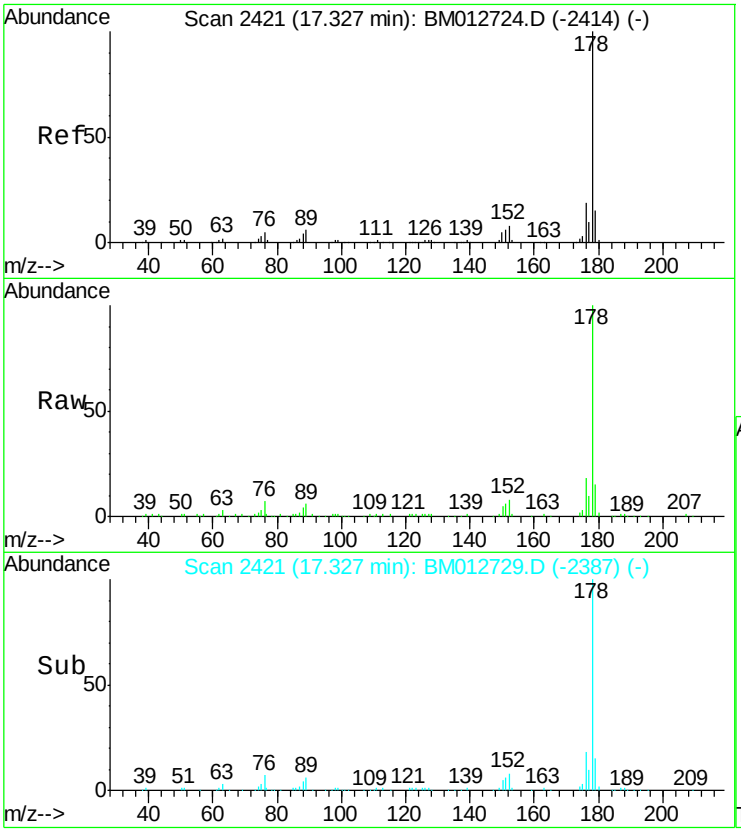


#69
Phenanthrene
Concen: 20.10 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:178 Resp: 672608

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.5	15.6	23.4



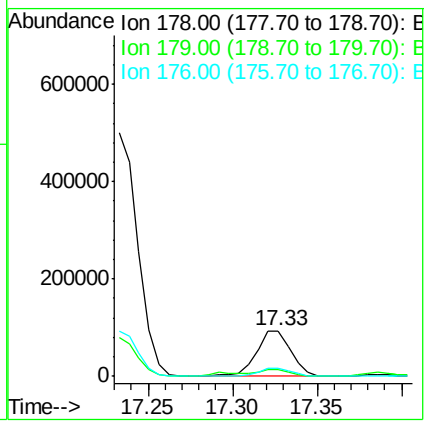


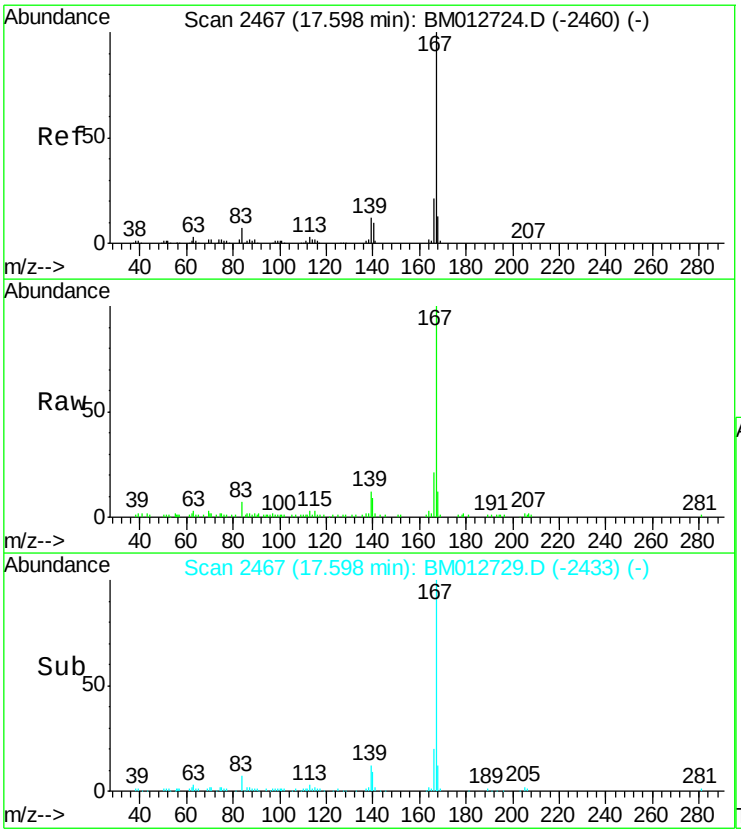
#71
Anthracene
Concen: 3.82 ng/ul
RT: 17.33 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:178 Resp: 132642

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	17.5	14.8	22.2

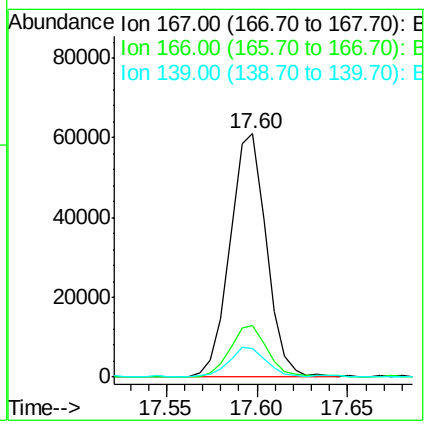


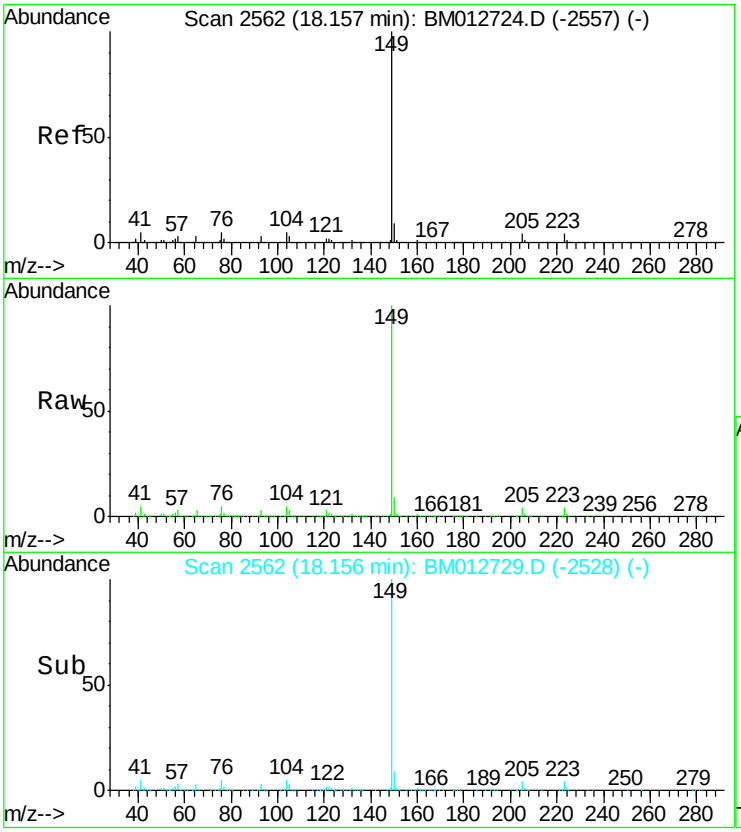


#74
Carbazole
Concen: 2.95 ng/ul
RT: 17.60 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:167 Resp: 85301

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	11.5	11.0	16.4



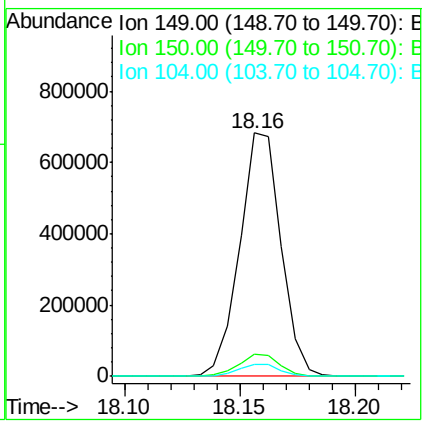


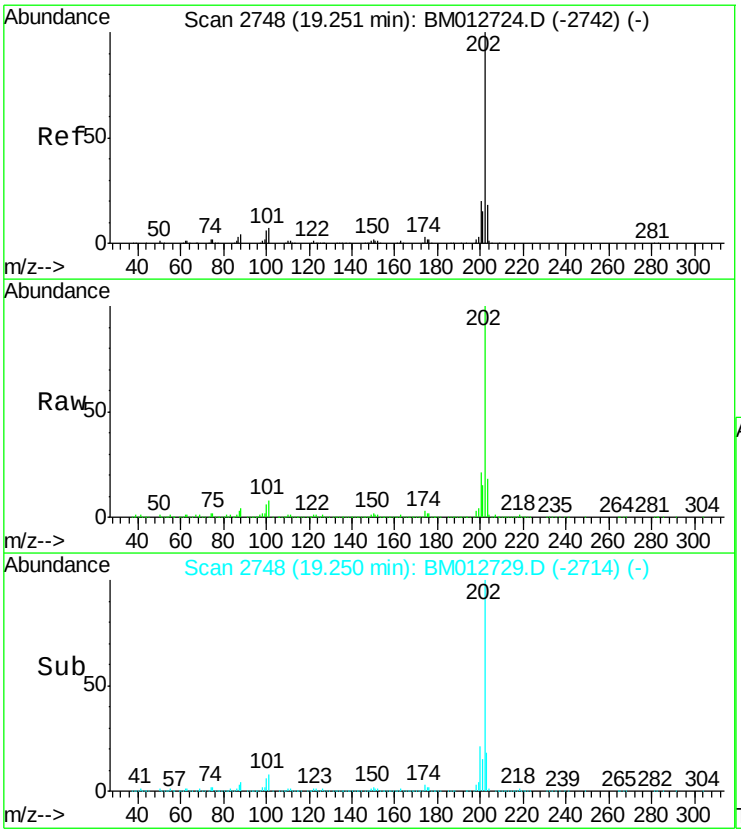
#75
Di-n-butylphthalate
Concen: 25.14 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:149 Resp: 852297

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.9	4.0	6.0

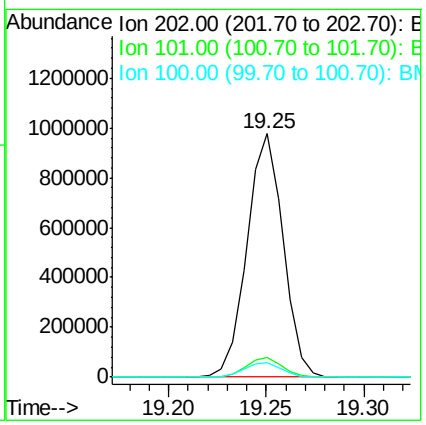


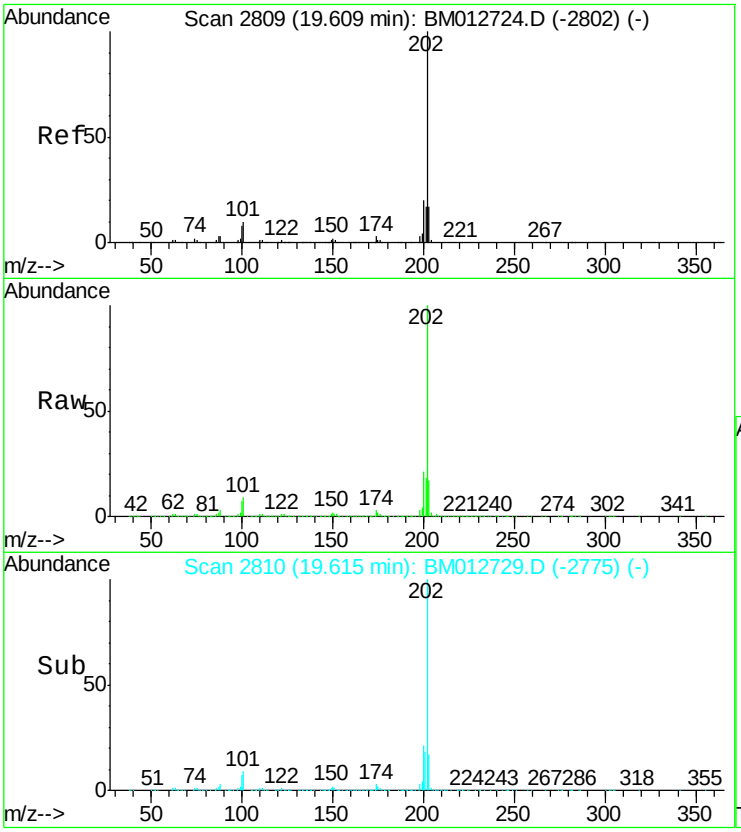


#76
Fluoranthene
Concen: 31.03 ng/ul
RT: 19.25 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:202 Resp: 1247797

Ion	Ratio	Lower	Upper
202	100		
101	8.0	8.8	13.2#
100	5.7	6.6	9.8#



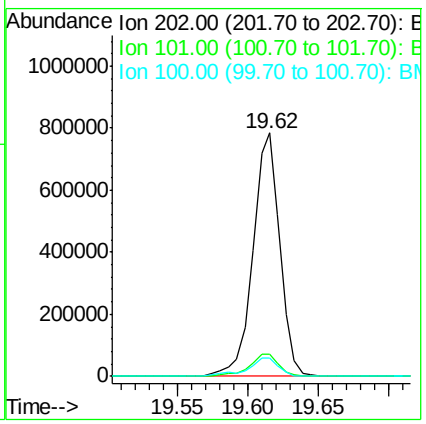


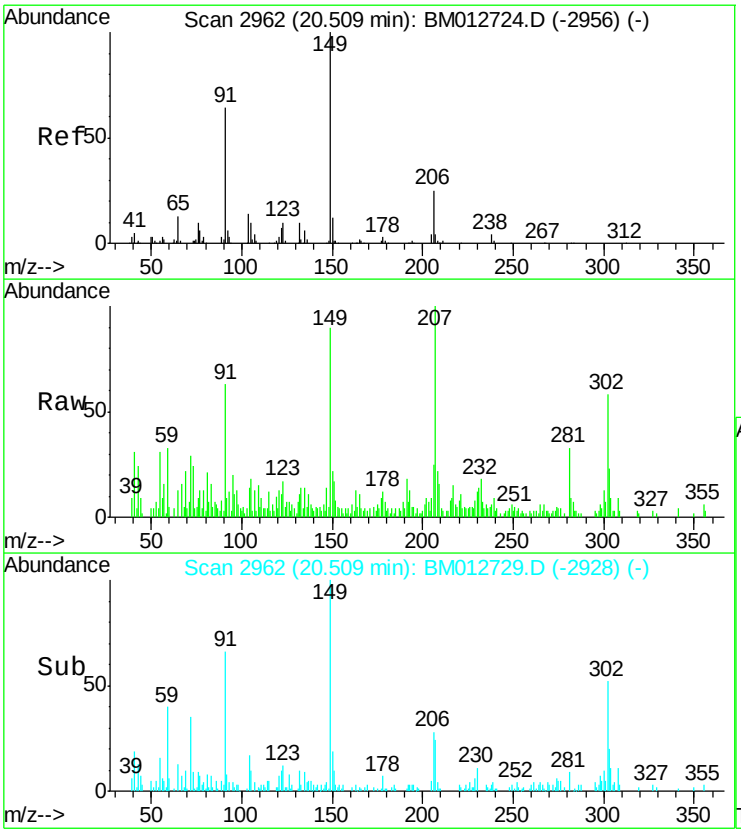
#79
Pyrene
Concen: 32.44 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:202 Resp: 1046049

Ion	Ratio	Lower	Upper
202	100		
101	8.9	10.2	15.2#
100	7.3	8.5	12.7#

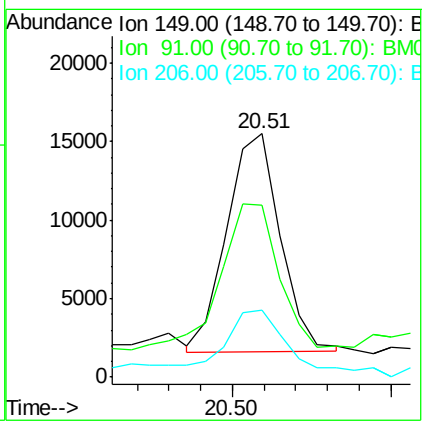


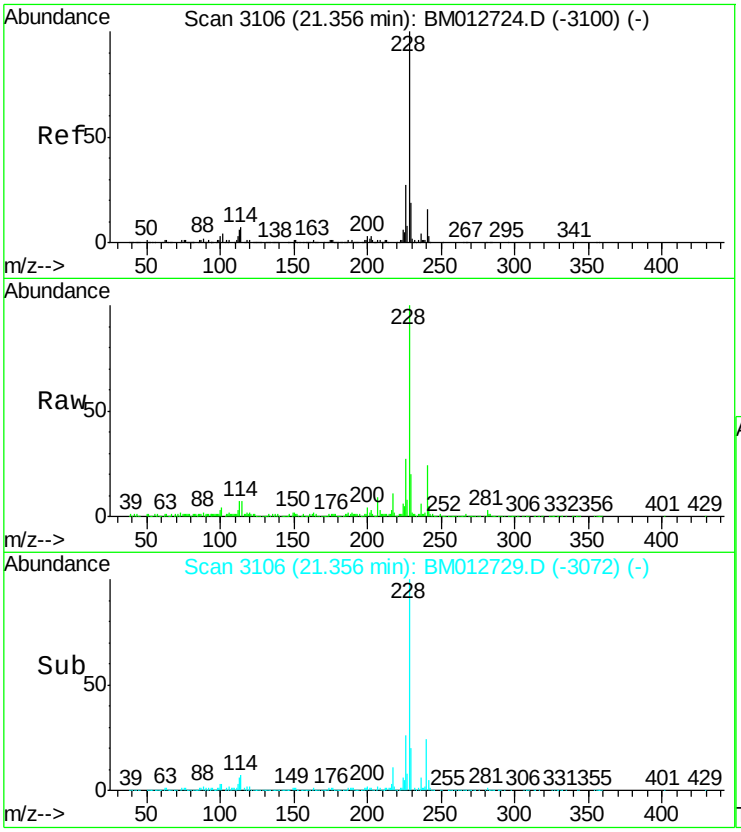


#80
Butylbenzylphthalate
Concen: 1.39 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:149 Resp: 16307

Ion	Ratio	Lower	Upper
149	100		
91	70.8	53.4	80.2
206	27.7	16.6	24.8#



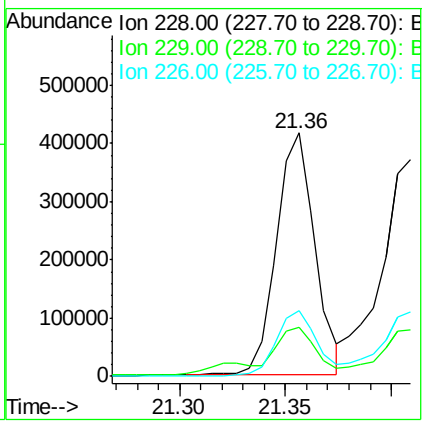


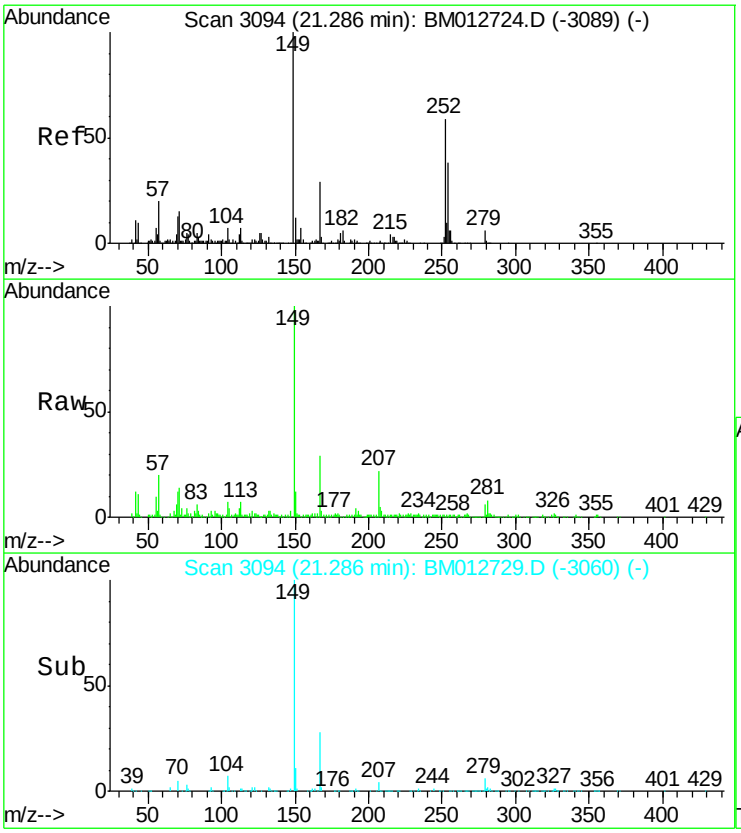
#82
Benzo(a)anthracene
Concen: 16.20 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:228 Resp: 529650

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	26.7	21.8	32.6

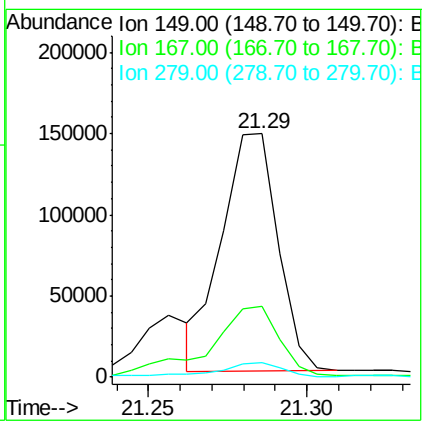


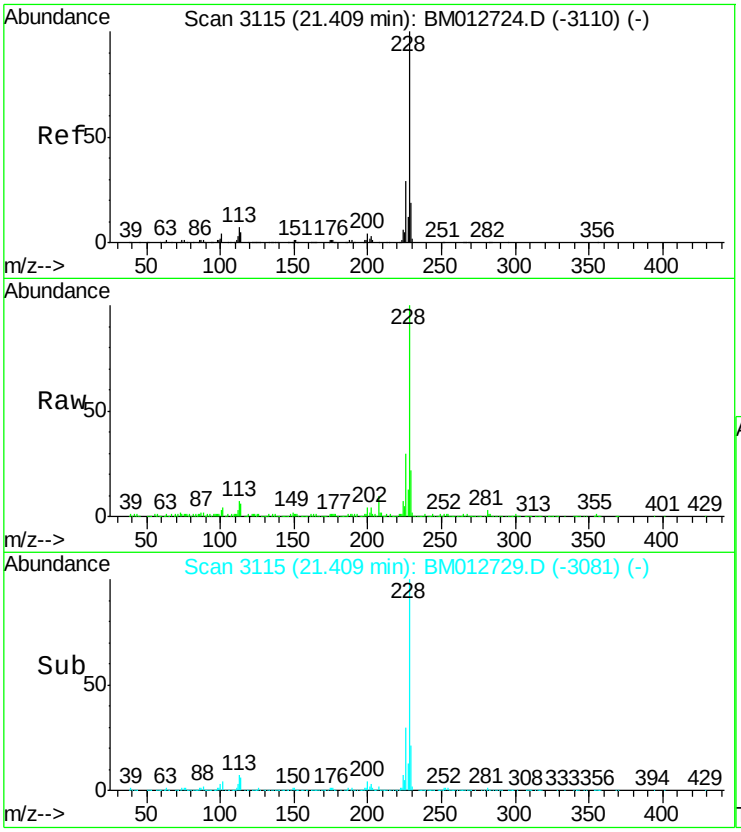


#83
Bis(2-ethylhexyl)phthalate
Concen: 10.50 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:149 Resp: 179893

Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.6	32.4
279	6.1	3.0	4.4#



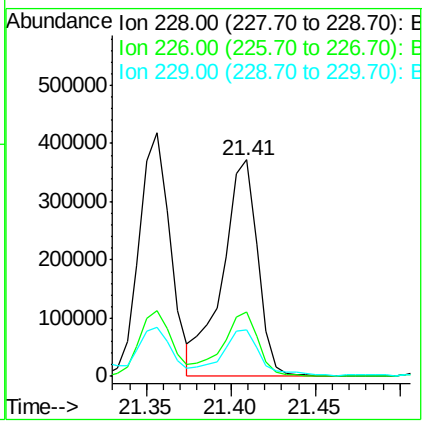


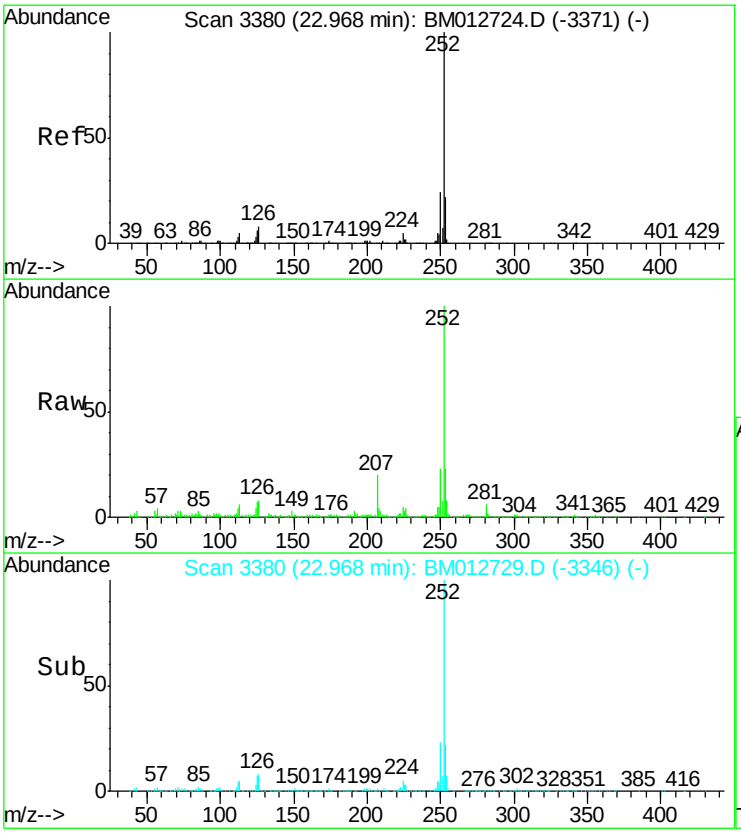
#84
Chrysene
Concen: 18.14 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:228 Resp: 537516

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.6	15.6	23.4

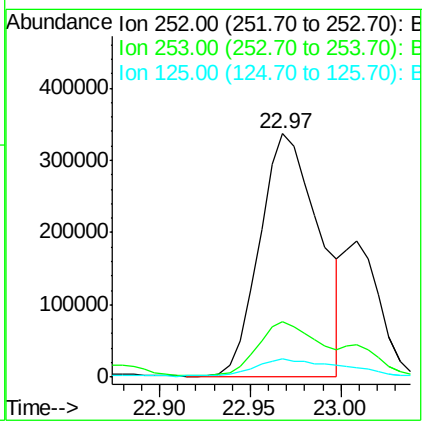


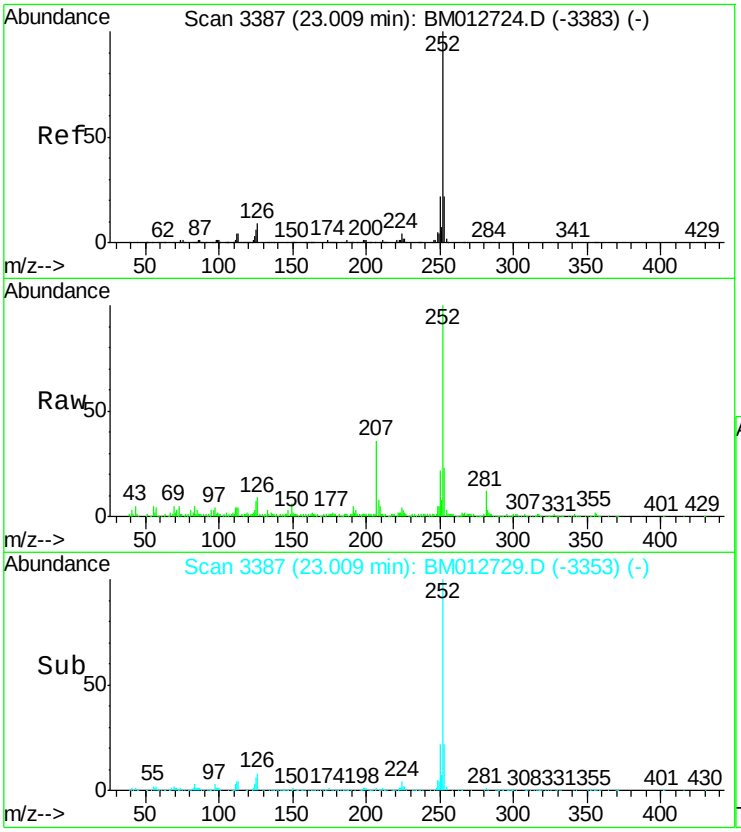


#87
Benzo(b)fluoranthene
Concen: 22.33 ng/ul
RT: 22.97 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:252 Resp: 765221

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	7.3	8.5	12.7#



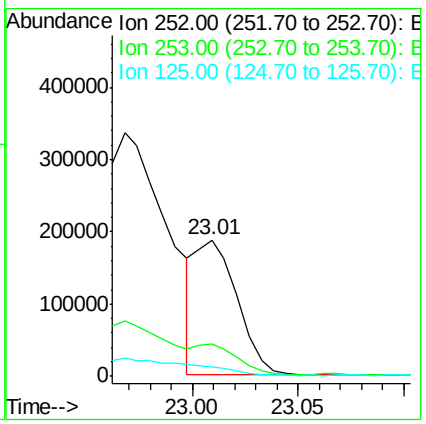


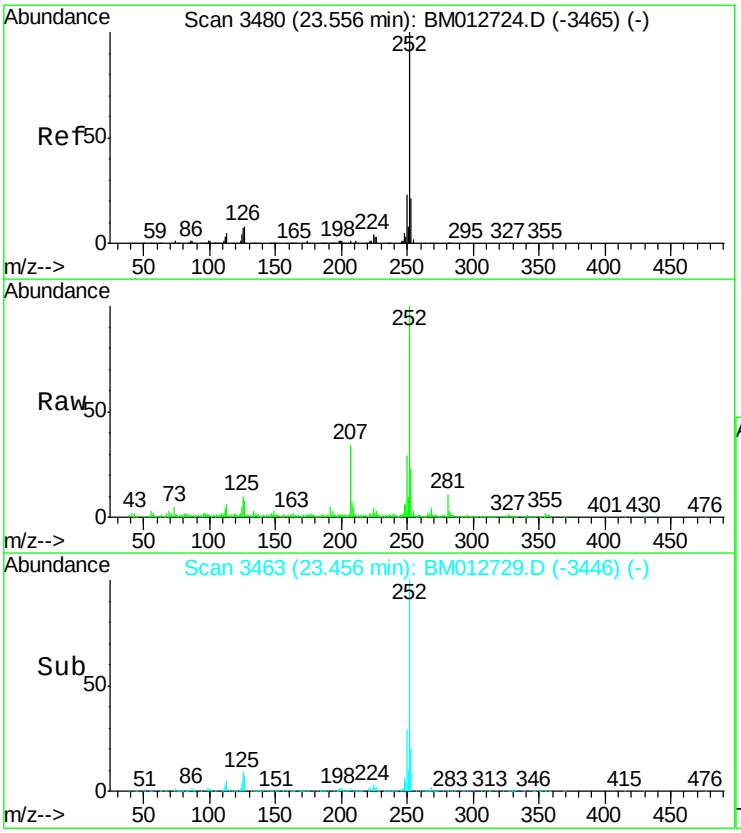
#88
Benzo(k)fluoranthene
Concen: 7.77 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:252 Resp: 252892

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	7.3	8.2	12.2#

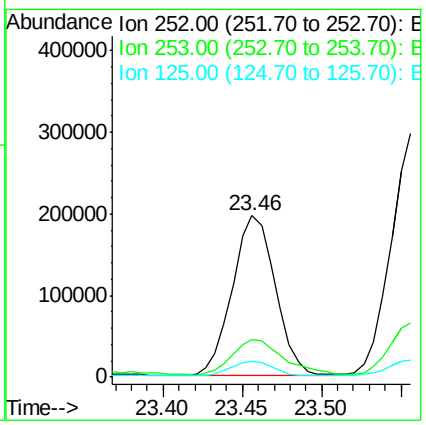


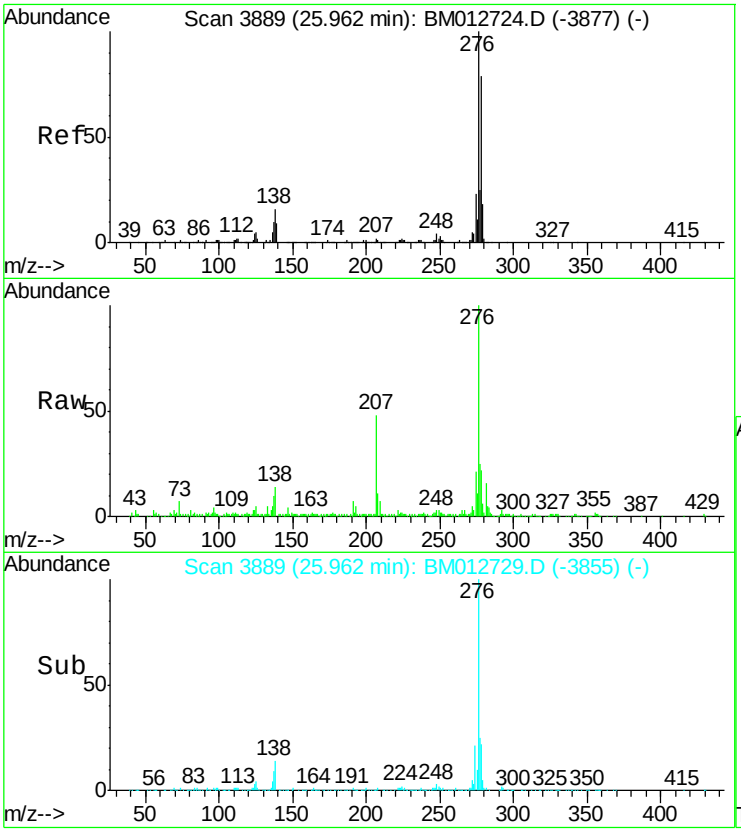


#90
Benzo(a)pyrene
Concen: 11.38 ng/ul
RT: 23.46 min Scan# 3463
Delta R.T. -0.10 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:252 Resp: 371091

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	9.8	9.0	13.6



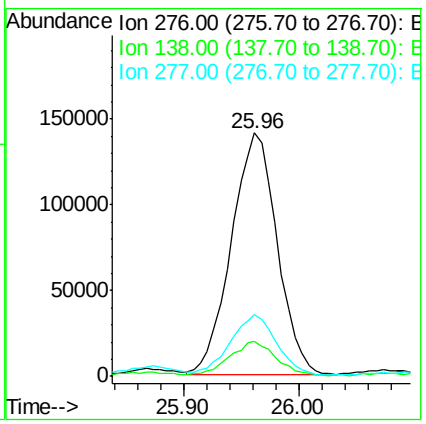


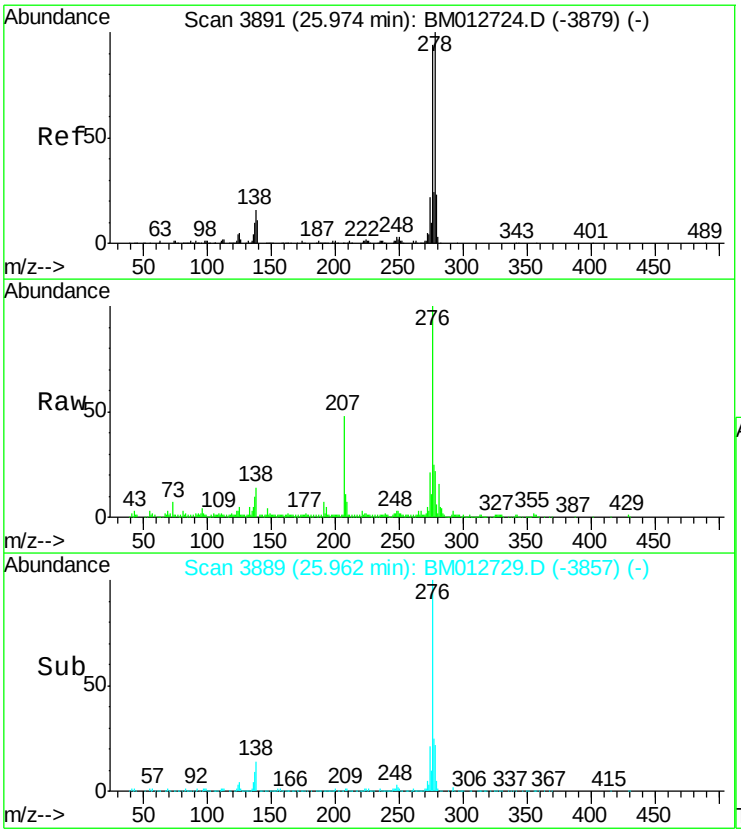
#91
Indeno(1,2,3-cd)pyrene
Concen: 9.88 ng/ul
RT: 25.96 min Scan# 3889
Delta R.T. -0.00 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:276 Resp: 388314

Ion	Ratio	Lower	Upper
276	100		
138	14.2	22.3	33.5#
277	25.4	20.2	30.2

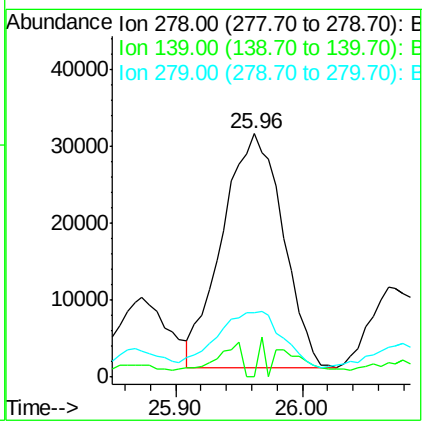


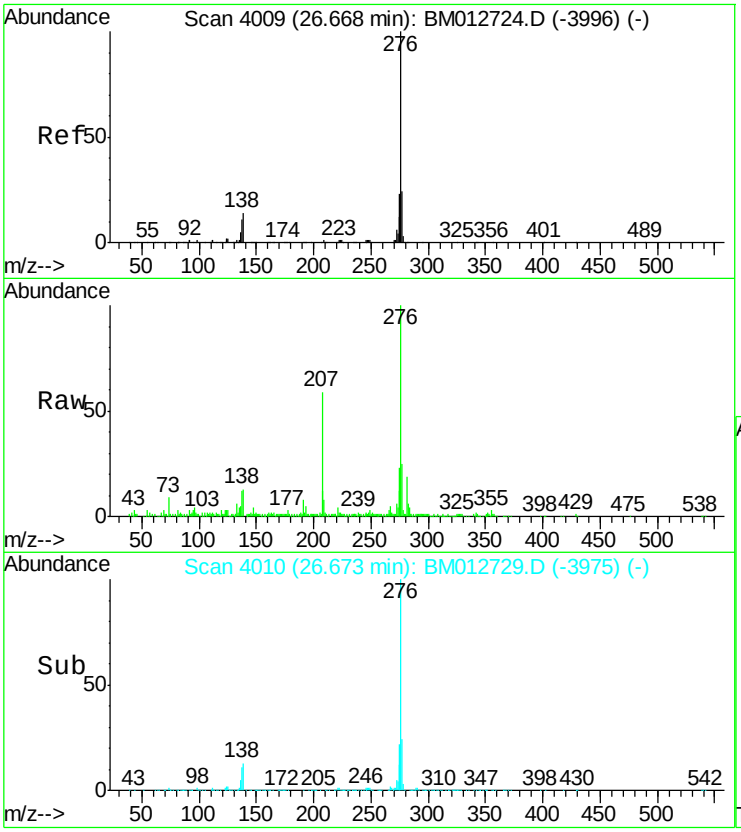


#92
Dibenzo(a,h)anthracene
Concen: 3.03 ng/ul
RT: 25.96 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Tgt Ion:278 Resp: 100645

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	26.6	19.0	28.4





#93
Benzo(g,h,i)perylene
Concen: 11.09 ng/ul
RT: 26.67 min Scan# 4010
Delta R.T. 0.01 min
Lab File: BM012729.D
Acq: 05 Nov 2017 04:17

Instrument :
BNA_M
ClientSampleId :
B-62(0-1)-101117

Tgt Ion:276 Resp: 359140

Ion	Ratio	Lower	Upper
276	100		
138	13.5	18.9	28.3#
277	24.5	19.2	28.8