Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080517\
Data File : BM011139.D
Acq On : 05 Aug 2017 13:17
Operator : SJ/JU
Sample : PB101225BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB101225BL

Quant Time: Aug 06 01:16:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	207491	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	681121	20.00	ng	-0.08
38) Acenaphthene-d10	13.99	164	118330	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	497148	20.00	ng	-0.07
75) Chrysene-d12	20.95	240	811	20.00	ng	-0.08
86) Perylene-d12	23.05	264	140	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1655610	134.88	ng	-0.07
7) Phenol-d6	6.52	99	968126	55.51	ng	-0.08
23) Nitrobenzene-d5	8.46	82	1990512	109.68	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	984539	519.11	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3390727	359.37	ng	-0.07
78) Terphenyl-d14	19.41	244	16335	398.98	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	79471	7.043	ng	# 1
15) Benzyl Alcohol	7.63	79	34521	2.063	ng	# 24
76) Benzidine	19.00	184	628	32.369	ng	# 1
77) Pyrene	19.12	202	154	3.196	ng	# 1
79) Butylbenzylphthalate	20.12	149	6494	378.974	ng	# 49
80) Benzo(a)anthracene	20.86	228	202	4.362	ng	# 51
81) 3,3'-Dichlorobenzidine	20.87	252	3269	179.948	ng	# 53
82) Chrysene	21.00	228	812	18.267	ng	# 28
83) Bis(2-ethylhexyl)phthalate	20.89	149	989	39.232	ng	# 52
84) Di-n-octyl phthalate	21.73	149	1126	27.521	ng	# 1
85) Indeno(1,2,3-cd)pyrene	25.20	276	188	4.084	ng	# 1
87) Benzo(b)fluoranthene	22.44	252	1480	164.711	ng	# 1
88) Benzo(k)fluoranthene	22.46	252	2298	266.834	ng	# 1
89) Benzo(a)pyrene	22.97	252	1070	131.602	ng	# 17
90) Dibenzo(a,h)anthracene	25.13	278	251	33.301	ng	# 1
91) Benzo(g,h,i)perylene	25.76	276	146	19.726	ng	# 1

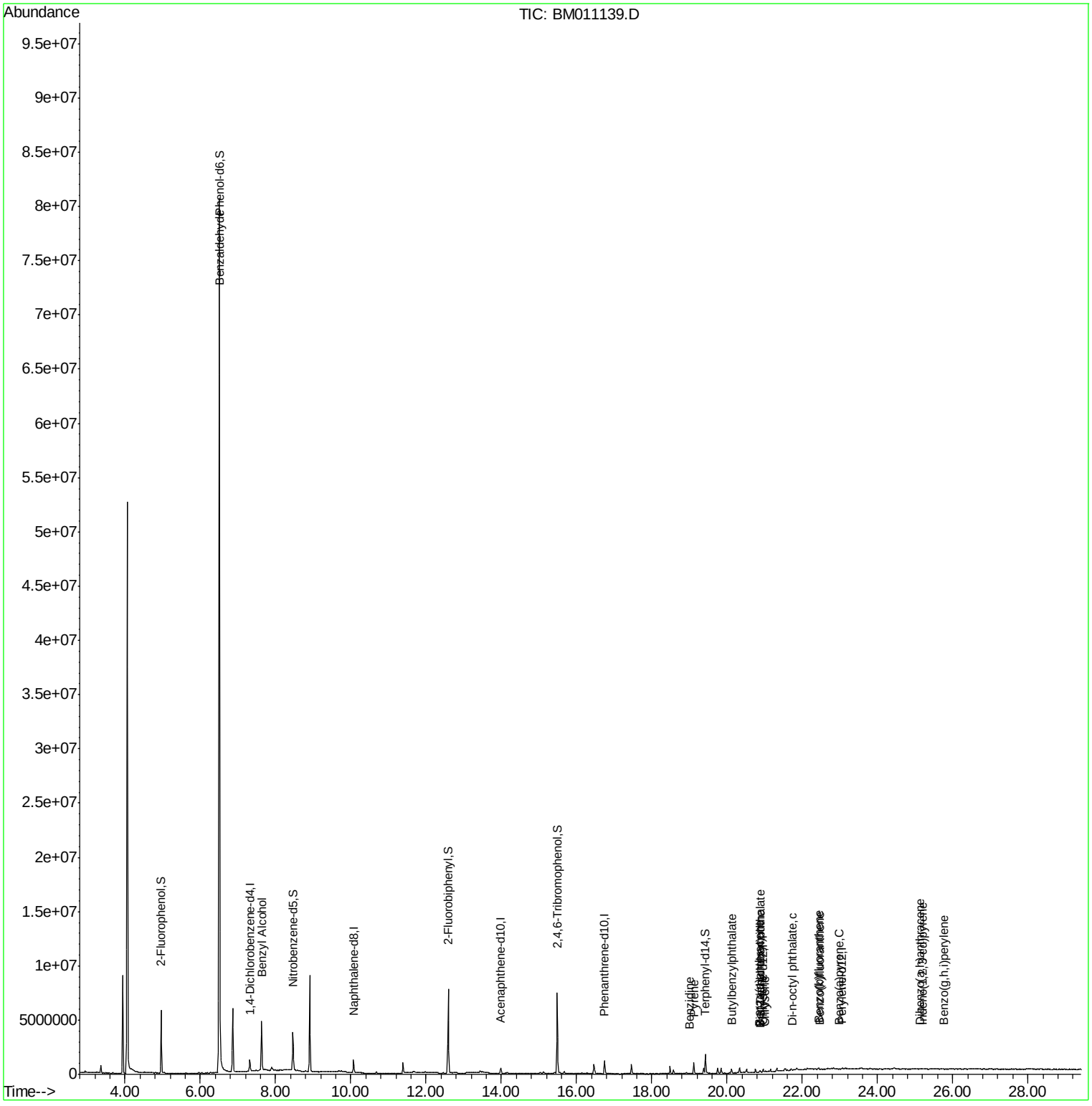
(#) = qualifier out of range (m) = manual integration (+) = signals summed

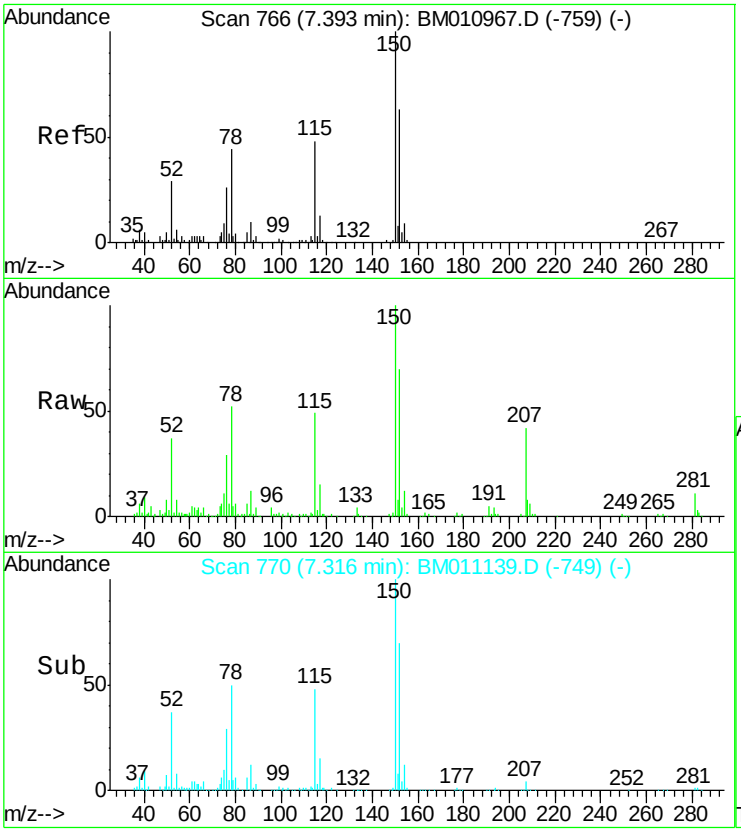
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080517\
Data File : BM011139.D
Acq On : 05 Aug 2017 13:17
Operator : SJ/JU
Sample : PB101225BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Quant Time: Aug 06 01:16:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration



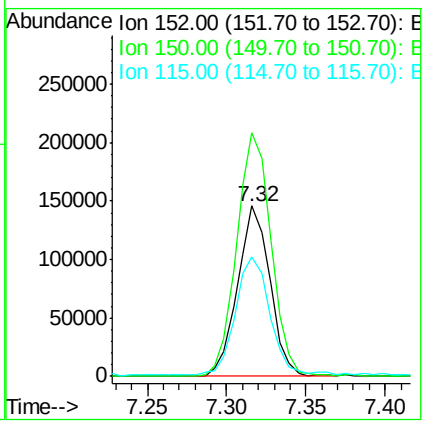


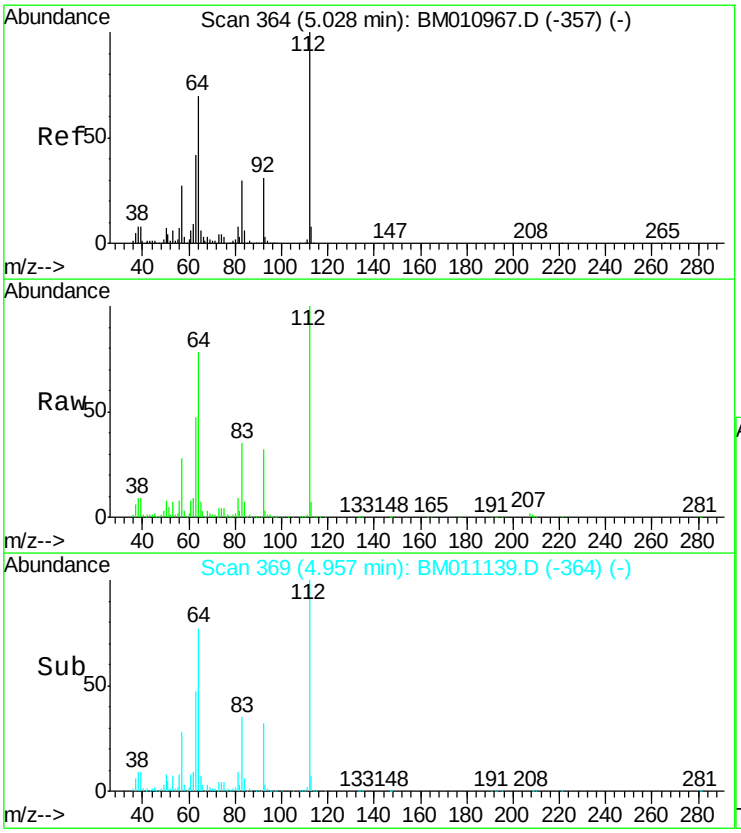
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:152 Resp: 207491

Ion	Ratio	Lower	Upper
152	100		
150	142.9	119.5	179.3
115	70.3	43.0	64.4#

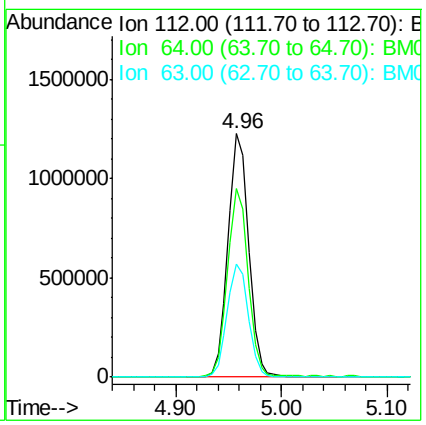


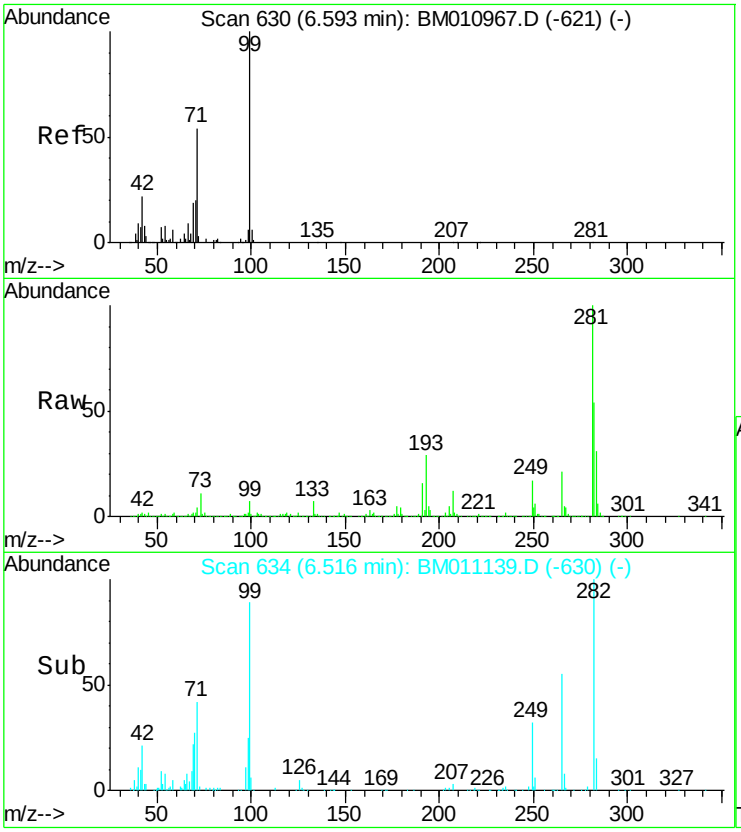


#5
2-Fluorophenol
Concen: 134.883 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:112 Resp: 1655610

Ion	Ratio	Lower	Upper
112	100		
64	77.5	38.6	57.8#
63	46.7	19.3	28.9#



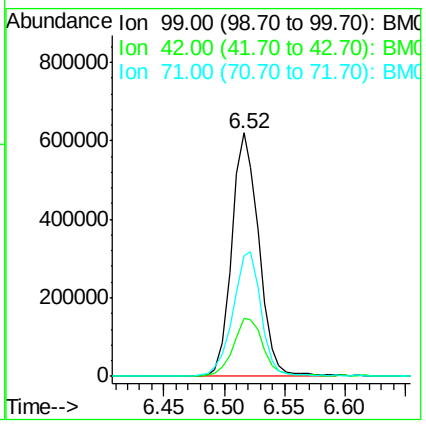


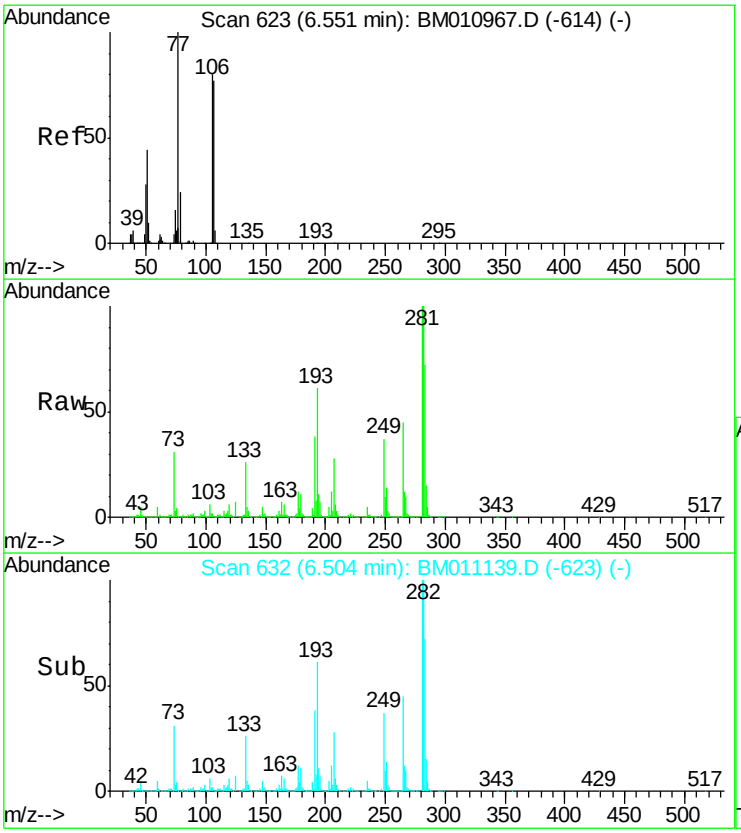
#7
Phenol-d6
Concen: 55.513 ng
RT: 6.52 min Scan# 634
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion: 99 Resp: 968126

Ion	Ratio	Lower	Upper
99	100		
42	23.9	11.0	16.4#
71	49.8	23.4	35.2#

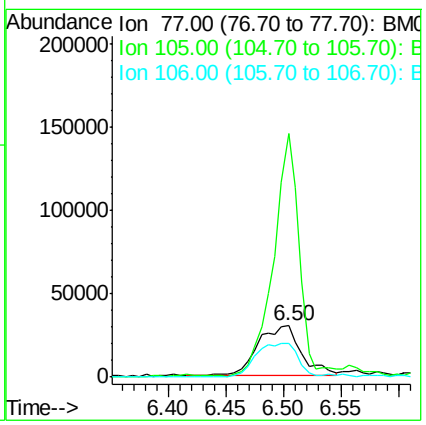


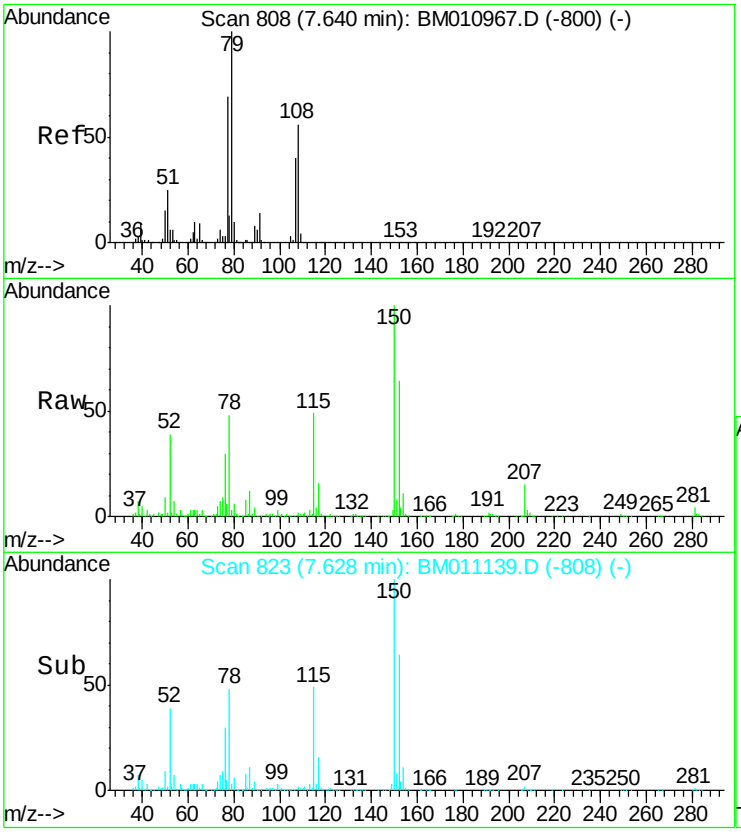


#9
Benzaldehyde
Concen: 7.043 ng
RT: 6.50 min Scan# 632
Delta R.T. -0.05 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion: 77 Resp: 79471

Ion	Ratio	Lower	Upper
77	100		
105	476.1	78.8	118.8#
106	64.9	73.7	113.7#



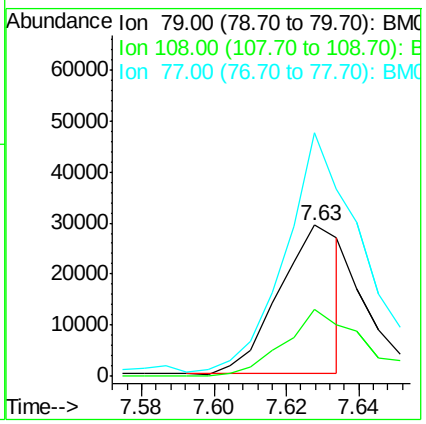


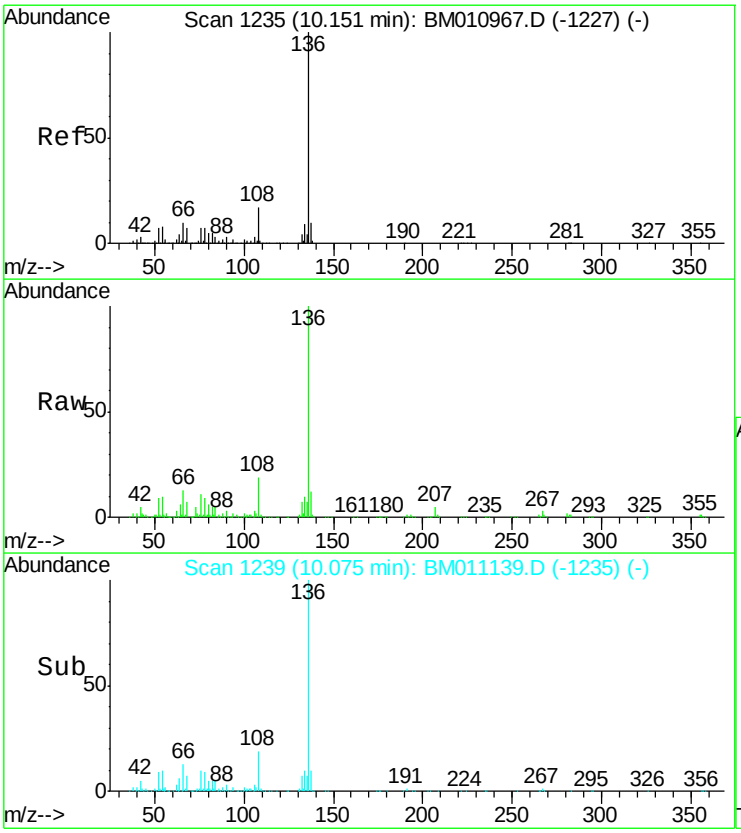
#15
Benzyl Alcohol
Concen: 2.063 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion: 79 Resp: 34521

Ion	Ratio	Lower	Upper
79	100		
108	44.3	65.0	97.4#
77	161.1	53.0	79.6#

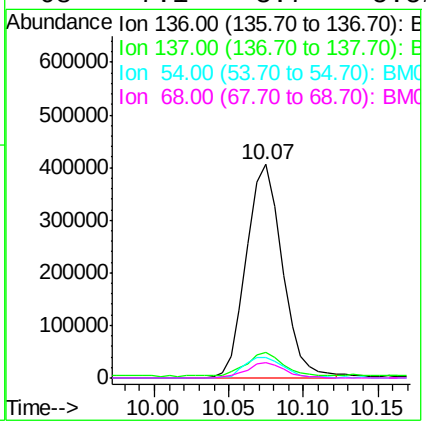


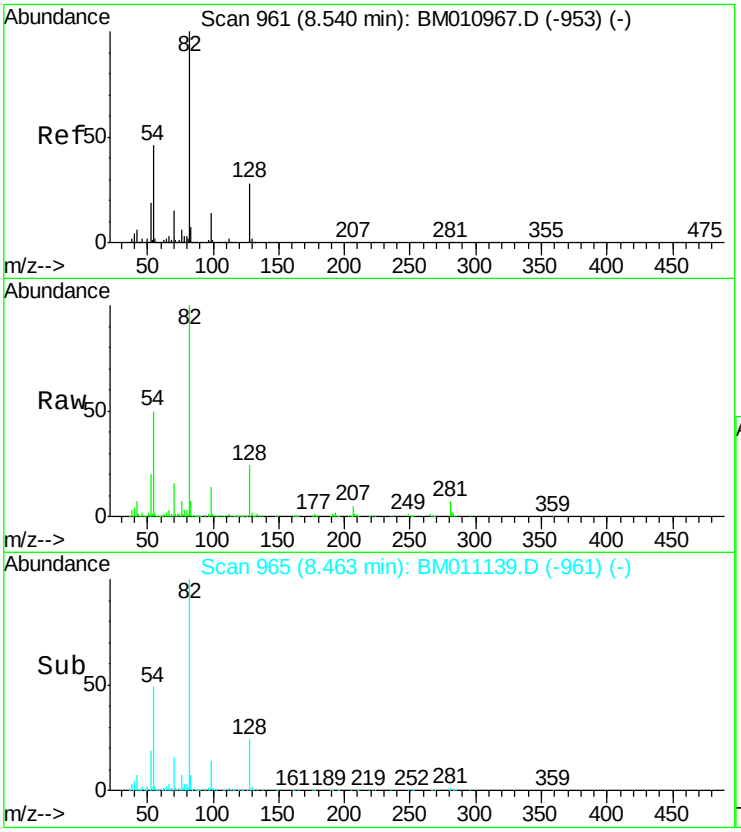


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:136 Resp: 681121

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.7	13.1
54	9.8	4.6	6.8#
68	7.1	3.7	5.5#



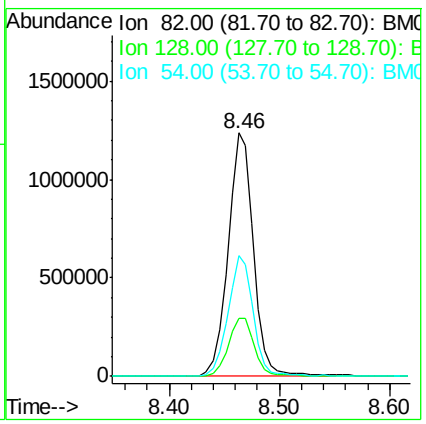


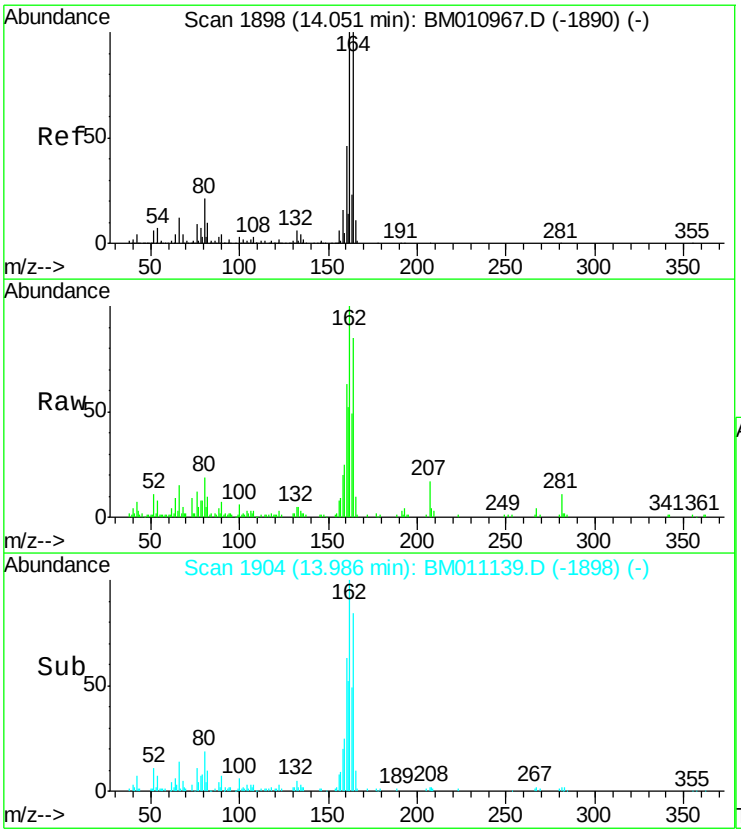
#23
Nitrobenzene-d5
Concen: 109.683 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion: 82 Resp: 1990512

Ion	Ratio	Lower	Upper
82	100		
128	23.8	32.8	49.2#
54	49.6	40.6	60.8

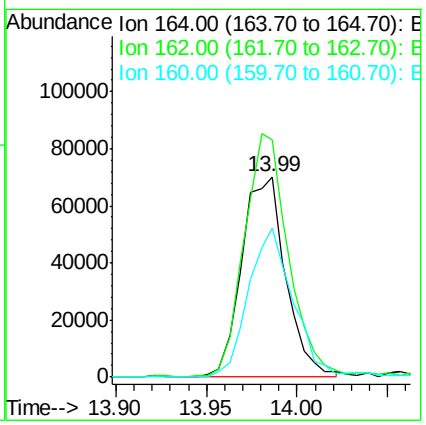


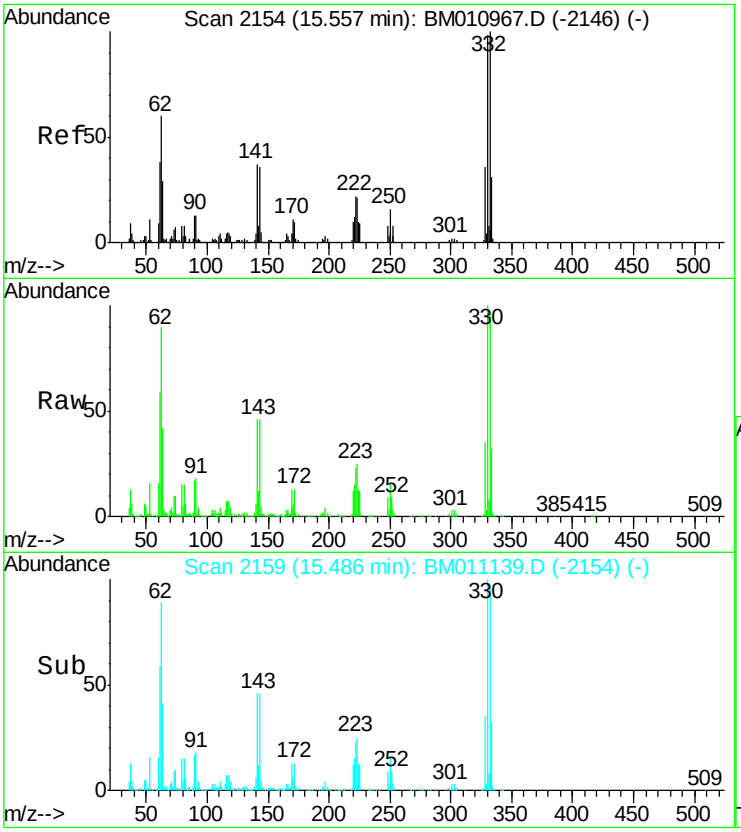


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.99 min Scan# 1904
Delta R.T. -0.06 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:164 Resp: 118330

Ion	Ratio	Lower	Upper
164	100		
162	118.3	82.4	123.6
160	74.3	35.8	53.6#



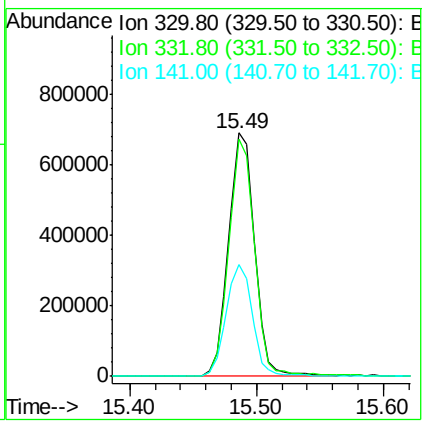


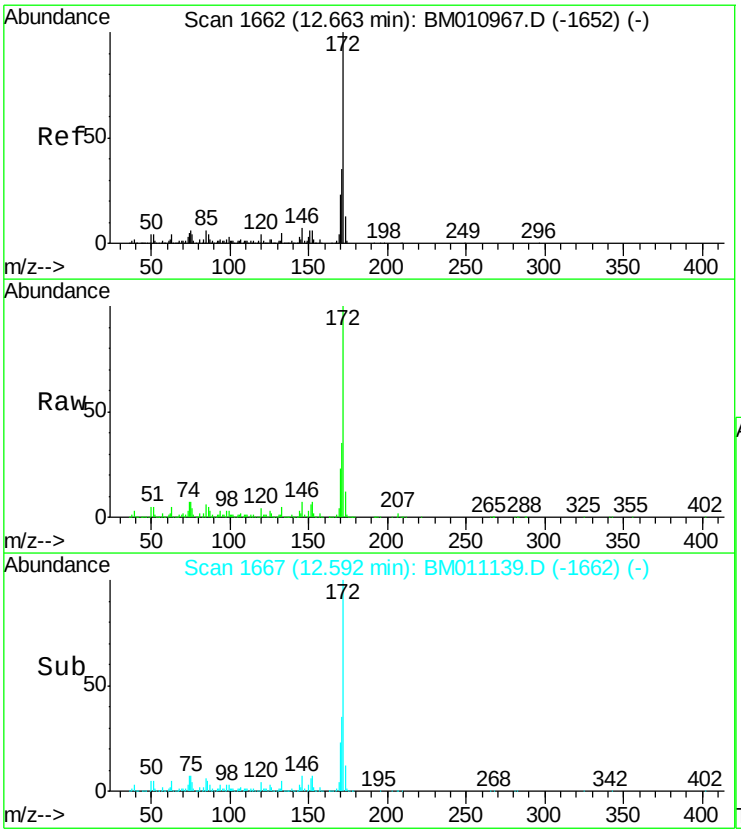
#41
2,4,6-Tribromophenol
Concen: 519.112 ng
RT: 15.49 min Scan# 2159
Delta R.T. -0.07 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:330 Resp: 984539

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	46.6	0.0	0.0#

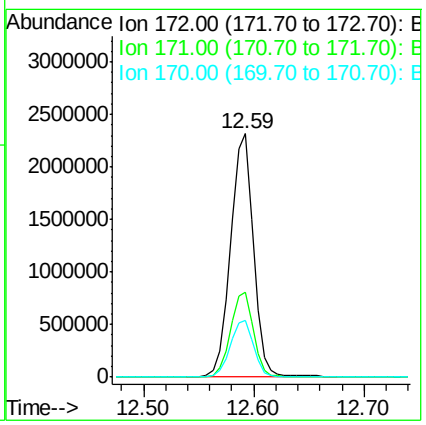


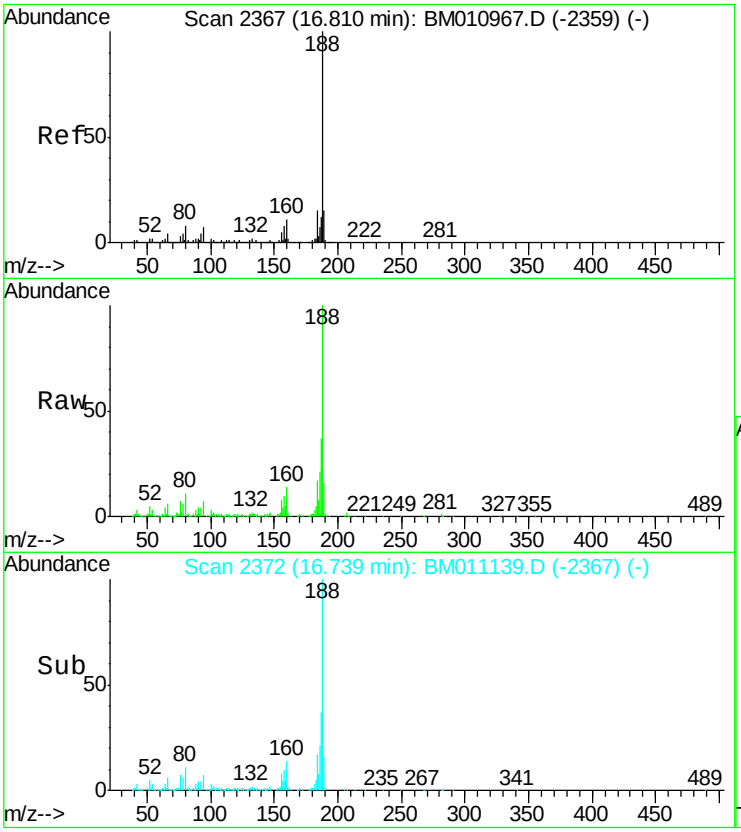


#44
2-Fluorobiphenyl
Concen: 359.371 ng
RT: 12.59 min Scan# 1667
Delta R.T. -0.07 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:172 Resp: 3390727

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.3	18.8	28.2



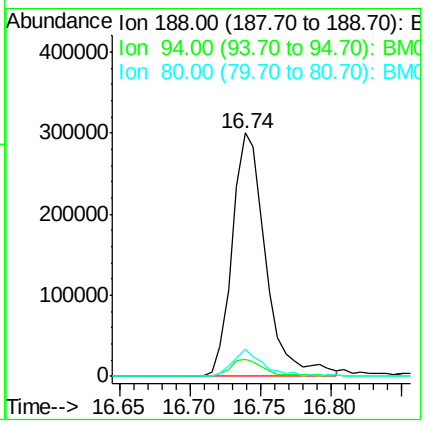


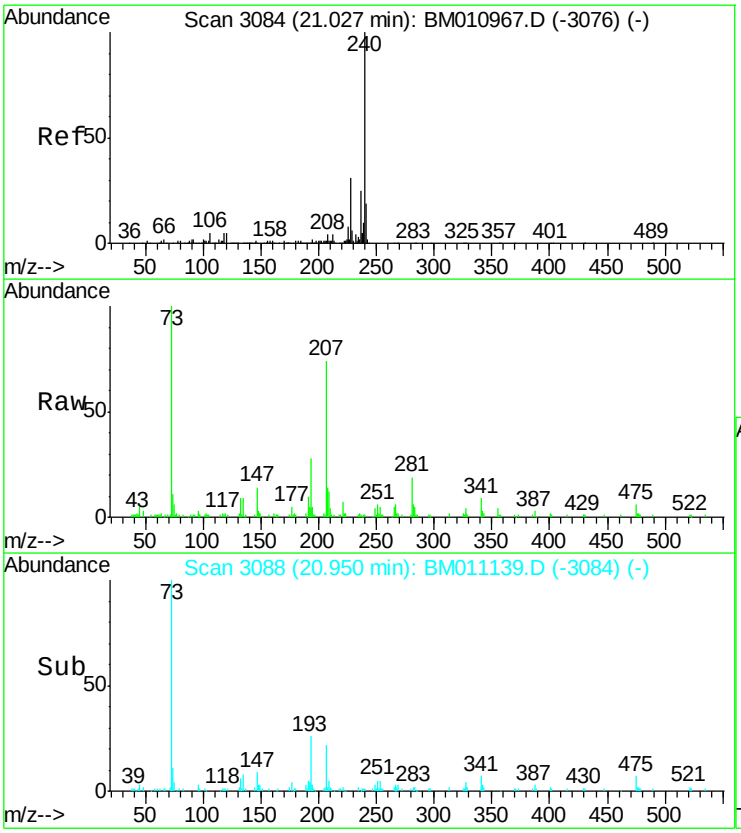
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:188 Resp: 497148

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	11.2	9.3	13.9

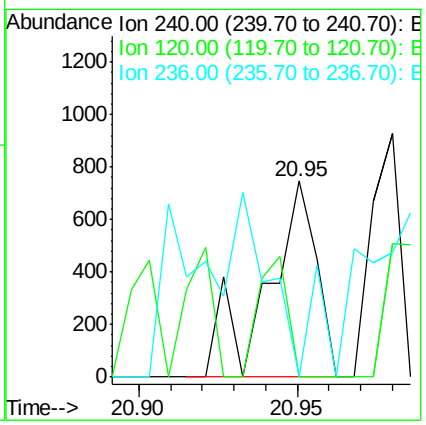


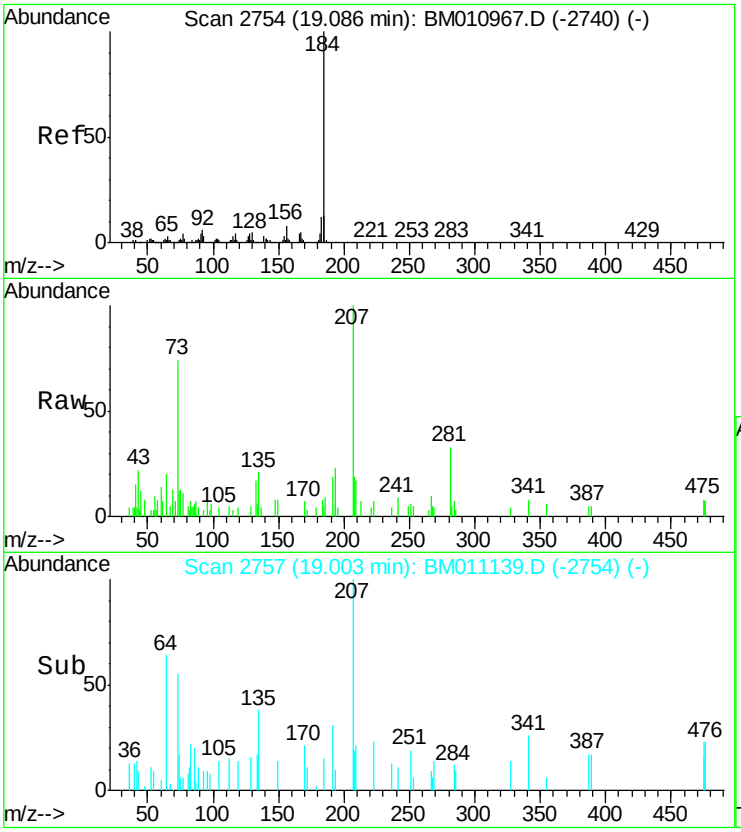


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.95 min Scan# 3088
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:240 Resp: 811

Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.2	12.2#
236	0.0	20.0	30.0#



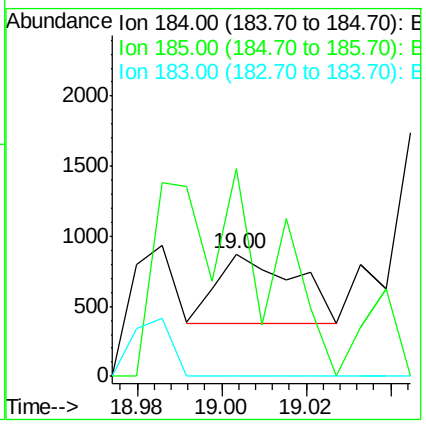


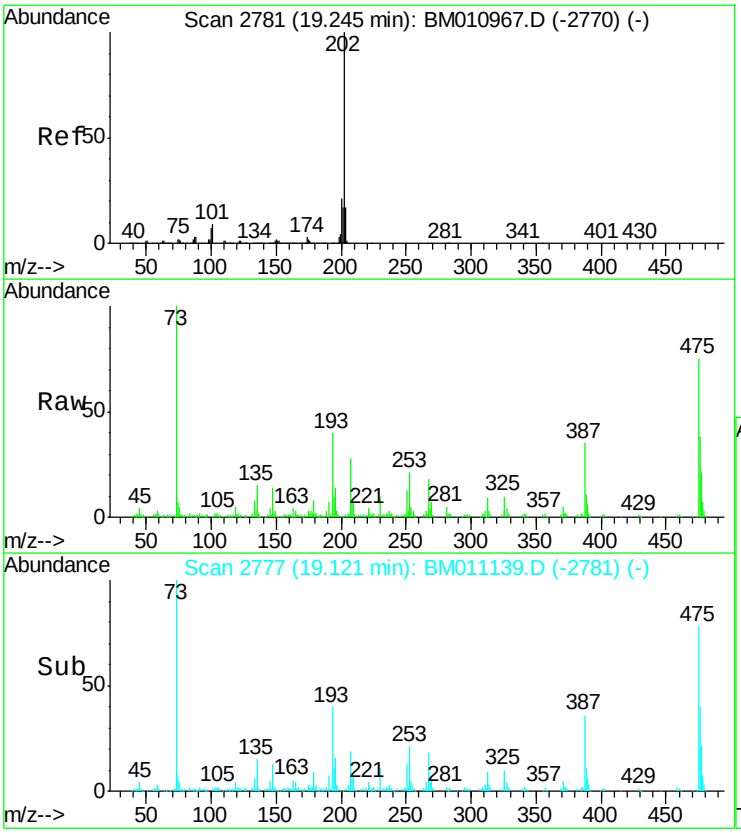
#76
Benzidine
Concen: 32.369 ng
RT: 19.00 min Scan# 2757
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:184 Resp: 628

Ion	Ratio	Lower	Upper
184	100		
185	170.3	11.3	16.9#
183	0.0	8.9	13.3#

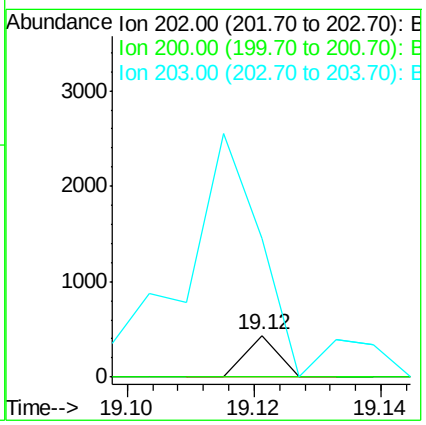


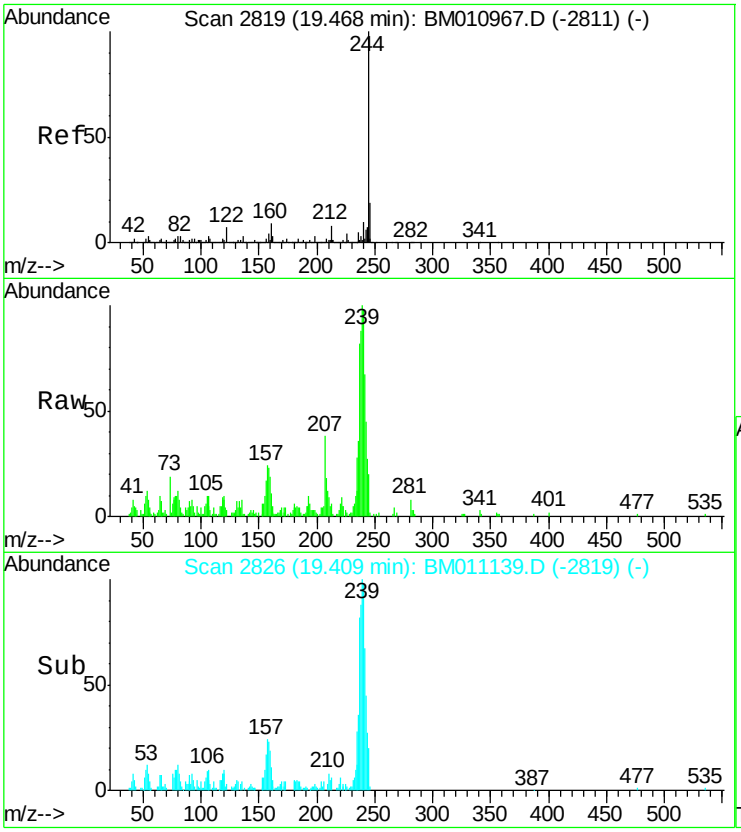


#77
Pyrene
Concen: 3.196 ng
RT: 19.12 min Scan# 2777
Delta R.T. -0.12 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:202 Resp: 154

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	332.3	14.1	21.1#



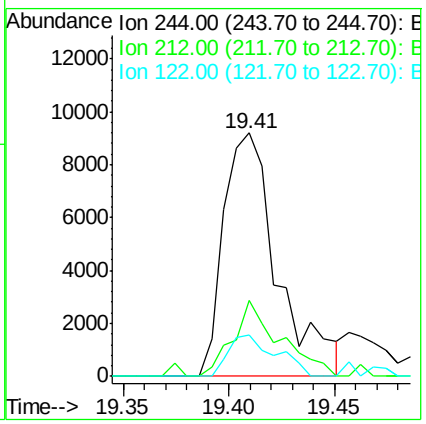


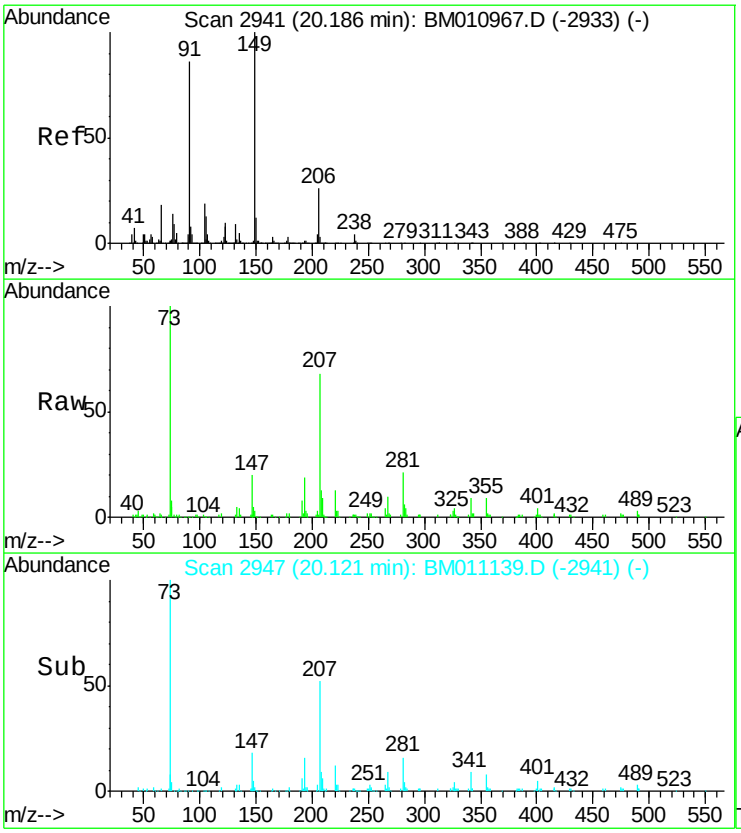
#78
Terphenyl-d14
Concen: 398.983 ng
RT: 19.41 min Scan# 2826
Delta R.T. -0.06 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:244 Resp: 16335

Ion	Ratio	Lower	Upper
244	100		
212	31.3	4.9	7.3#
122	16.8	6.2	9.4#

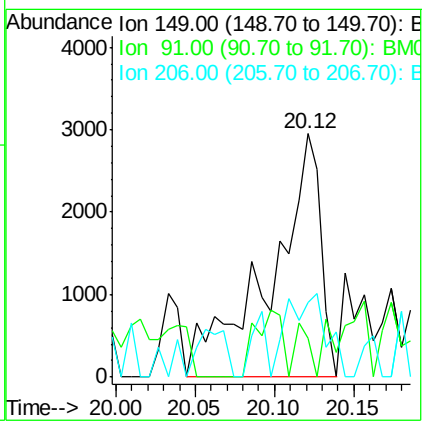


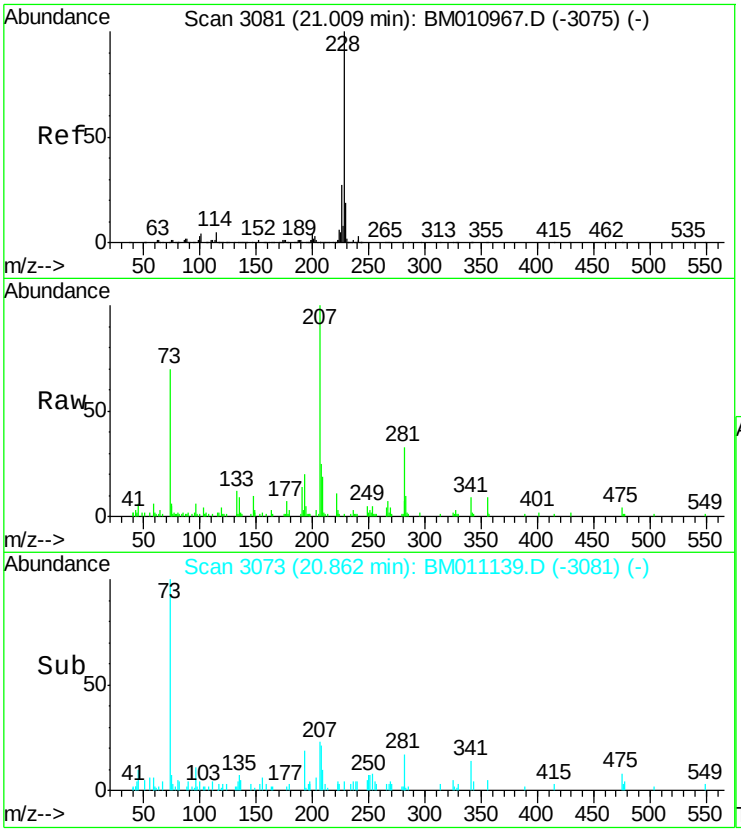


#79
Butylbenzylphthalate
Concen: 378.974 ng
RT: 20.12 min Scan# 2947
Delta R.T. -0.06 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:149 Resp: 6494

Ion	Ratio	Lower	Upper
149	100		
91	15.9	50.1	75.1#
206	30.4	16.2	24.2#



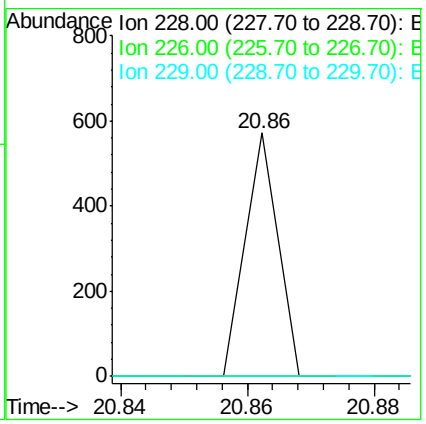


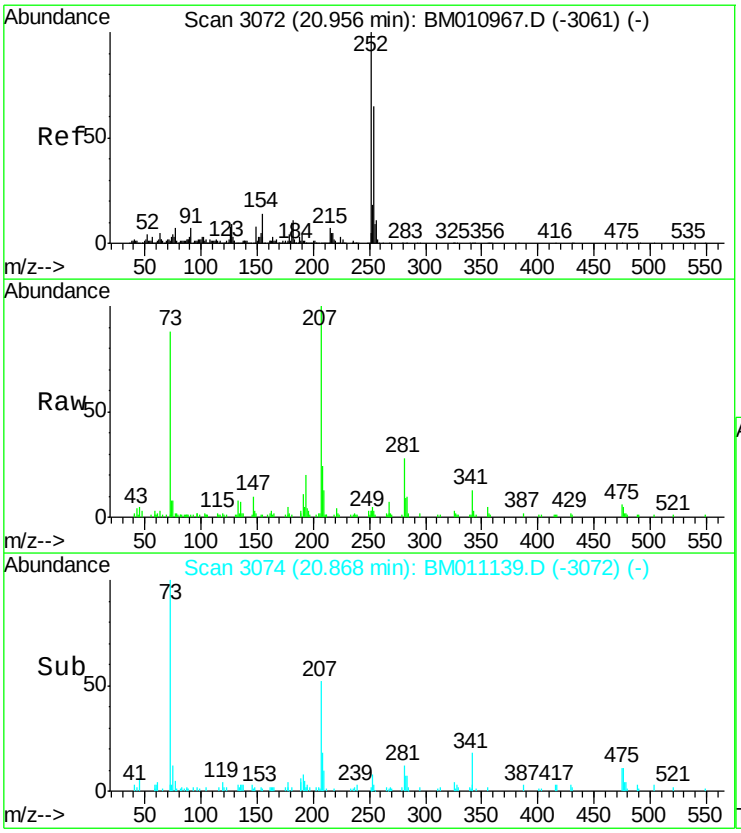
#80
Benzo(a)anthracene
Concen: 4.362 ng
RT: 20.86 min Scan# 3073
Delta R.T. -0.15 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:228 Resp: 202

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.7	32.5#
229	0.0	16.0	24.0#

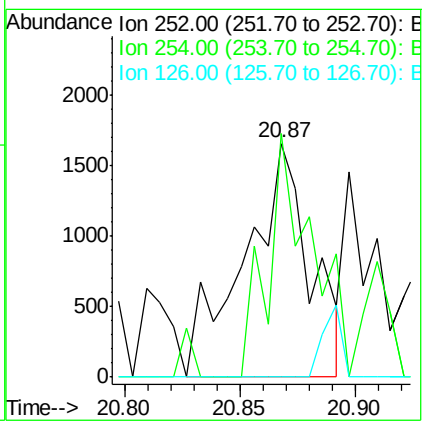


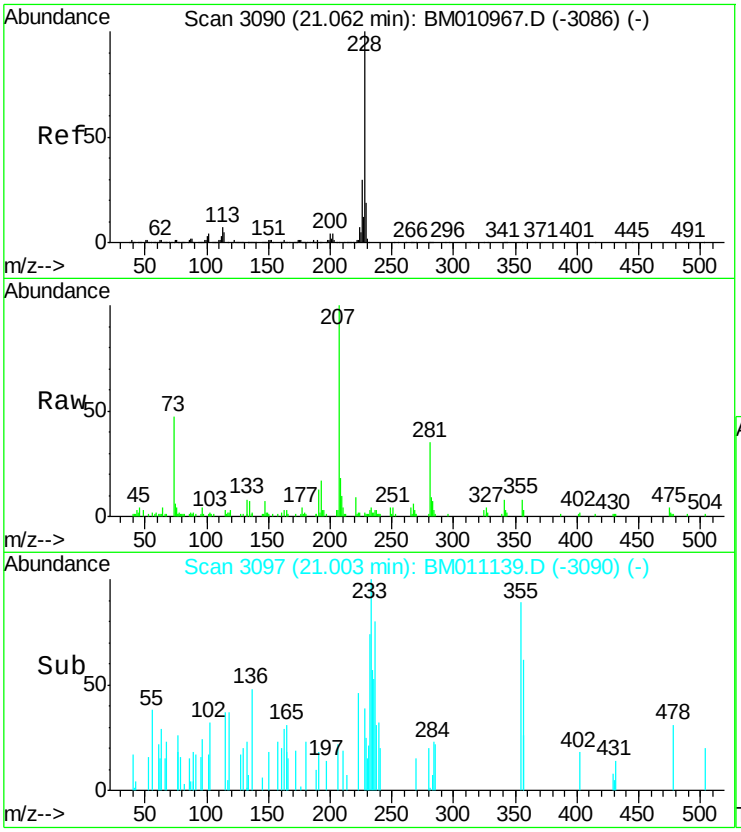


#81
3,3'-Dichlorobenzidine
Concen: 179.948 ng
RT: 20.87 min Scan# 3074
Delta R.T. -0.09 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:252 Resp: 3269

Ion	Ratio	Lower	Upper
252	100		
254	104.2	51.9	77.9#
126	0.0	9.8	14.8#



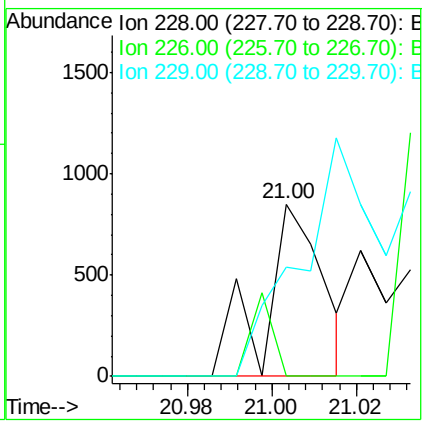


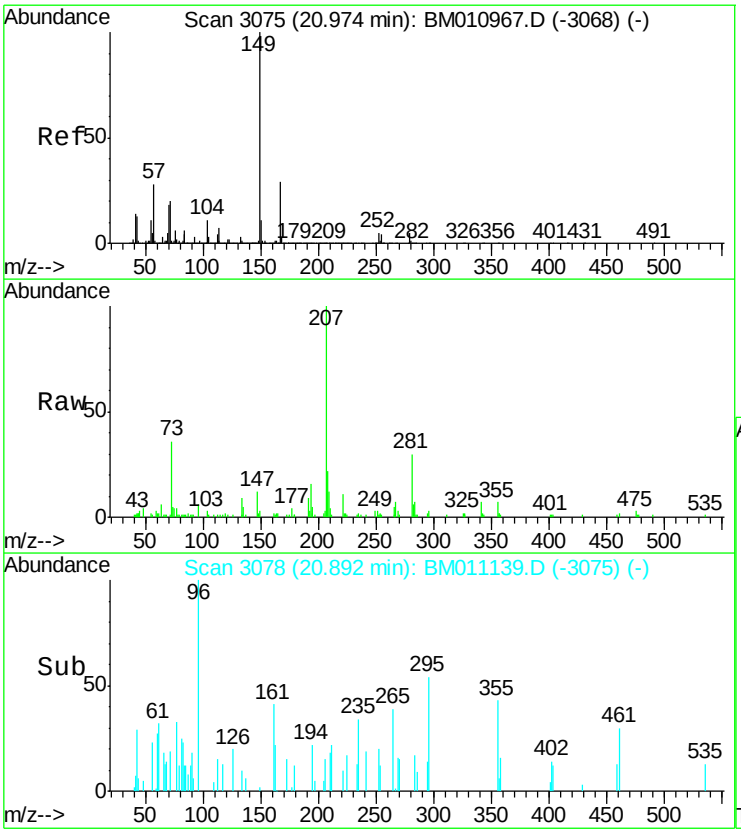
#82
Chrysene
Concen: 18.267 ng
RT: 21.00 min Scan# 3097
Delta R.T. -0.06 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:228 Resp: 812

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	63.6	15.5	23.3#

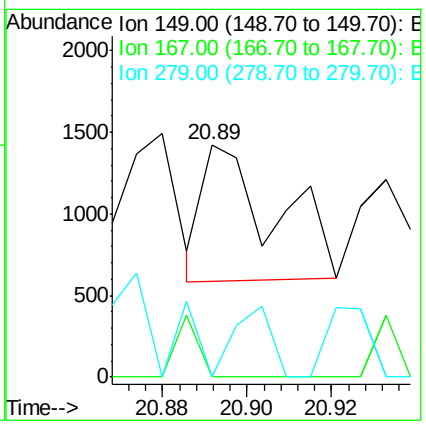


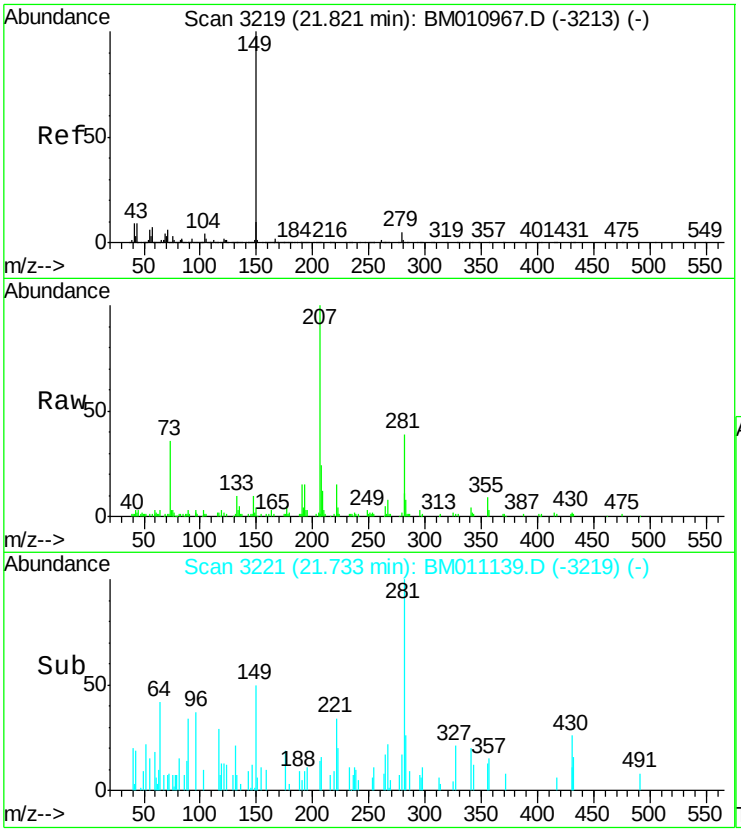


#83
Bis(2-ethylhexyl)phthalate
Concen: 39.232 ng
RT: 20.89 min Scan# 3078
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:149 Resp: 989

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.4	33.6#
279	0.0	3.4	5.0#



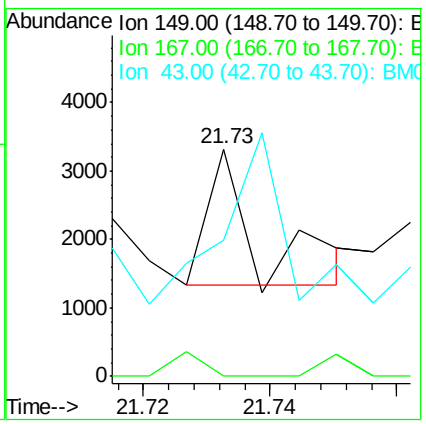


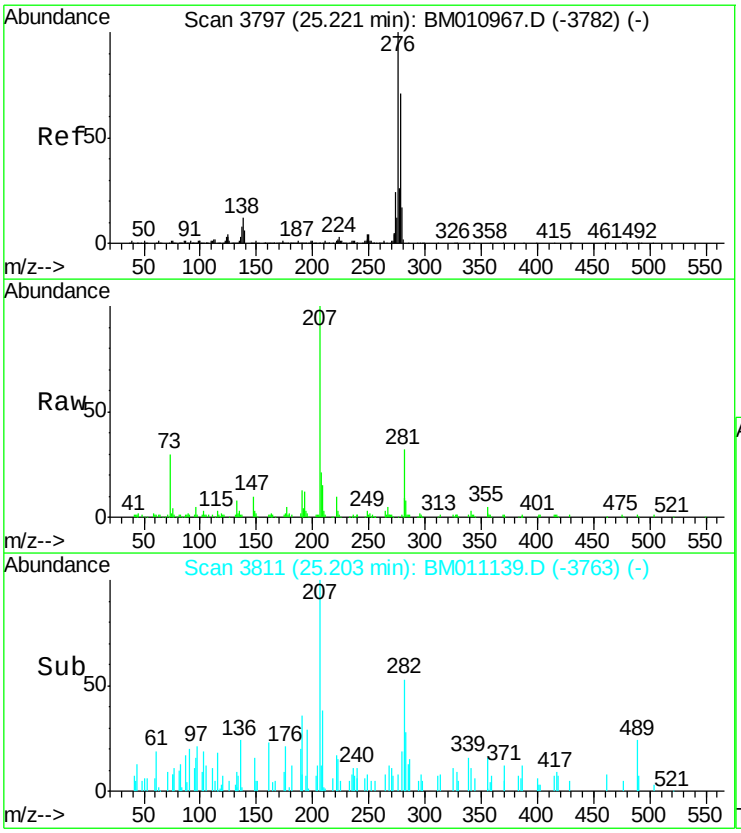
#84
Di-n-octyl phthalate
Concen: 27.521 ng
RT: 21.73 min Scan# 3221
Delta R.T. -0.09 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:149 Resp: 1126

Ion	Ratio	Lower	Upper
149	100		
167	11.6	1.2	1.8#
43	160.9	7.3	10.9#

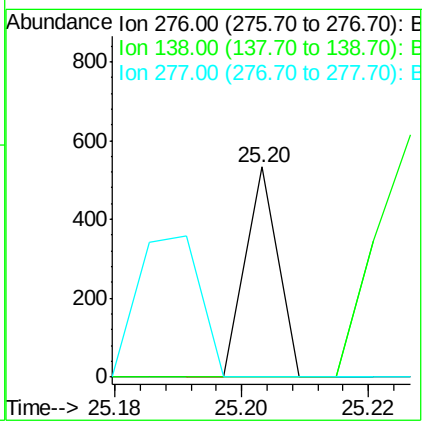


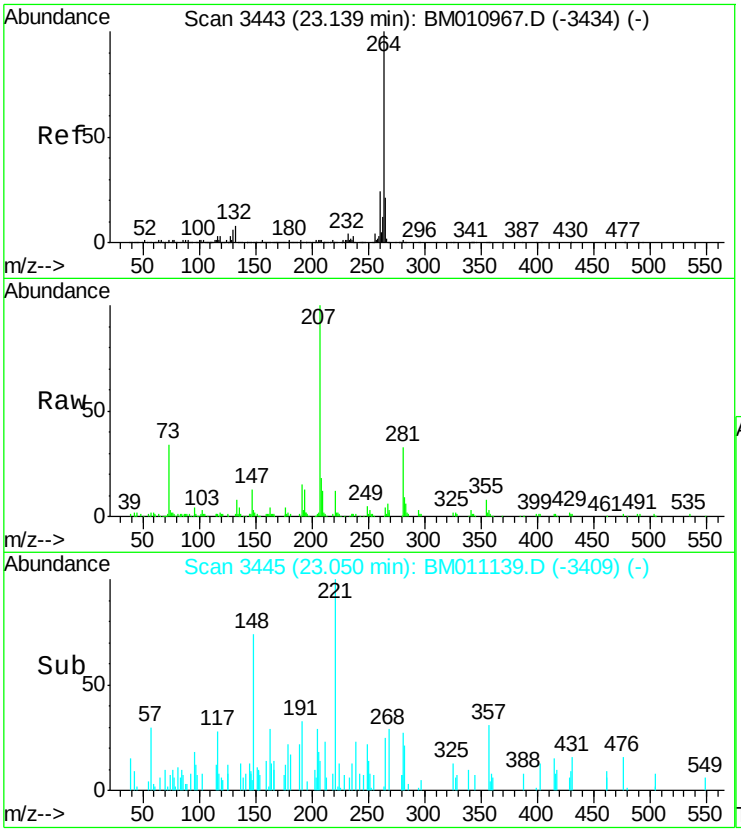


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.084 ng
RT: 25.20 min Scan# 3811
Delta R.T. -0.02 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:276 Resp: 188

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.0	18.0#
277	131.4	20.0	30.0#



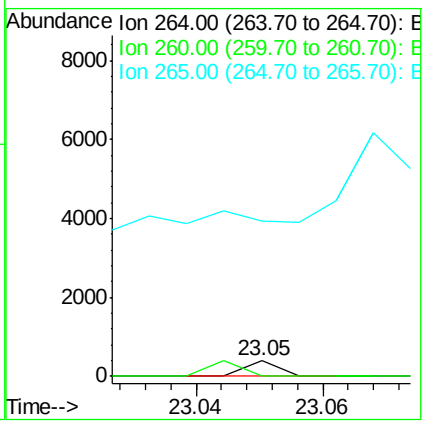


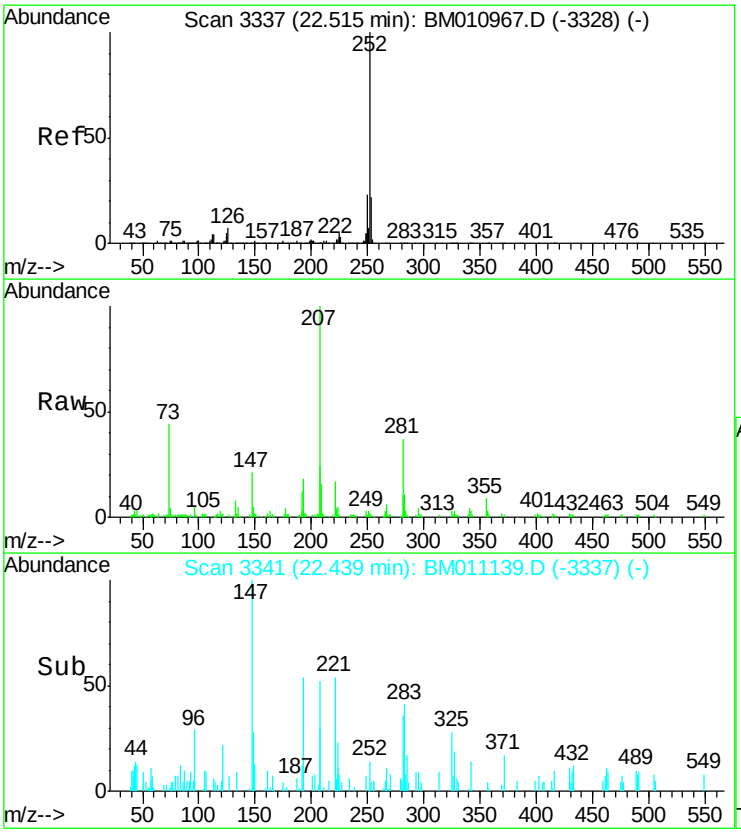
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.09 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:264 Resp: 140

Ion	Ratio	Lower	Upper
264	100		
260	0.0	18.6	27.8#
265	992.7	17.3	25.9#

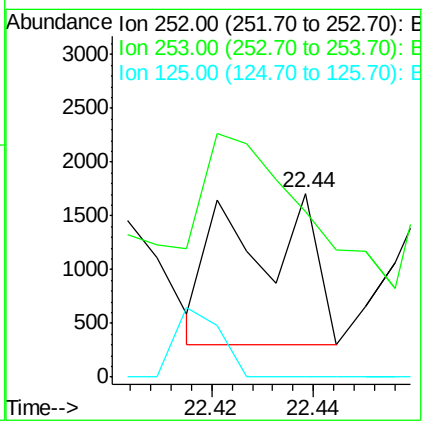


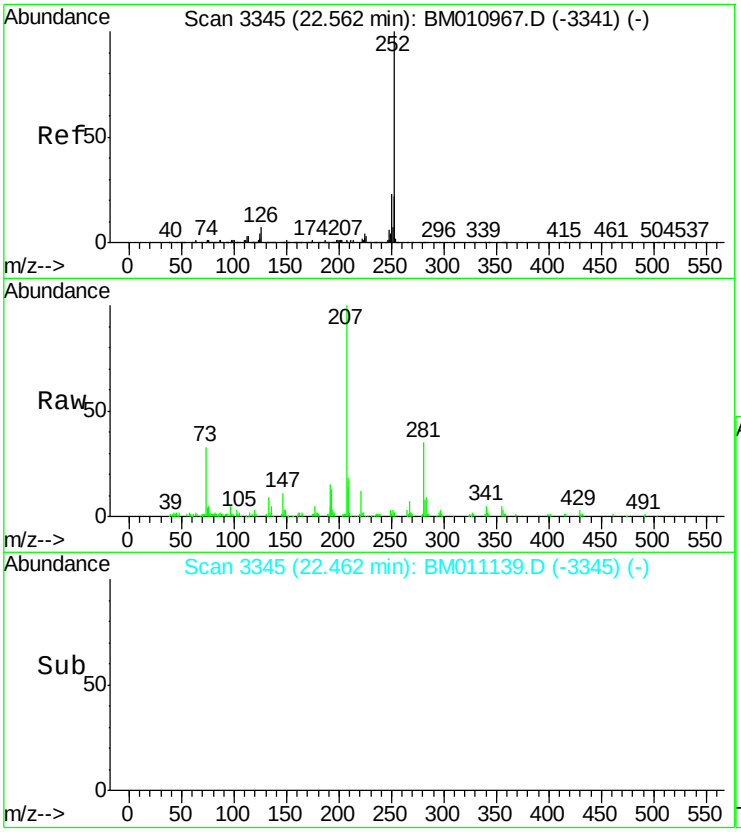


#87
Benzo(b)fluoranthene
Concen: 164.711 ng
RT: 22.44 min Scan# 3341
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:252 Resp: 1480

Ion	Ratio	Lower	Upper
252	100		
253	90.5	18.0	27.0#
125	0.0	9.9	14.9#



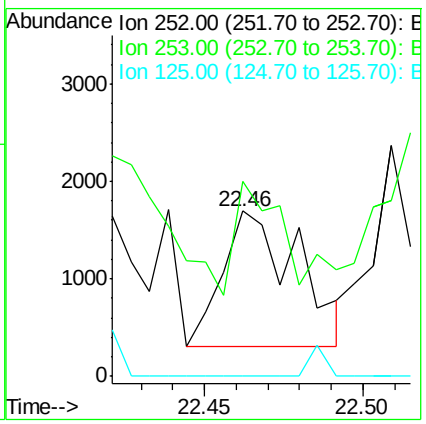


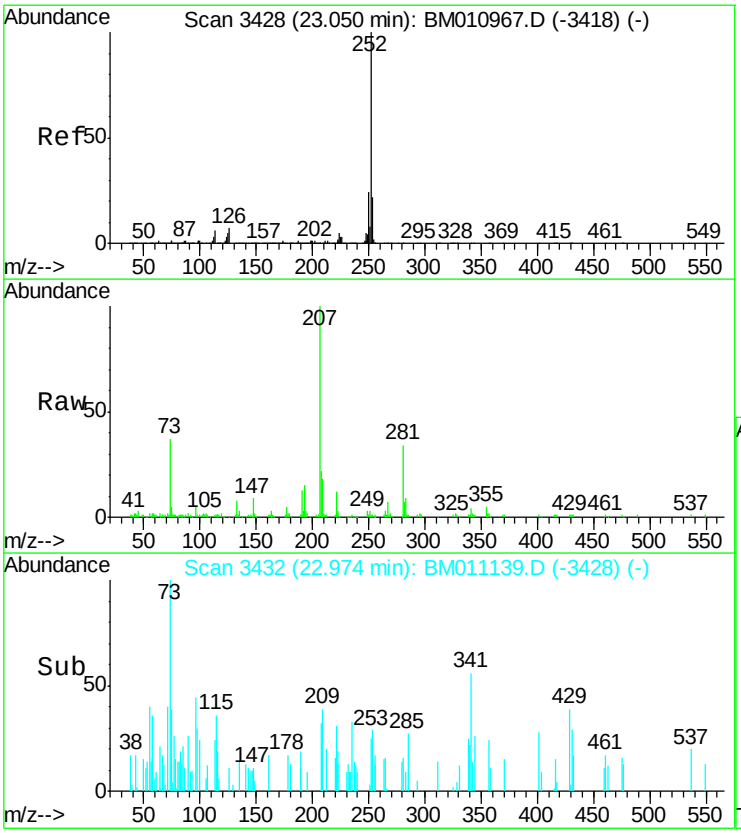
#88
Benzo(k)fluoranthene
Concen: 266.834 ng
RT: 22.46 min Scan# 3345
Delta R.T. -0.10 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:252 Resp: 2298

Ion	Ratio	Lower	Upper
252	100		
253	117.7	17.2	25.8#
125	0.0	8.1	12.1#

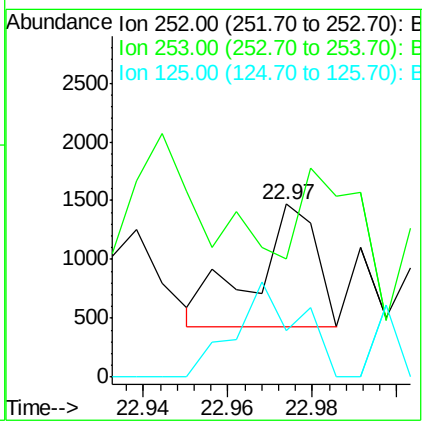


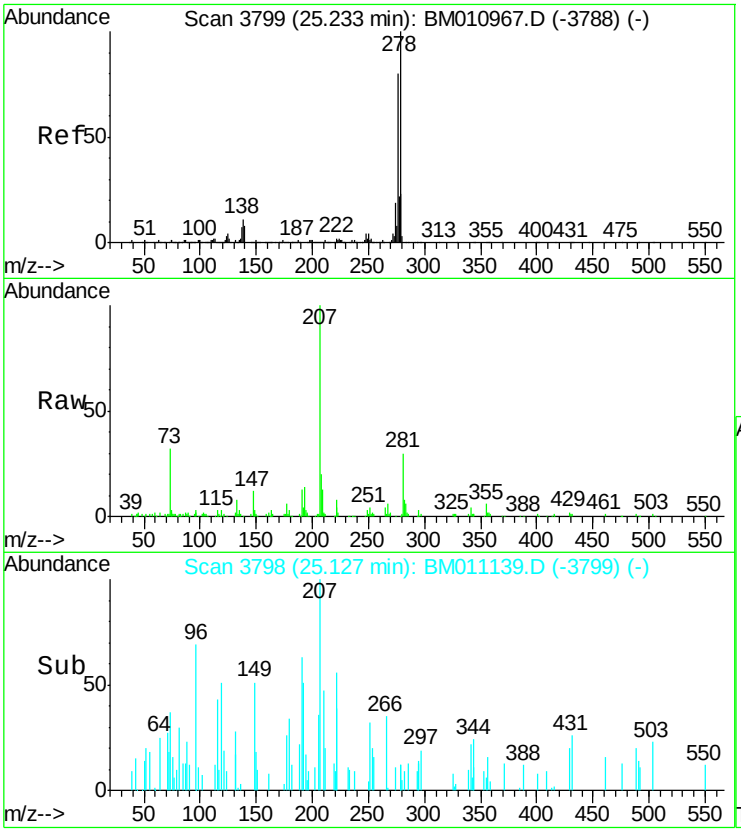


#89
Benzo(a)pyrene
Concen: 131.602 ng
RT: 22.97 min Scan# 3432
Delta R.T. -0.08 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:252 Resp: 1070

Ion	Ratio	Lower	Upper
252	100		
253	68.5	17.6	26.4#
125	26.7	7.4	11.2#



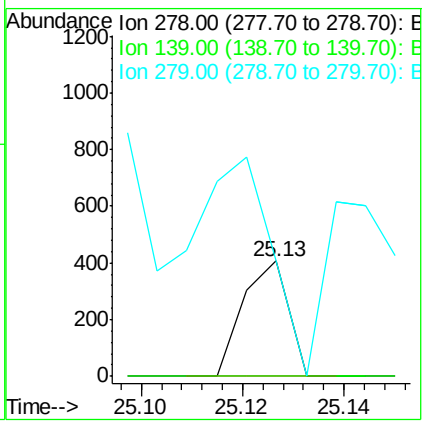


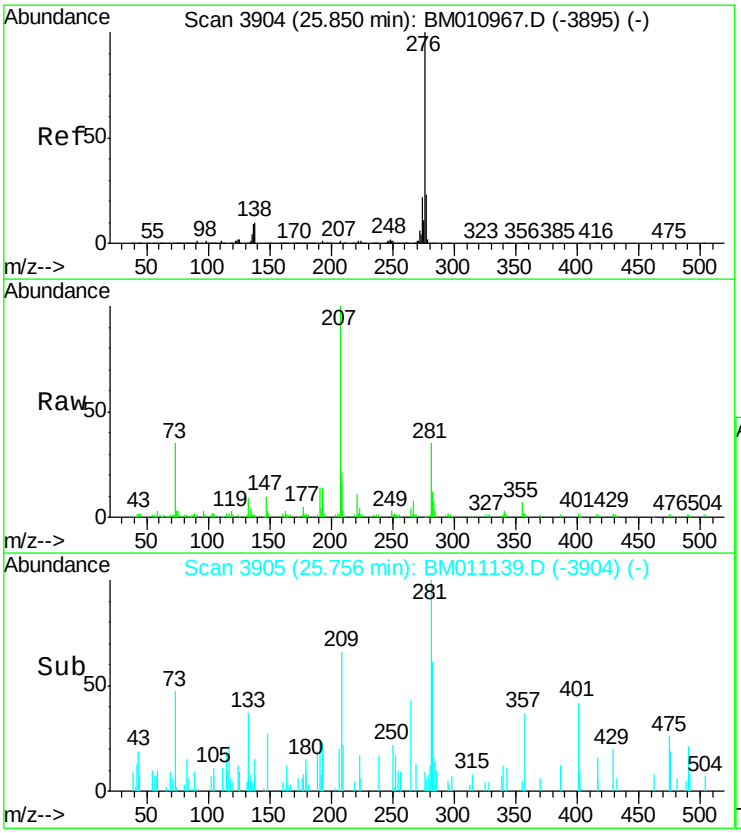
#90
Dibenzo(a,h)anthracene
Concen: 33.301 ng
RT: 25.13 min Scan# 3798
Delta R.T. -0.11 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Instrument :
BNA_M
ClientSampleId :
PB101225BL

Tgt Ion:278 Resp: 251

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	100.7	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 19.726 ng
RT: 25.76 min Scan# 3905
Delta R.T. -0.09 min
Lab File: BM011139.D
Acq: 05 Aug 2017 13:17

Tgt Ion:276 Resp: 146

Ion	Ratio	Lower	Upper
276	100		
277	75.8	18.5	27.7#
138	76.5	19.0	28.6#