Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016237.D
Acq On : 08 Aug 2018 03:32
Operator : SJ/JU
Sample : J4348-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 08 04:05:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	62463	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	259757	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	142591	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	325953	20.00	ng	0.00
75) Chrysene-d12	21.64	240	323559	20.00	ng	0.00
86) Perylene-d12	23.98	264	281855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	86969	23.13	ng	0.00
7) Phenol-d6	7.30	99	114423	23.30	ng	0.00
23) Nitrobenzene-d5	9.32	82	80302	14.38	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	36015	19.91	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	171837	14.66	ng	0.00
78) Terphenyl-d14	20.09	244	283990	18.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.30	77	264	0.077	ng	# 2
15) Benzyl Alcohol	8.46	79	1639	0.419	ng	# 33
24) Nitrobenzene	9.32	77	108	0.019	ng	# 42
31) Naphthalene	11.00	128	154	0.012	ng	# 69
45) 1,1'-Biphenyl	13.61	154	121	0.009	ng	# 42
48) Acenaphthylene	14.49	152	124	0.008	ng	# 61
49) Dimethylphthalate	14.23	163	12411	0.995	ng	# 97
51) Acenaphthene	14.77	154	444	0.049	ng	# 5
59) Diethylphthalate	15.57	149	1407	0.105	ng	# 58
62) Azobenzene	16.13	77	111	0.008	ng	# 50
70) Phenanthrene	17.54	178	1261	0.069	ng	# 60
71) Anthracene	17.64	178	131	0.007	ng	# 61
73) Di-n-butylphthalate	18.44	149	1751	0.076	ng	# 78
74) Fluoranthene	19.54	202	3721	0.183	ng	71
77) Pyrene	19.90	202	4208	0.217	ng	# 95
79) Butylbenzylphthalate	20.76	149	1486	0.151	ng	# 36
80) Benzo(a)anthracene	21.63	228	7441	0.373	ng	# 89
81) 3,3'-Dichlorobenzidine	21.56	252	494	0.062	ng	# 9
82) Chrysene	21.68	228	6354	0.332	ng	# 91
83) Bis(2-ethylhexyl)phthalate	21.51	149	15532	1.088	ng	# 85
84) Di-n-octyl phthalate	22.42	149	6450	0.269	ng	# 90
85) Indeno(1,2,3-cd)pyrene	26.37	276	6536	0.288	ng	# 58
87) Benzo(b)fluoranthene	23.27	252	7865	0.474	ng	# 57
88) Benzo(k)fluoranthene	23.32	252	5594	0.333	ng	# 60
89) Benzo(a)pyrene	23.89	252	6136	0.385	ng	# 36
90) Dibenzo(a,h)anthracene	26.37	278	3769	0.228	ng	# 5
91) Benzo(g,h,i)perylene	27.10	276	7992	0.511	ng	# 81

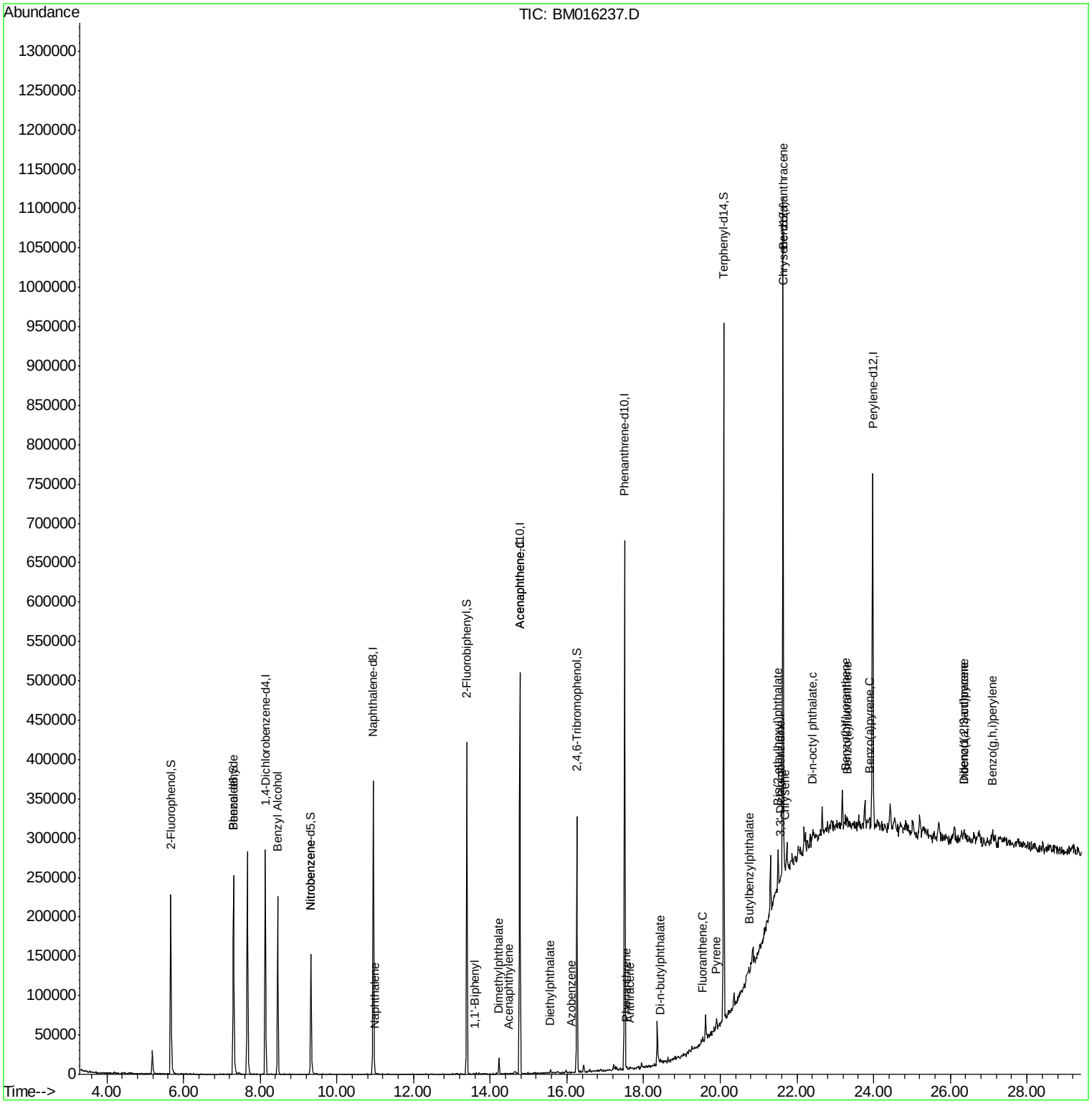
(#) = qualifier out of range (m) = manual integration (+) = signals summed

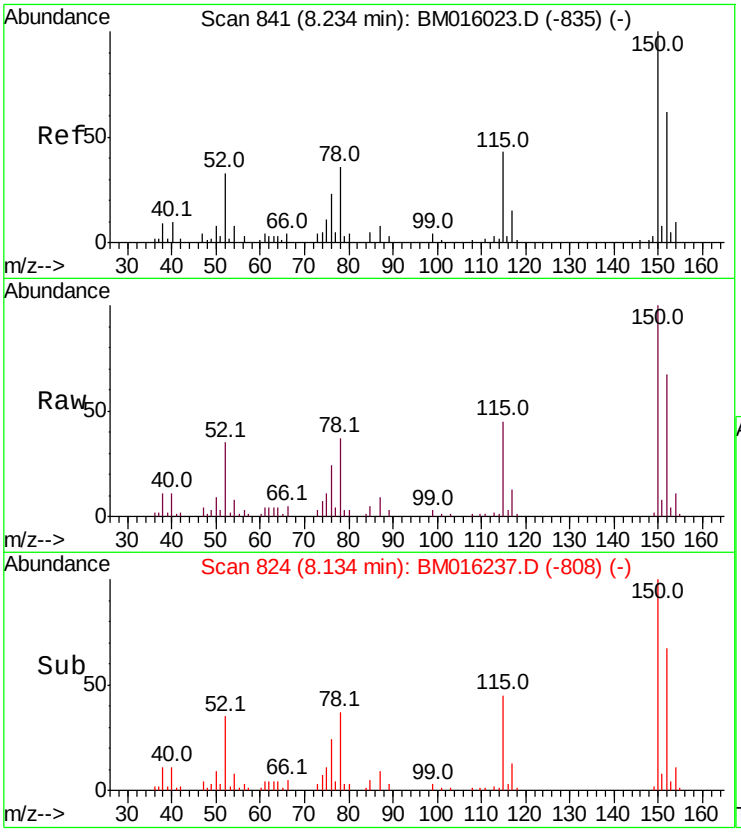
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016237.D
Acq On : 08 Aug 2018 03:32
Operator : SJ/JU
Sample : J4348-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 08 04:05:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration



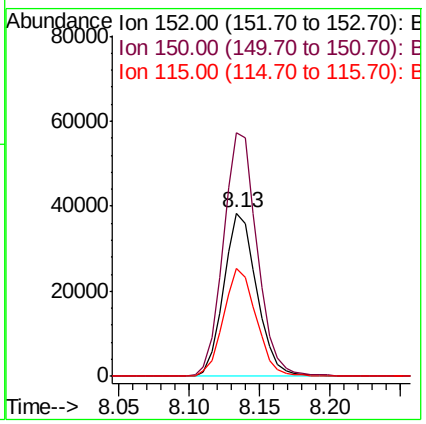


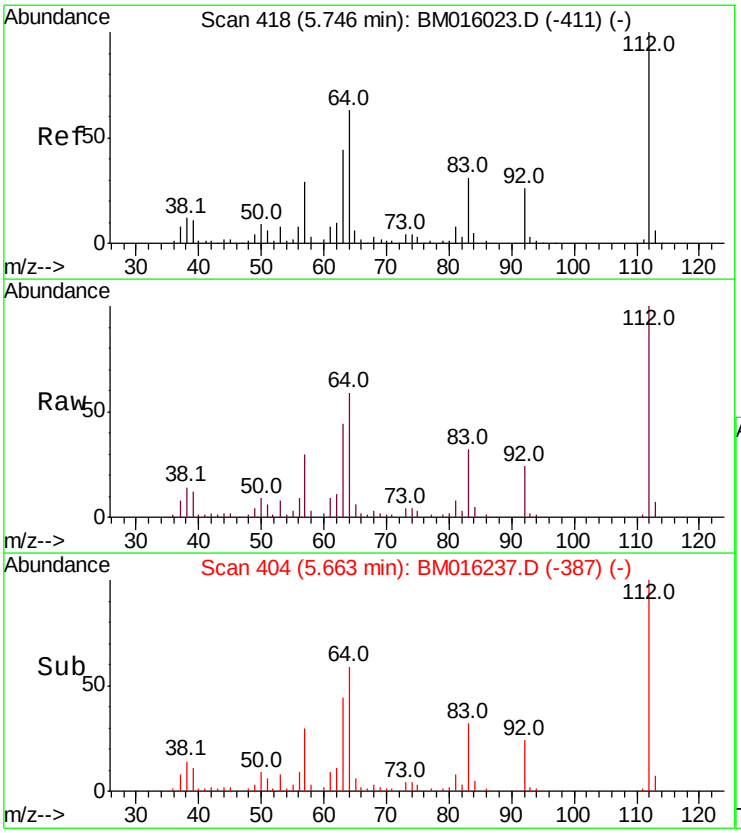
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 62463

Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.5	179.3
115	66.5	43.0	64.4#

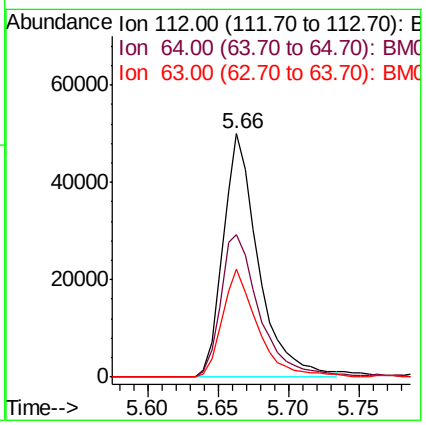


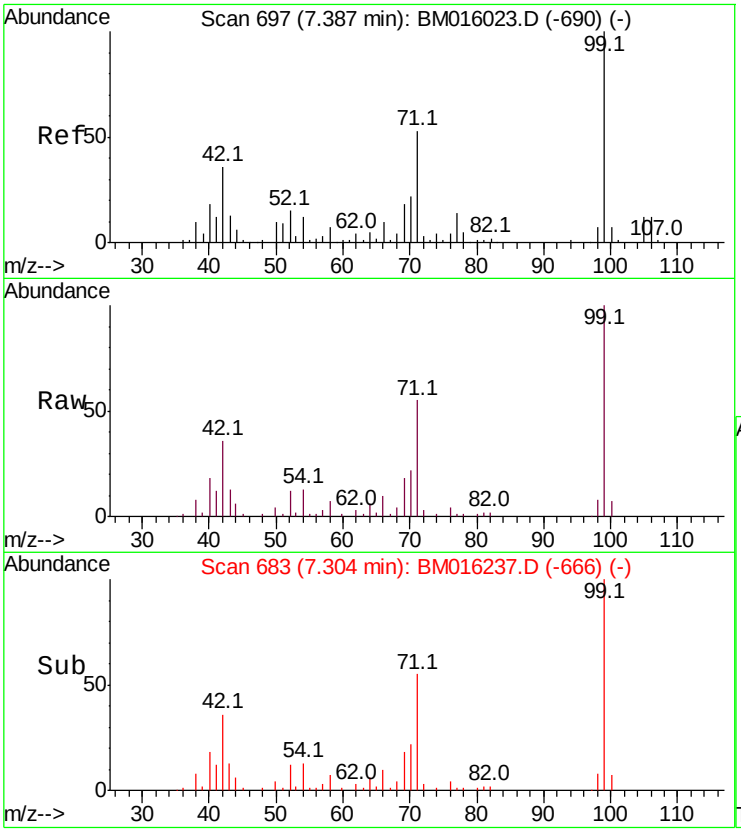


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:112 Resp: 86969

Ion	Ratio	Lower	Upper
112	100		
64	58.5	38.6	57.8#
63	44.3	19.3	28.9#



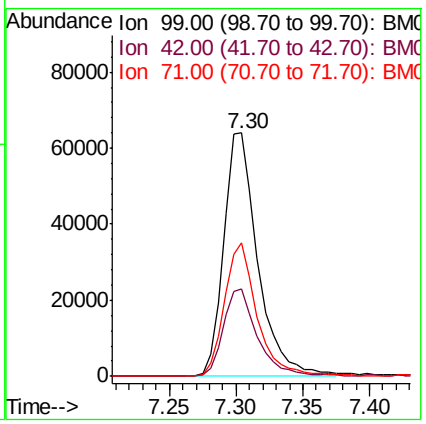


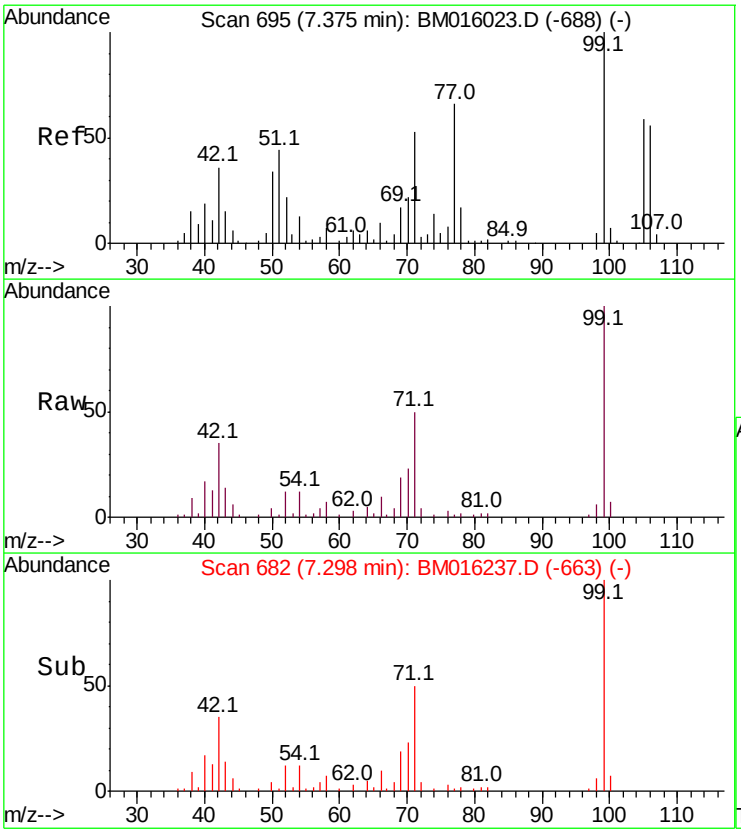
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 114423

Ion	Ratio	Lower	Upper
99	100		
42	36.0	11.0	16.4#
71	55.0	23.4	35.2#

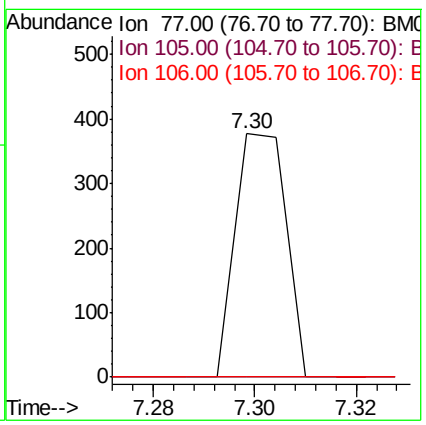


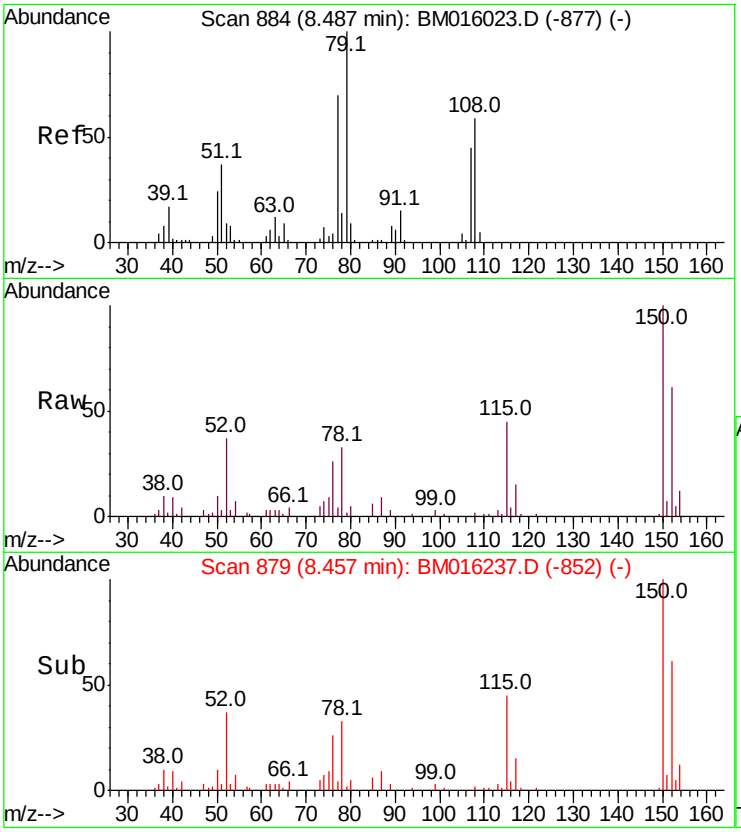


#9
Benzaldehyde
Concen: 0.077 ng
RT: 7.30 min Scan# 682
Delta R.T. 0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion: 77 Resp: 264

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	73.7	113.7#



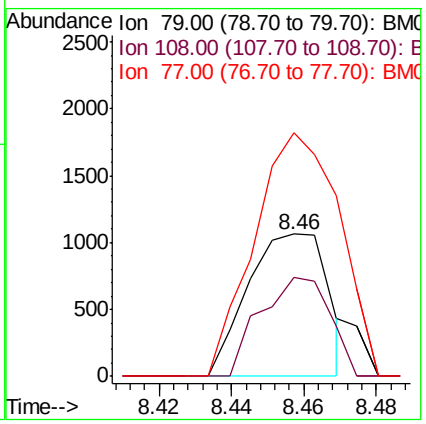


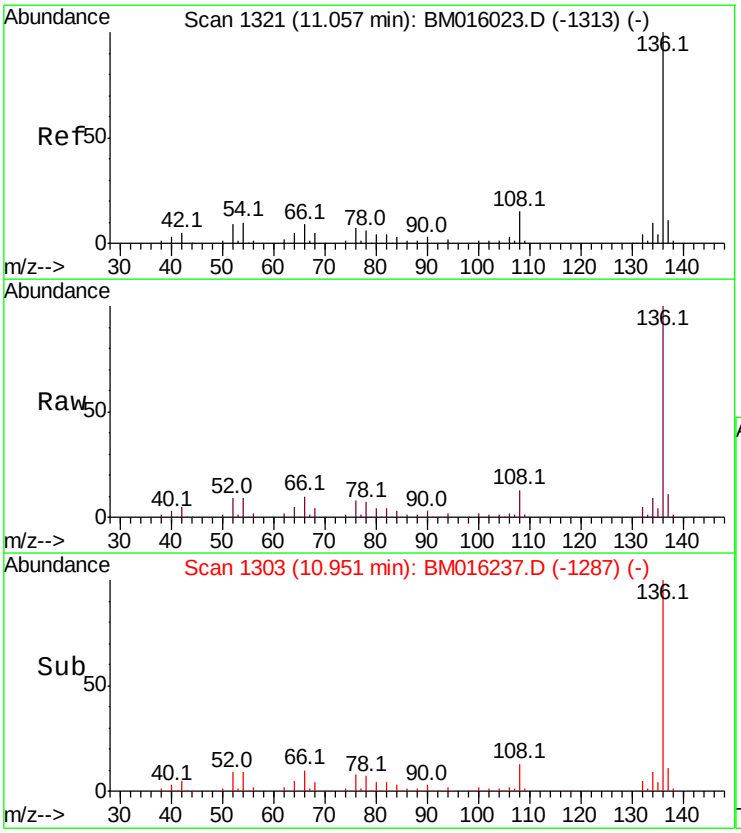
#15
Benzyl Alcohol
Concen: 0.419 ng
RT: 8.46 min Scan# 879
Delta R.T. 0.06 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 1639

Ion	Ratio	Lower	Upper
79	100		
108	69.4	65.0	97.4
77	171.5	53.0	79.6#

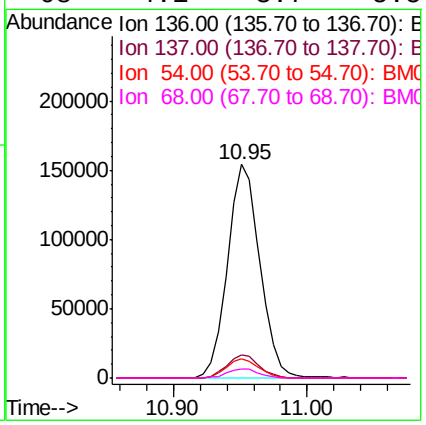


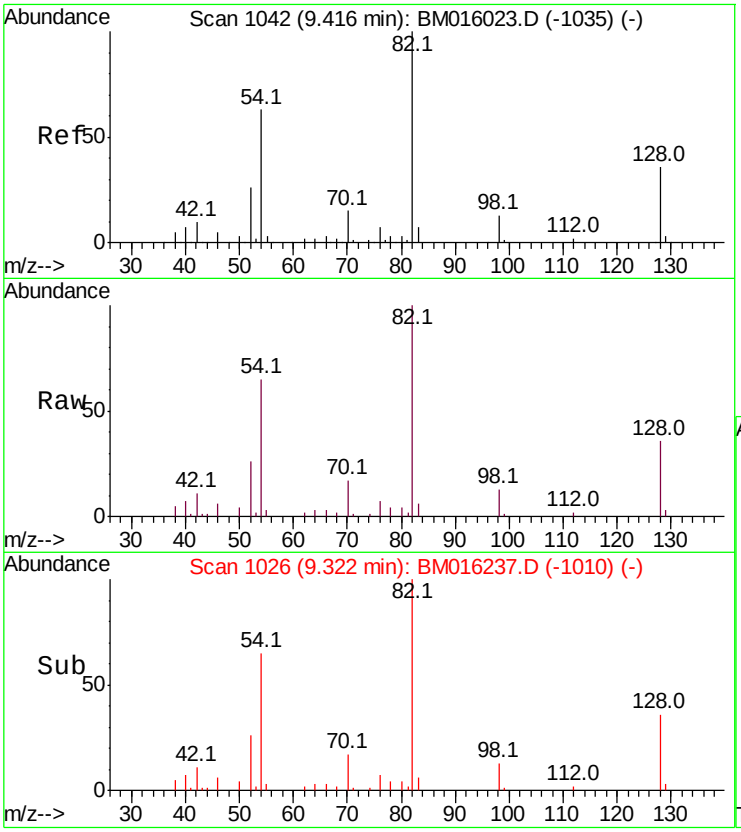


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:136 Resp: 259757

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.3	4.6	6.8#
68	4.1	3.7	5.5



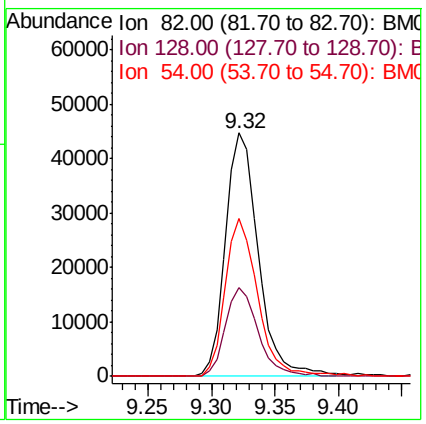


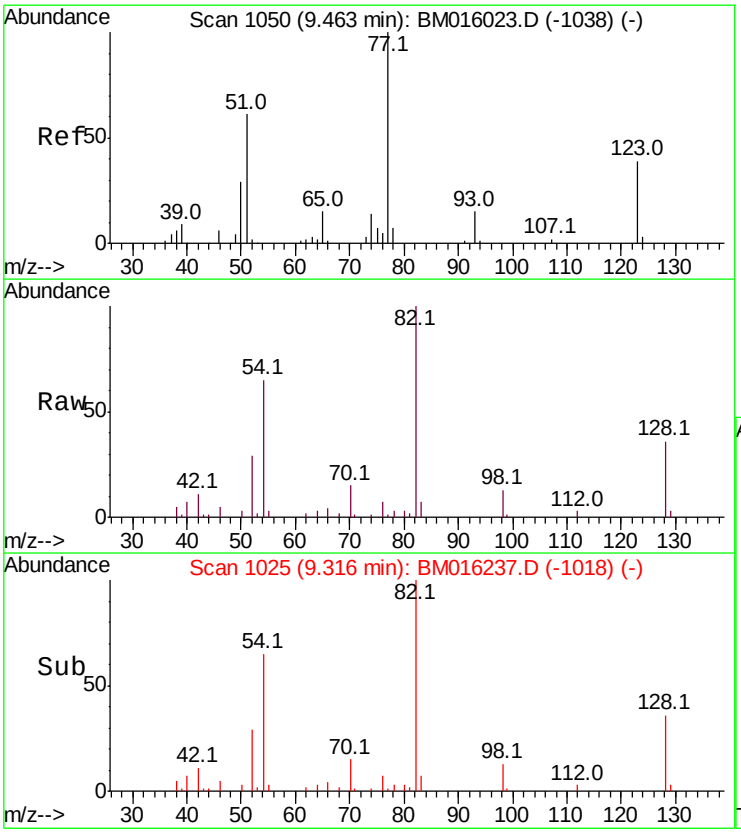
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 80302

Ion	Ratio	Lower	Upper
82	100		
128	36.4	32.8	49.2
54	64.9	40.6	60.8#

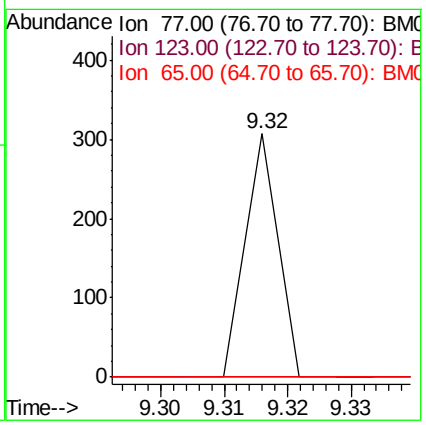


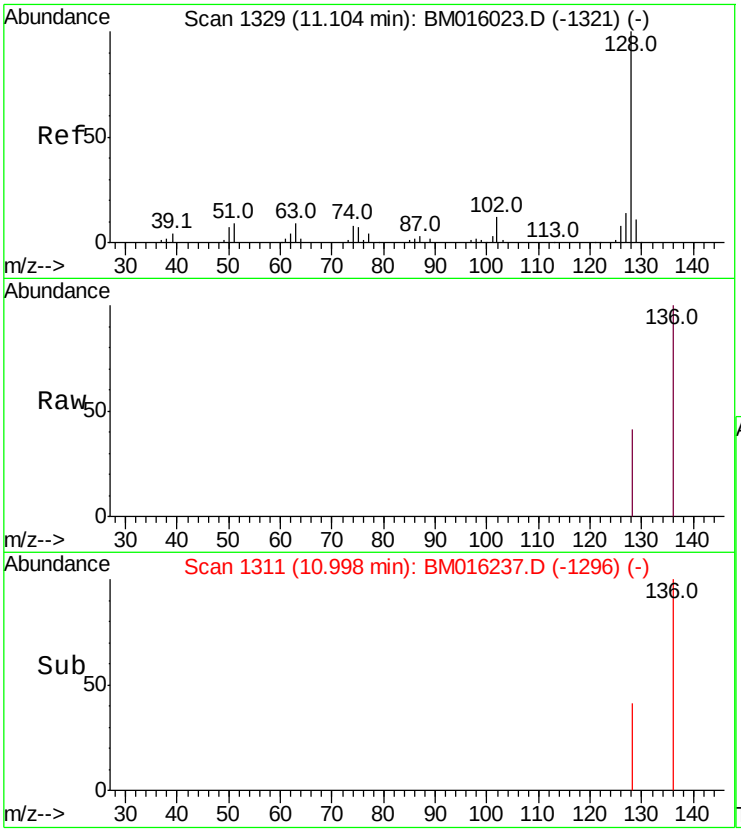


#24
Nitrobenzene
Concen: 0.019 ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.06 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion: 77 Resp: 108

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	0.0	10.9	16.3#



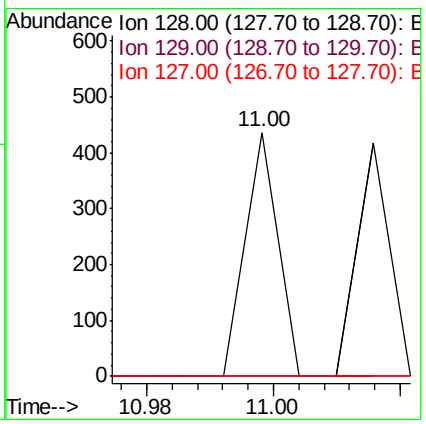


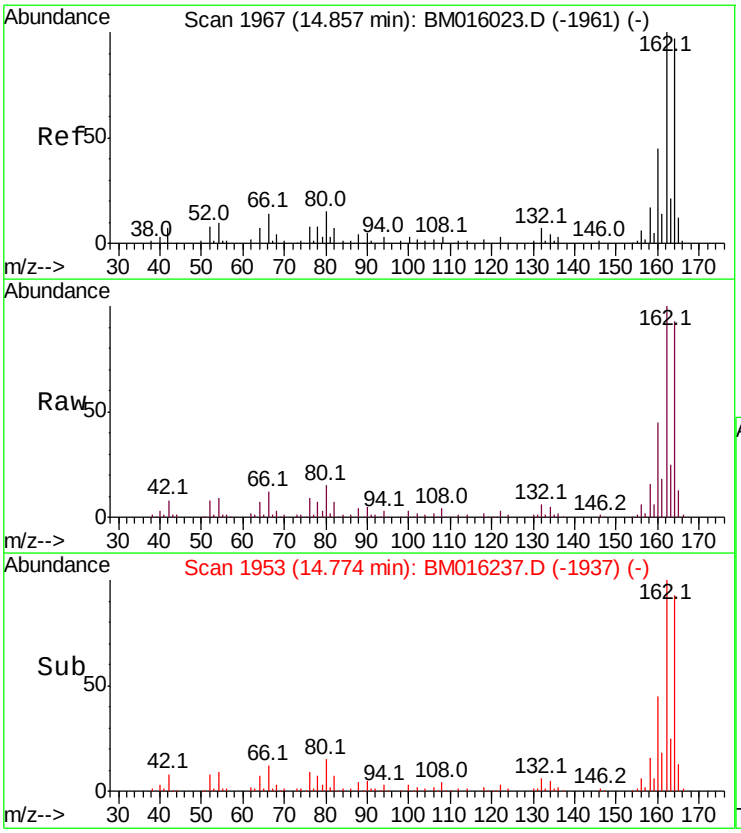
#31
Naphthalene
Concen: 0.012 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 154

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.9	13.3#
127	0.0	10.4	15.6#

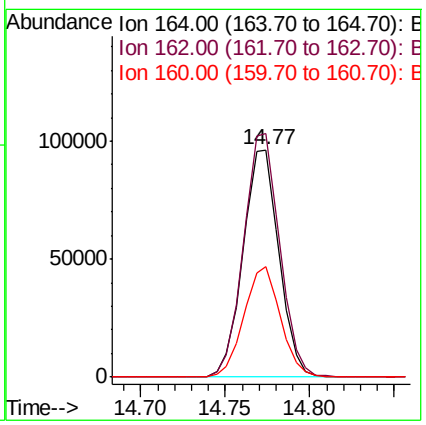


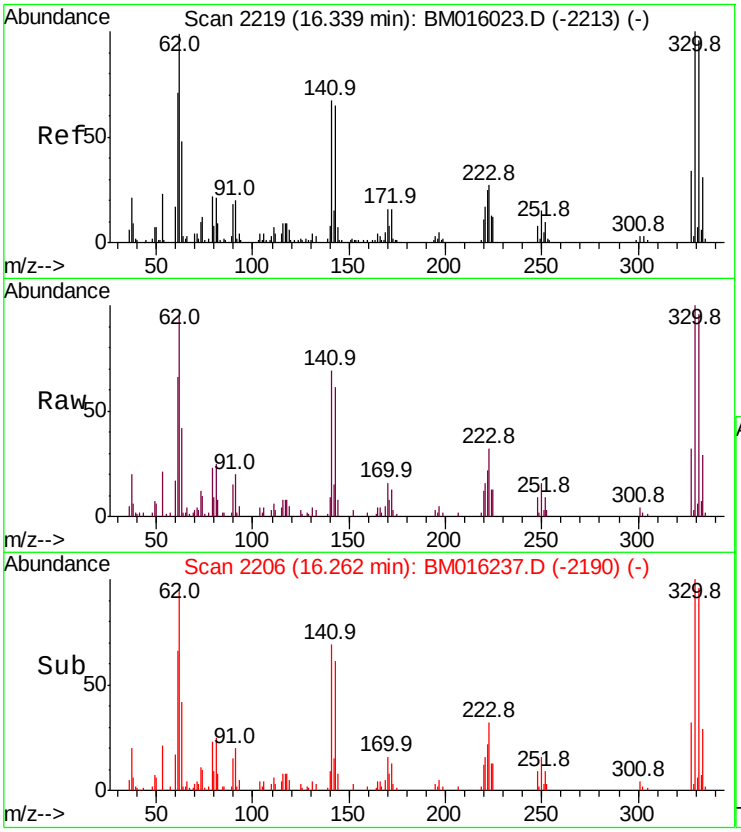


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:164 Resp: 142591

Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.4	123.6
160	48.3	35.8	53.6



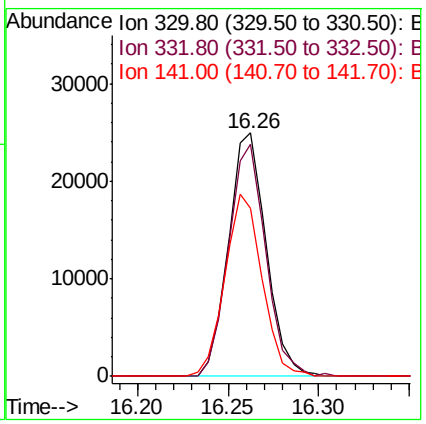


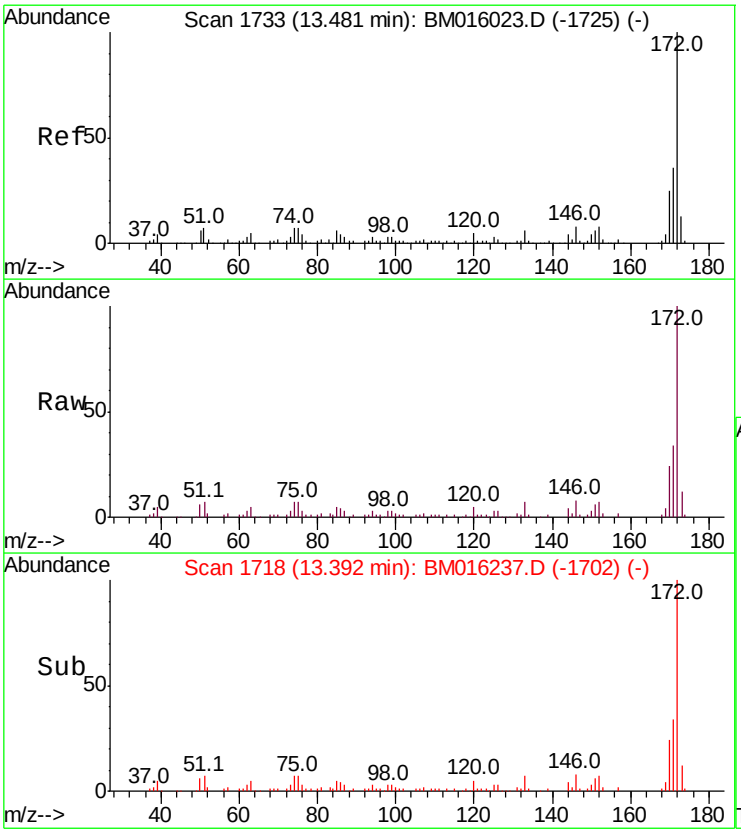
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 36015

Ion	Ratio	Lower	Upper
330	100		
332	94.0	0.0	0.0#
141	73.6	0.0	0.0#

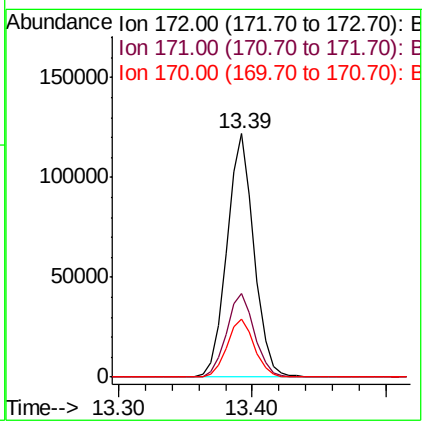


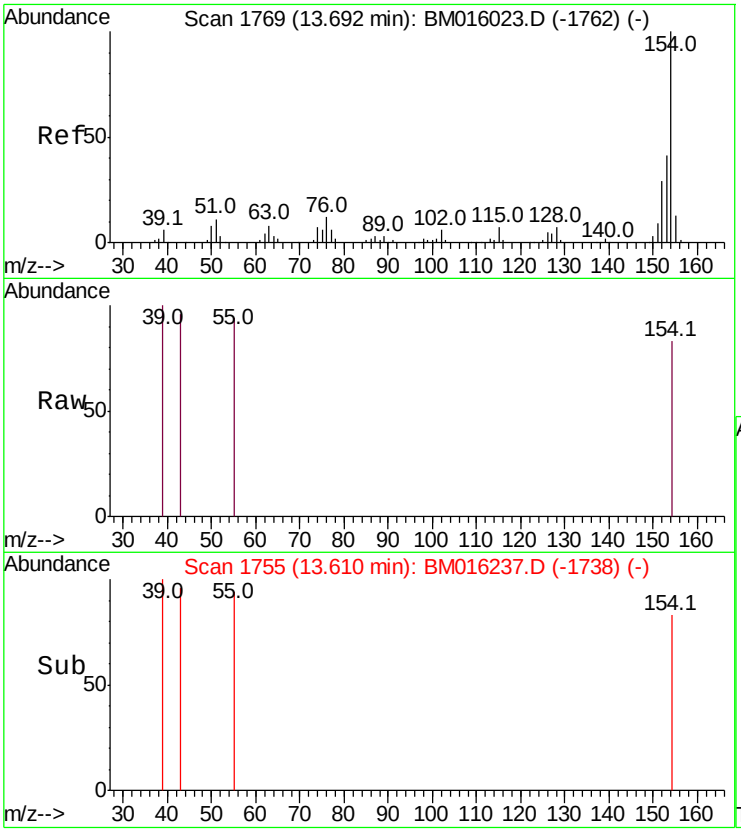


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:172 Resp: 171837

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.9	18.8	28.2



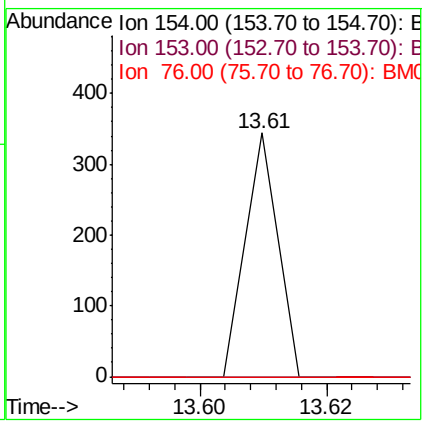


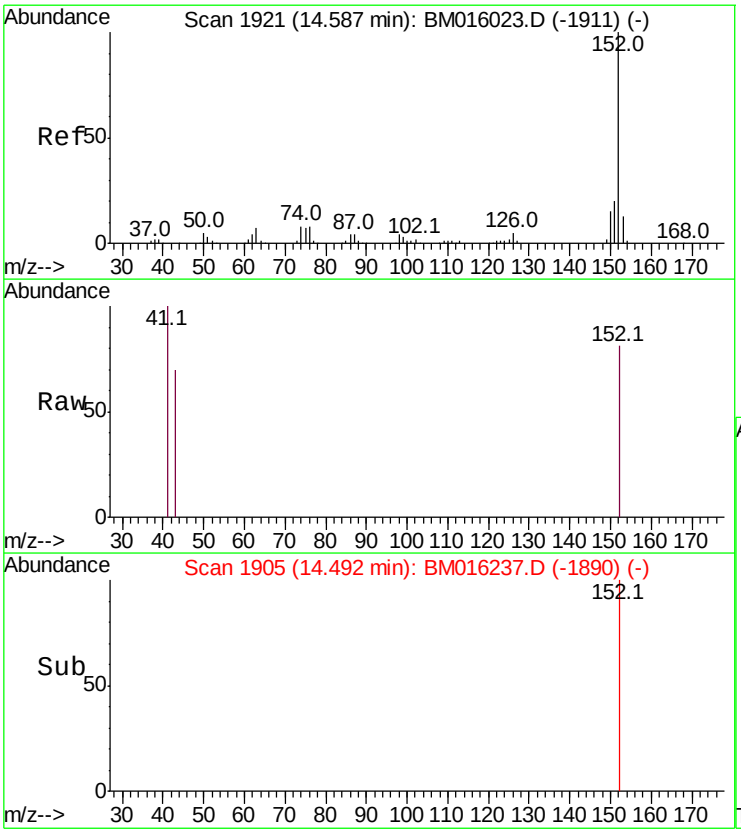
#45
1,1'-Biphenyl
Concen: 0.009 ng
RT: 13.61 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 121

Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.7	60.7#
76	0.0	0.0	30.9

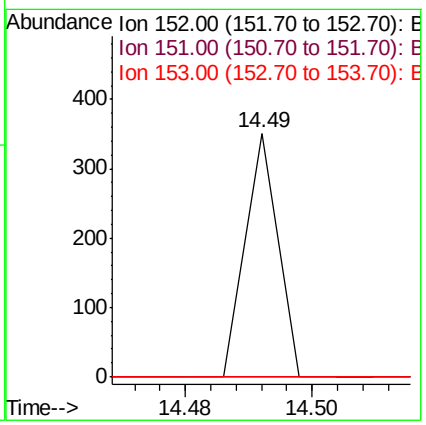


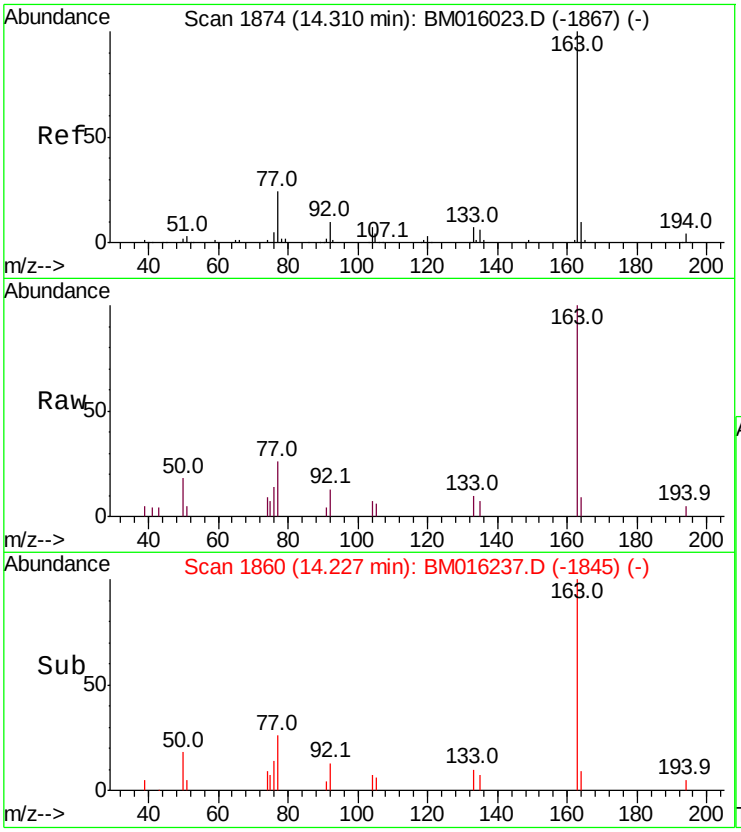


#48
Acenaphthylene
Concen: 0.008 ng
RT: 14.49 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:152 Resp: 124

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.9	23.9#
153	0.0	10.6	16.0#



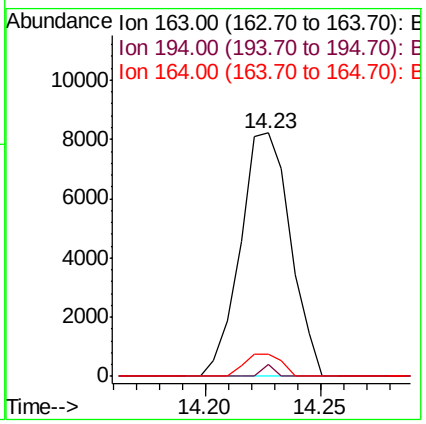


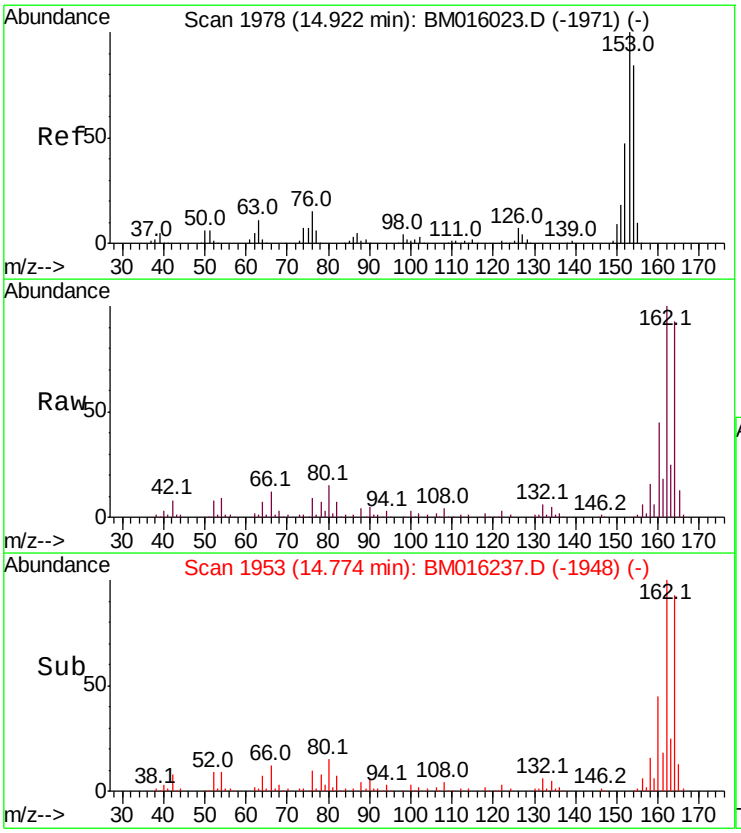
#49
Dimethylphthalate
Concen: 0.995 ng
RT: 14.23 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 12411

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	9.0	8.2	12.2

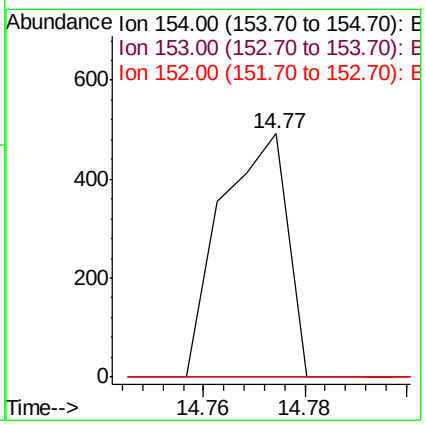


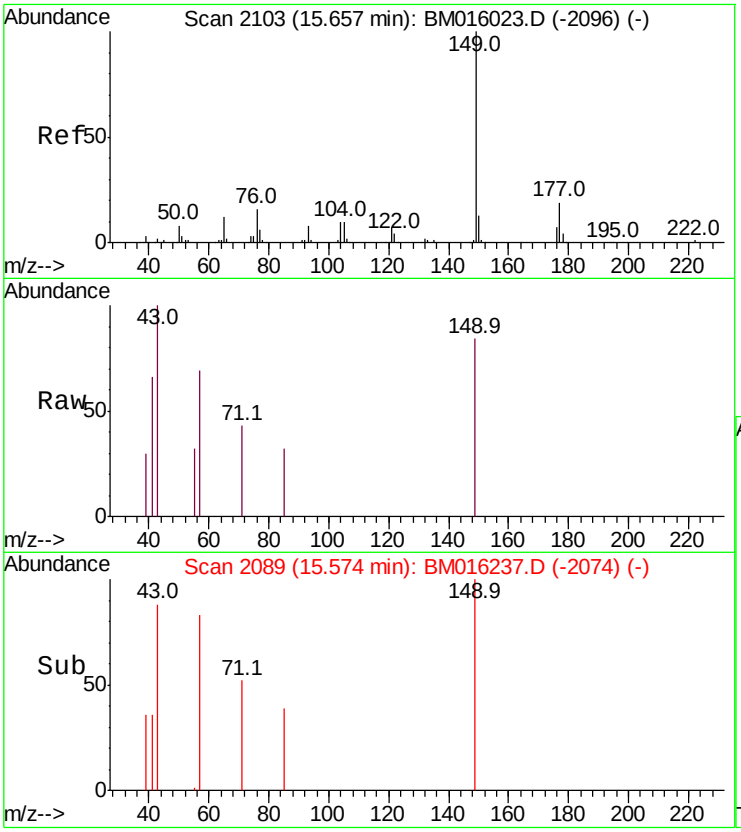


#51
Acenaphthene
Concen: 0.049 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.07 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:154 Resp: 444

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	42.6	63.8#



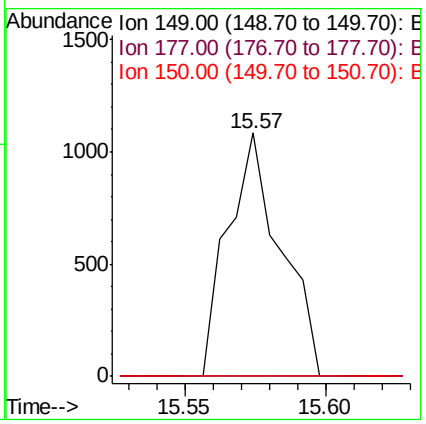


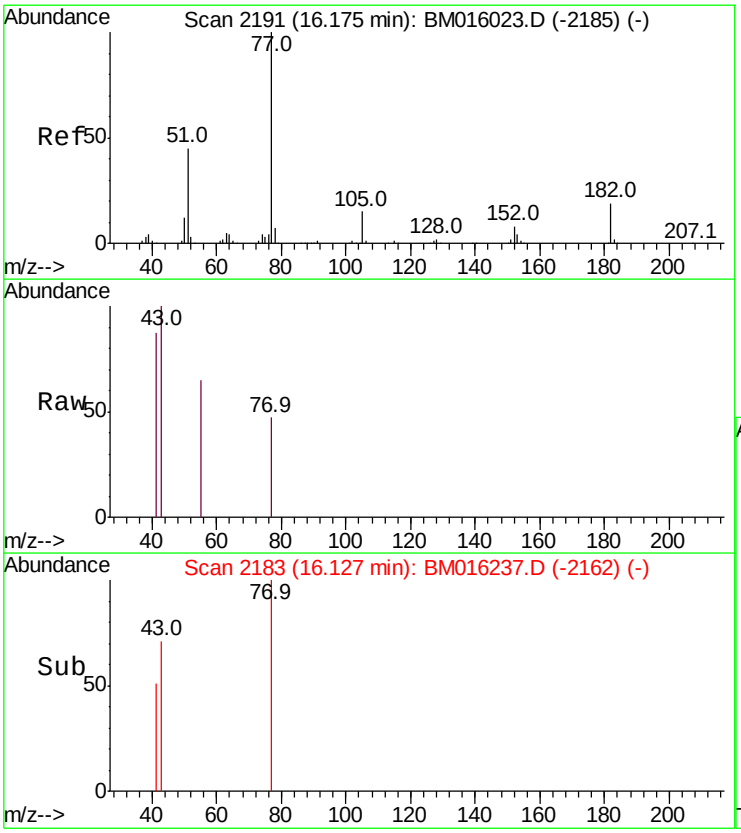
#59
Diethylphthalate
Concen: 0.105 ng
RT: 15.57 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1407

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	9.8	14.8#

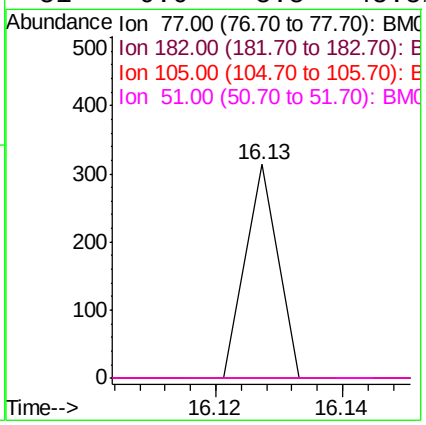


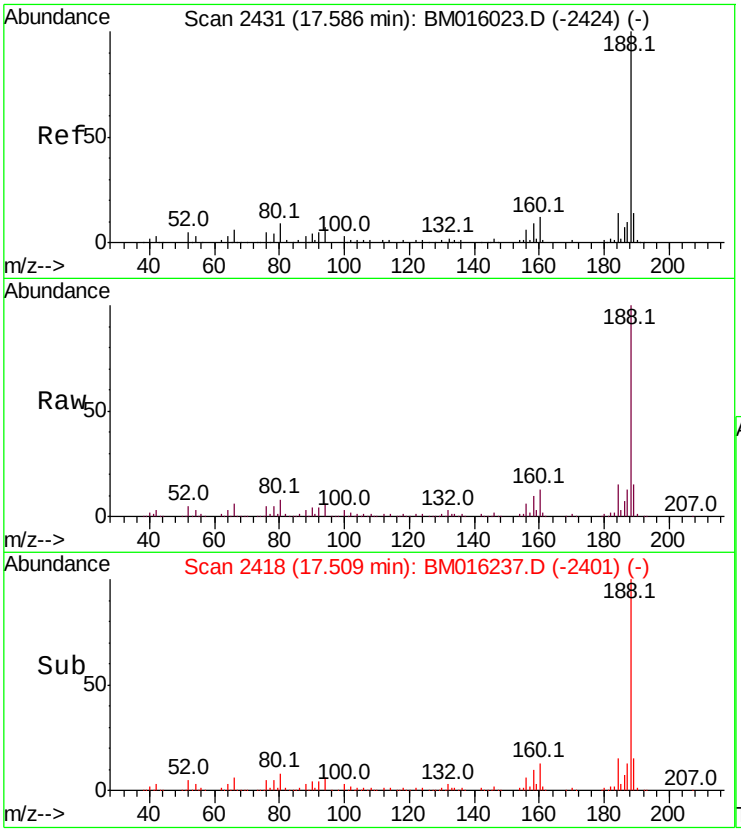


#62
Azobenzene
Concen: 0.008 ng
RT: 16.13 min Scan# 2183
Delta R.T. 0.02 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion: 77 Resp: 111

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.5	46.5#
105	0.0	3.8	43.8#
51	0.0	5.5	45.5#



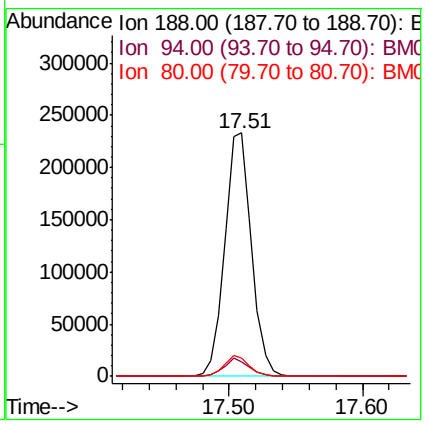


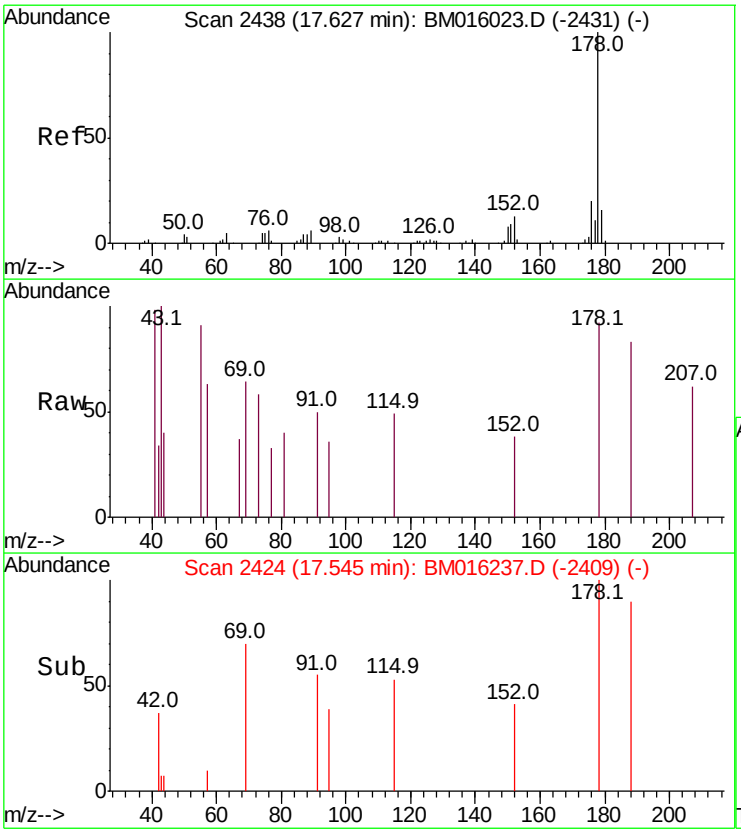
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 325953

Ion	Ratio	Lower	Upper
188	100		
94	5.9	8.7	13.1#
80	7.8	9.3	13.9#

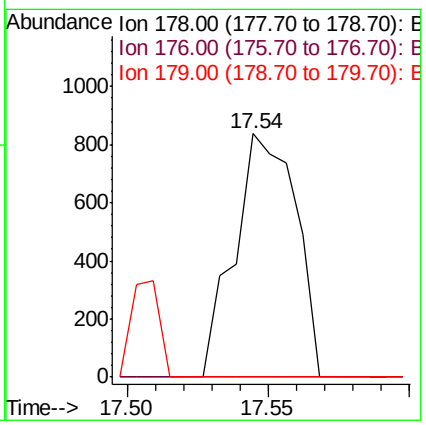


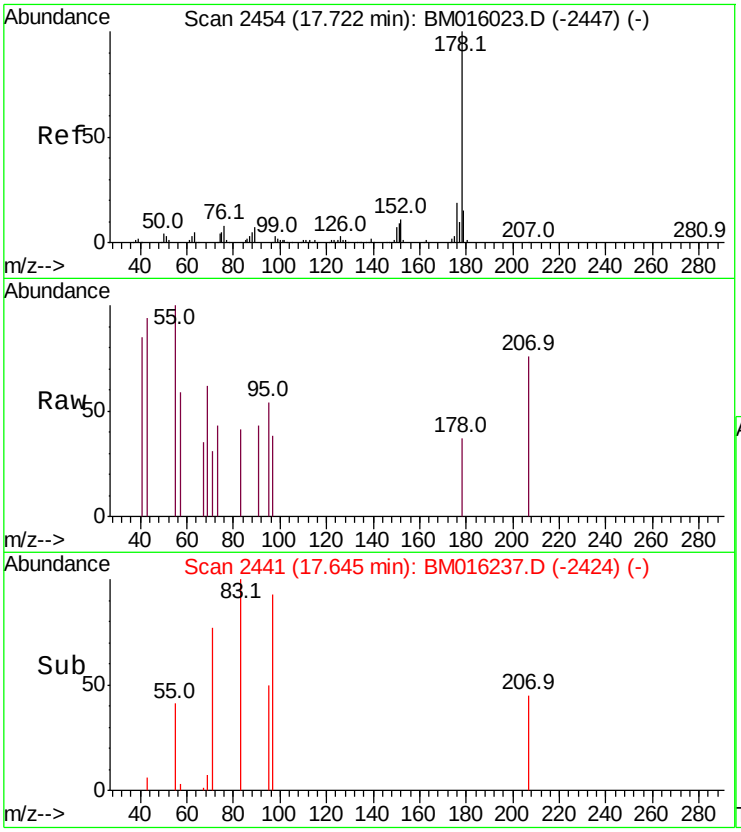


#70
Phenanthrene
Concen: 0.069 ng
RT: 17.54 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:178 Resp: 1261

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.1	18.1#



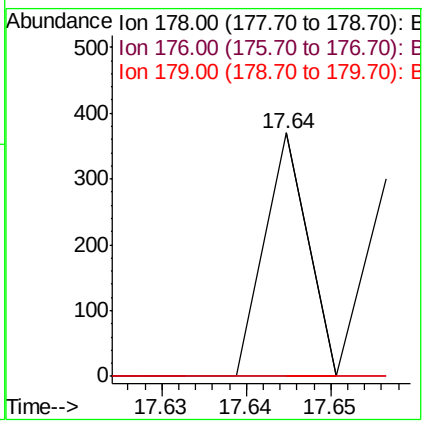


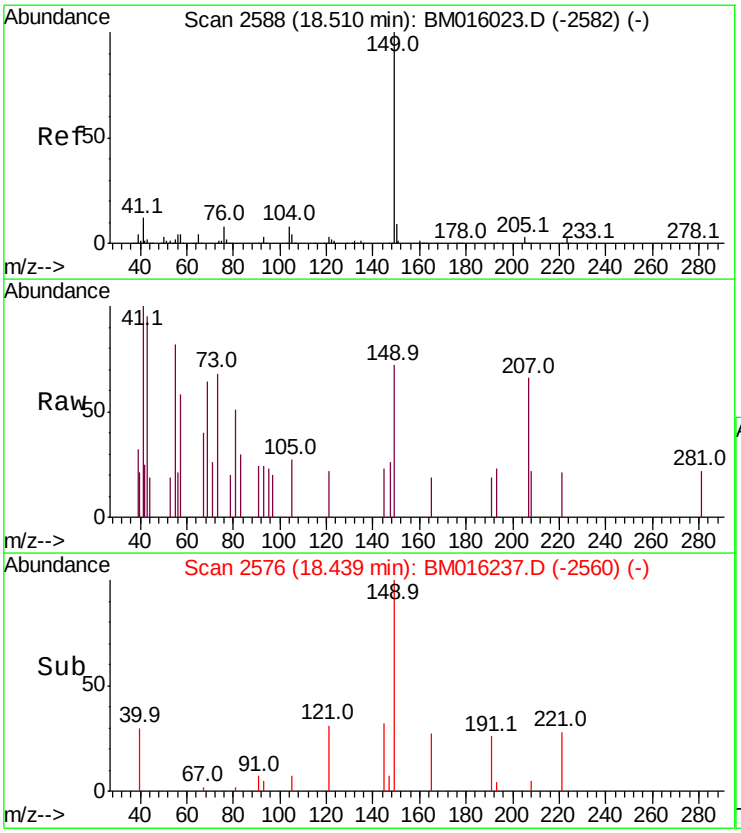
#71
Anthracene
Concen: 0.007 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 131

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	0.0	12.6	19.0#

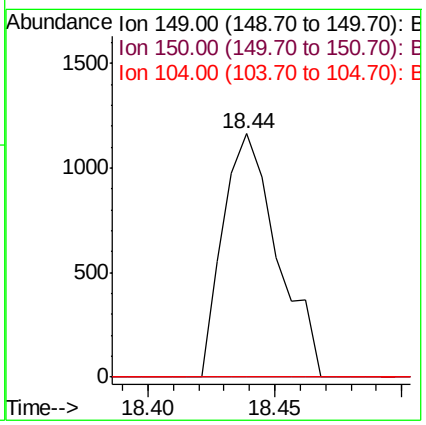


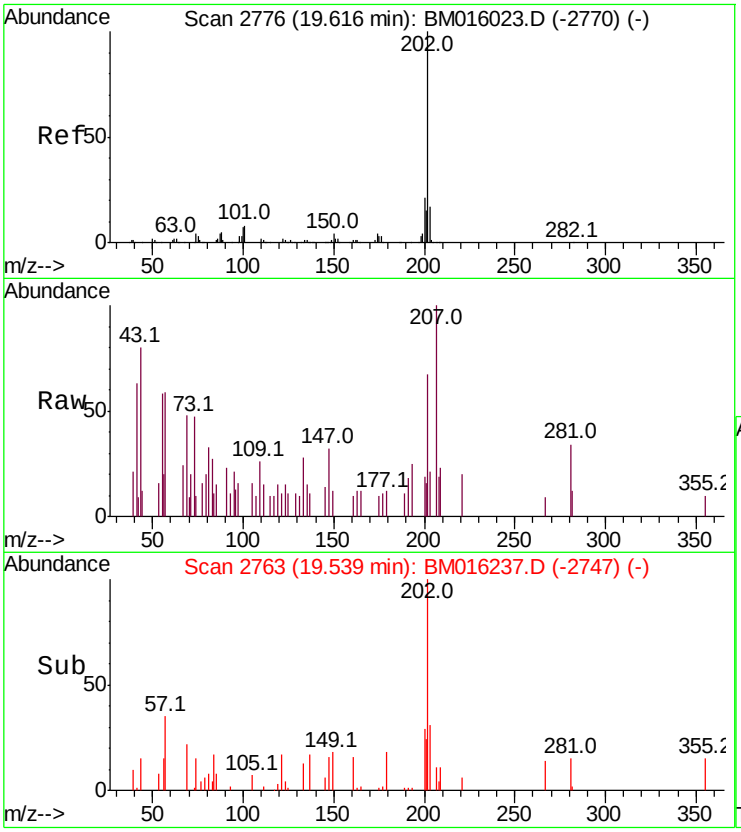


#73
Di-n-butylphthalate
Concen: 0.076 ng
RT: 18.44 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:149 Resp: 1751

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	3.7	5.5#



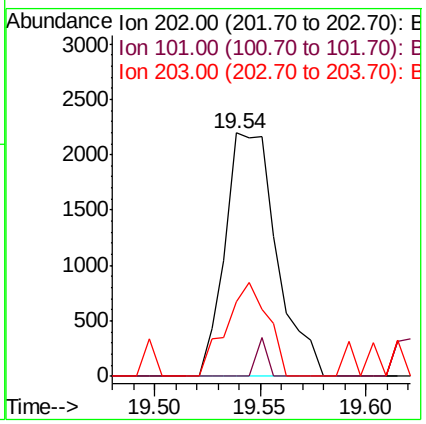


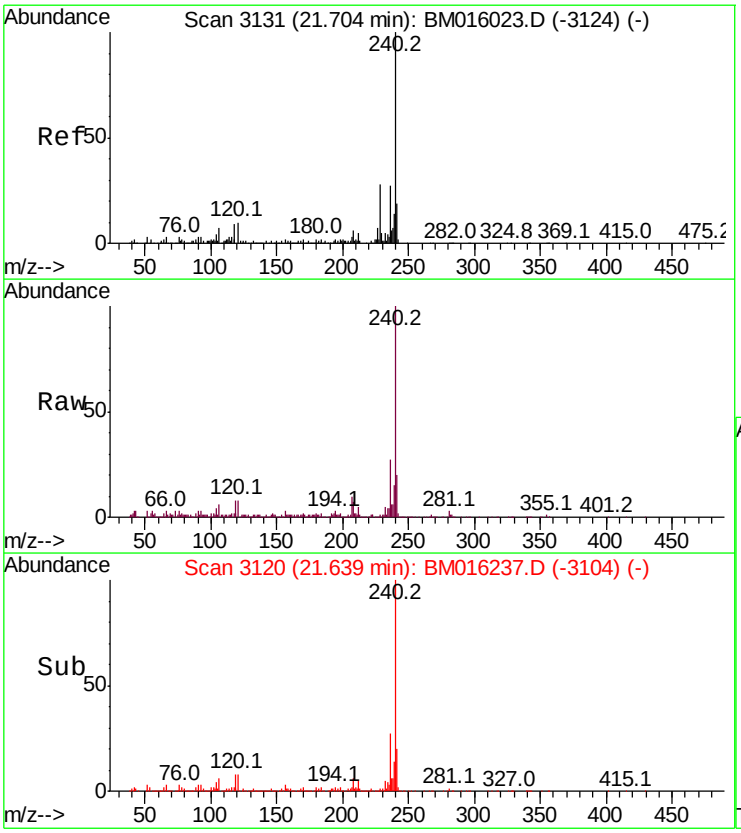
#74
Fluoranthene
Concen: 0.183 ng
RT: 19.54 min Scan# 2763
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3721

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.7
203	30.9	0.0	37.2

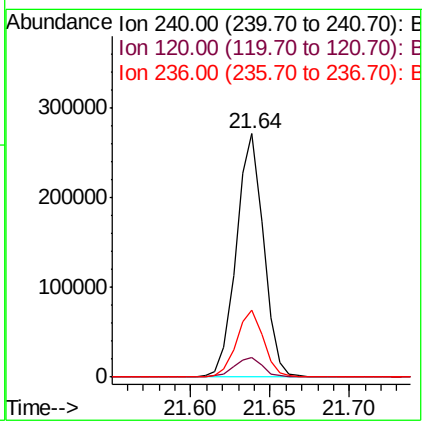


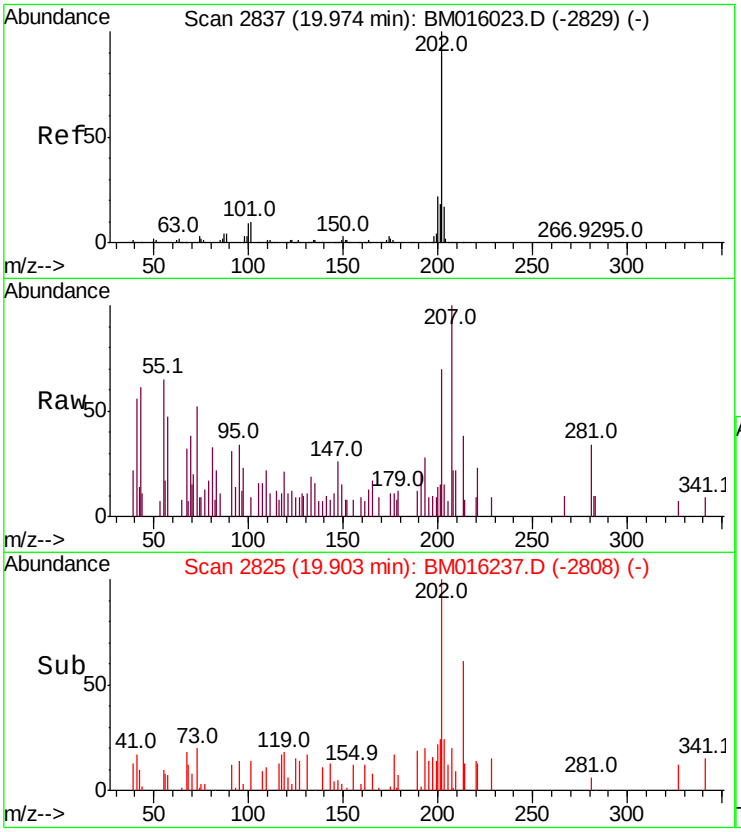


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:240 Resp: 323559

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	27.3	20.0	30.0



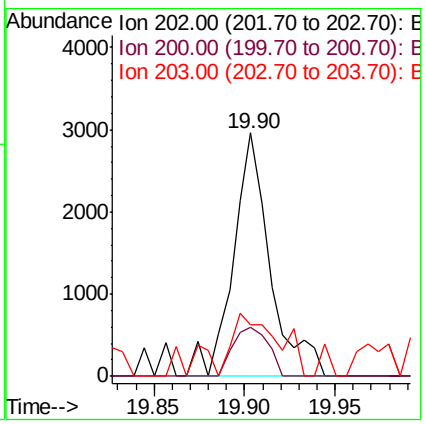


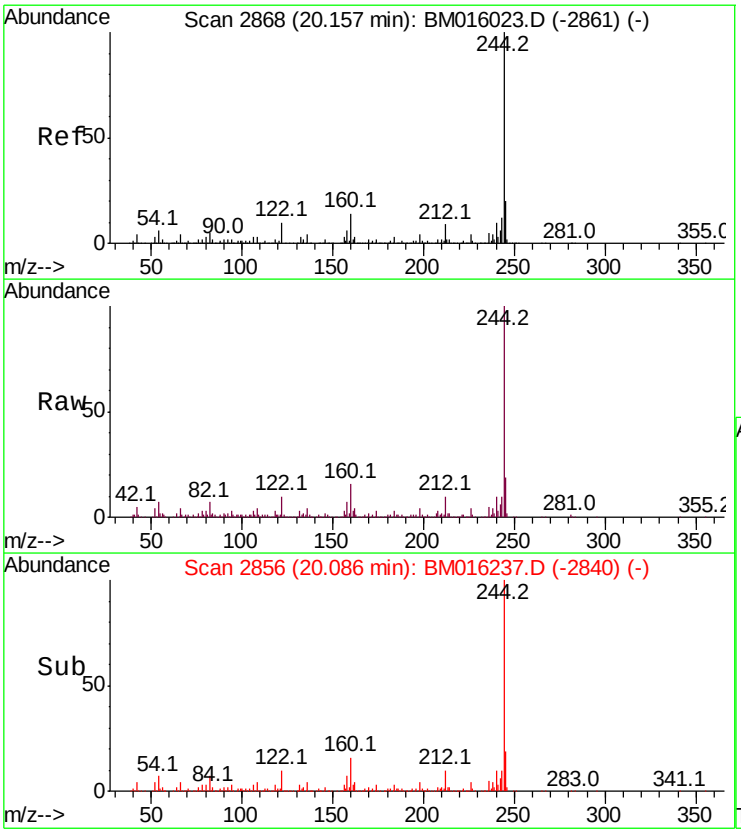
#77
Pyrene
Concen: 0.217 ng
RT: 19.90 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4208

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	21.1	14.1	21.1#

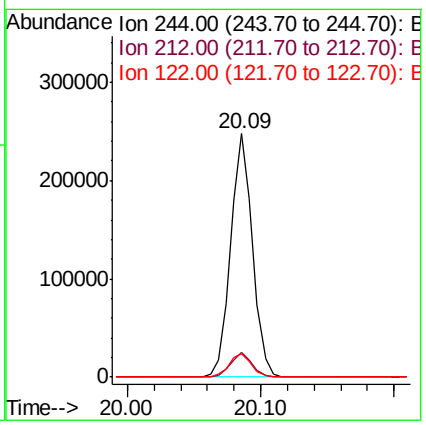


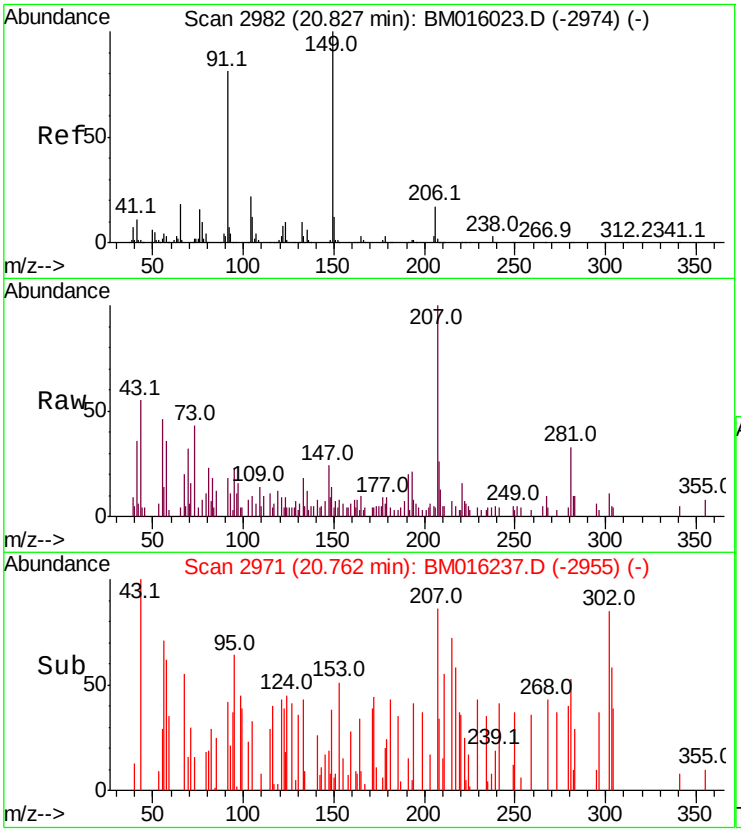


#78
Terphenyl-d14
Concen: 0.217 ng
RT: 20.09 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:244 Resp: 283990

Ion	Ratio	Lower	Upper
244	100		
212	9.9	4.9	7.3#
122	9.7	6.2	9.4#



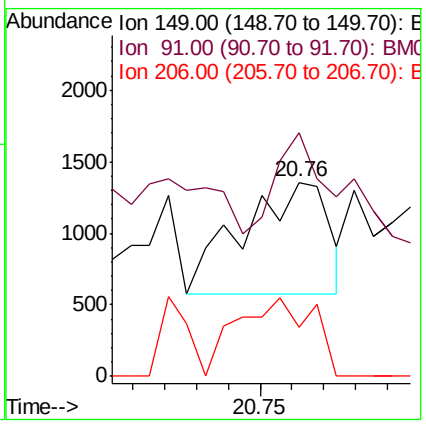


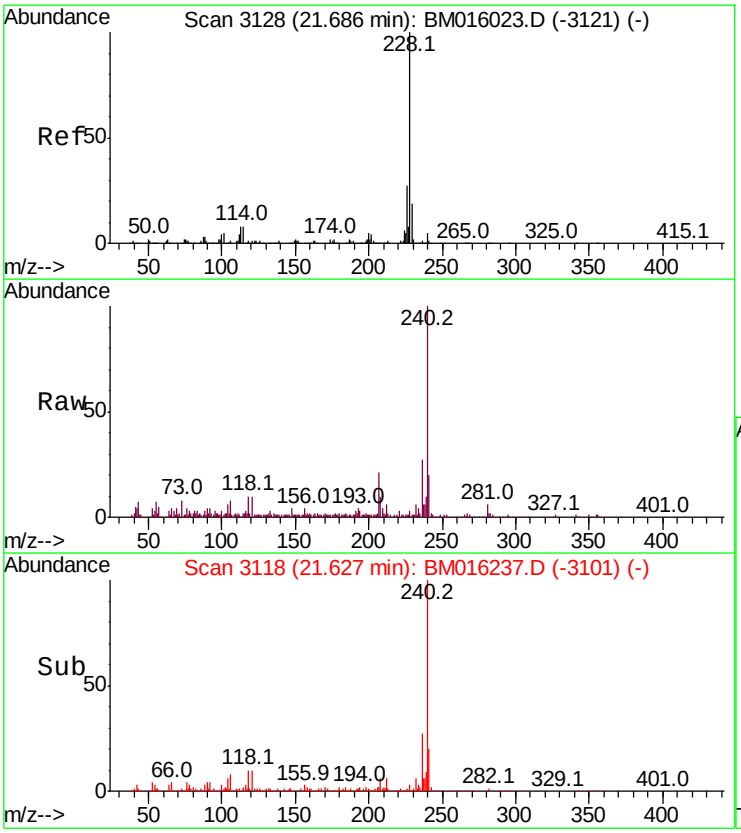
#79
Butylbenzylphthalate
Concen: 0.151 ng
RT: 20.76 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1486

Ion	Ratio	Lower	Upper
149	100		
91	125.4	50.1	75.1#
206	25.6	16.2	24.2#

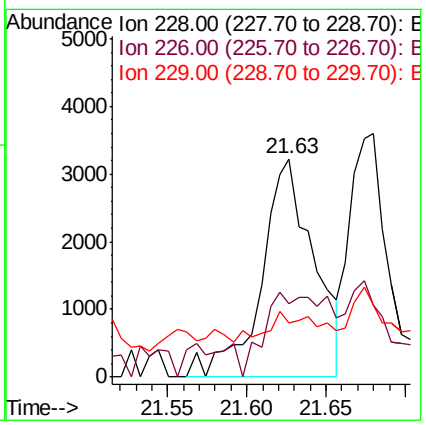


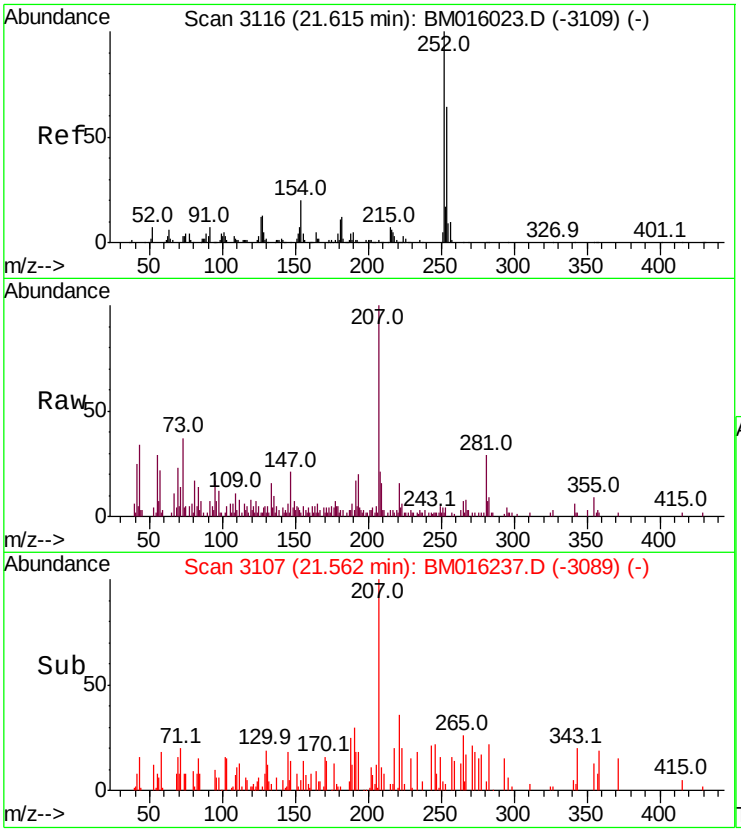


#80
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:228 Resp: 7441

Ion	Ratio	Lower	Upper
228	100		
226	33.4	21.7	32.5#
229	24.8	16.0	24.0#



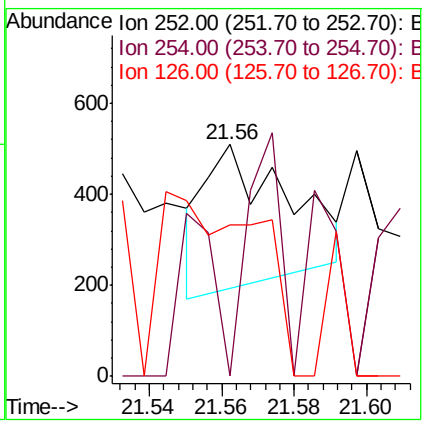


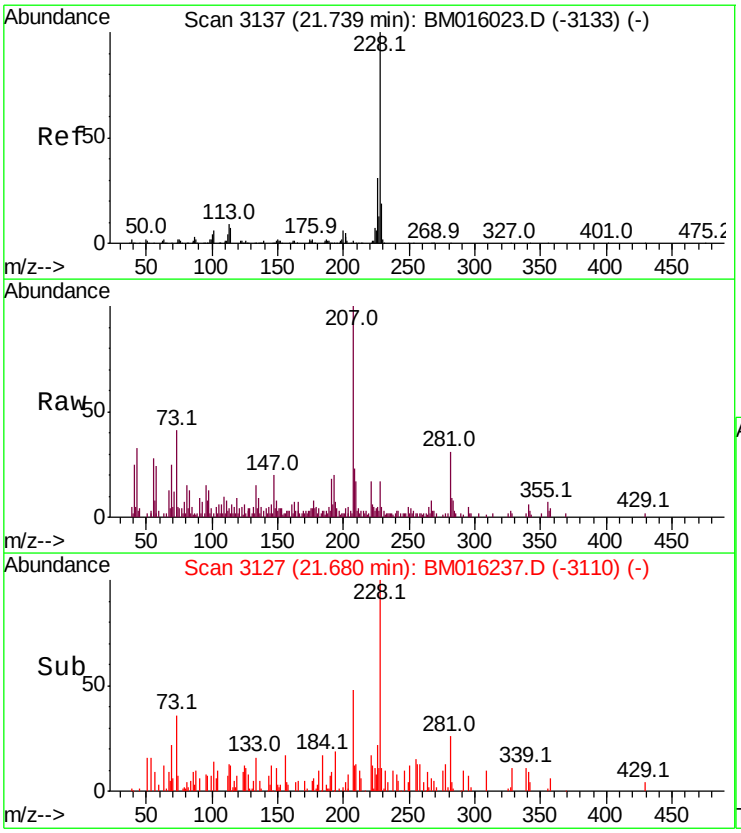
#81
3,3'-Dichlorobenzidine
Concen: 0.062 ng
RT: 21.56 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 494

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.9	77.9#
126	65.2	9.8	14.8#

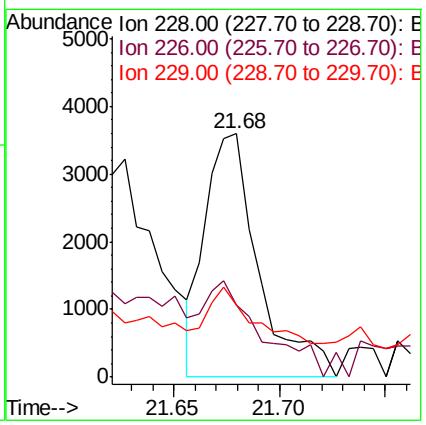


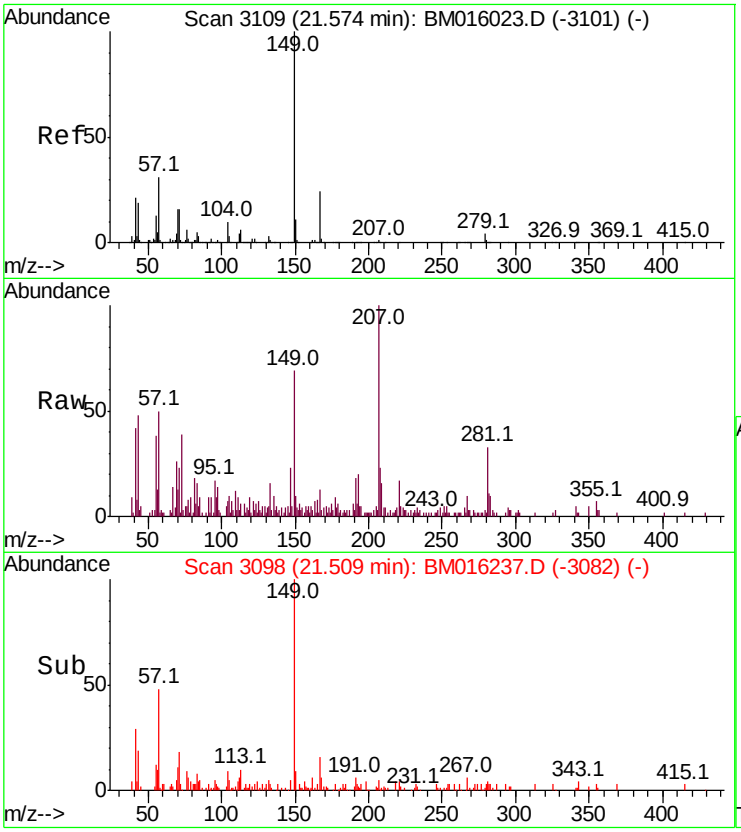


#82
Chrysene
Concen: 0.332 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:228 Resp: 6354

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	29.7	15.5	23.3#



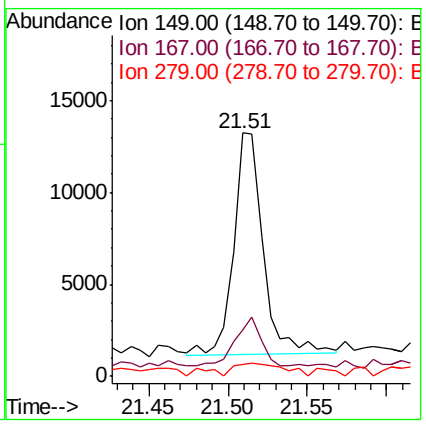


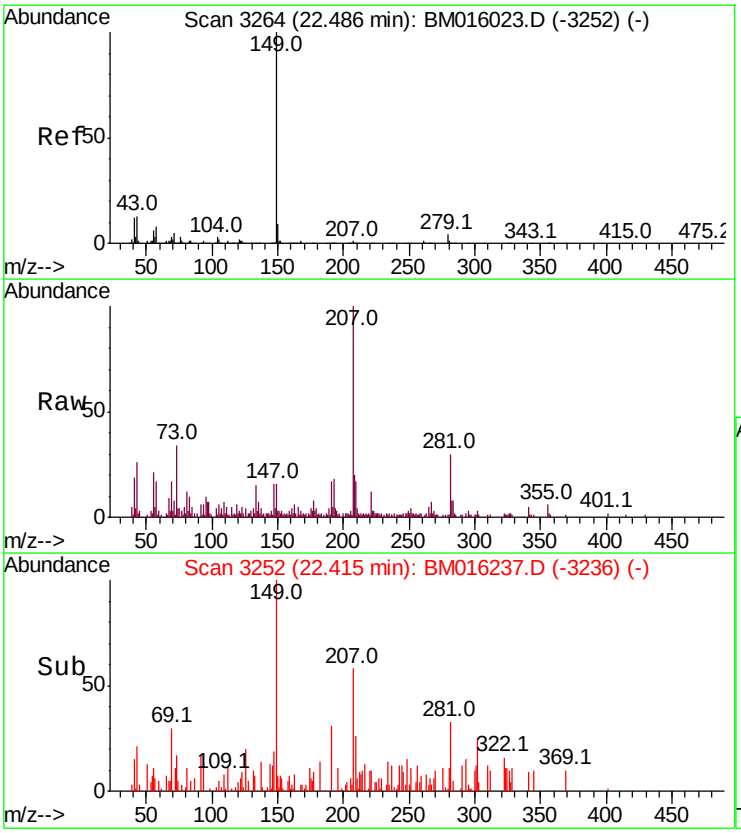
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.088 ng
RT: 21.51 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 15532

Ion	Ratio	Lower	Upper
149	100		
167	19.0	22.4	33.6#
279	5.0	3.4	5.0

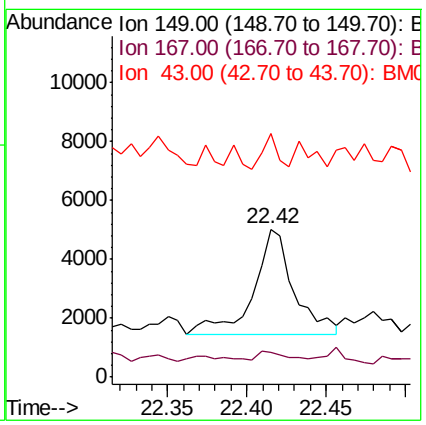


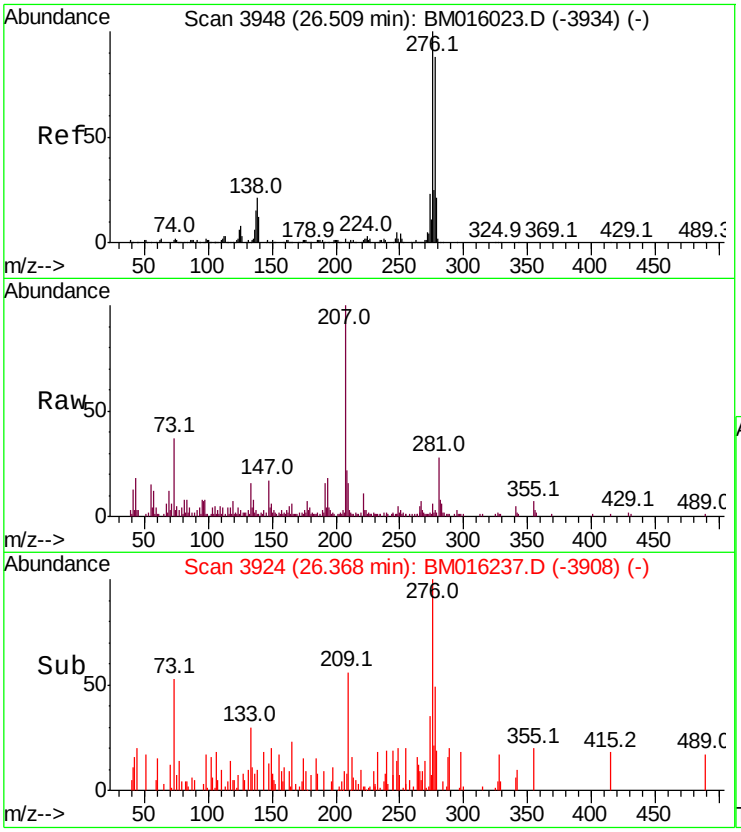


#84
Di-n-octyl phthalate
Concen: 0.269 ng
RT: 22.42 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:149 Resp: 6450

Ion	Ratio	Lower	Upper
149	100		
167	8.4	1.2	1.8#
43	12.4	7.3	10.9#



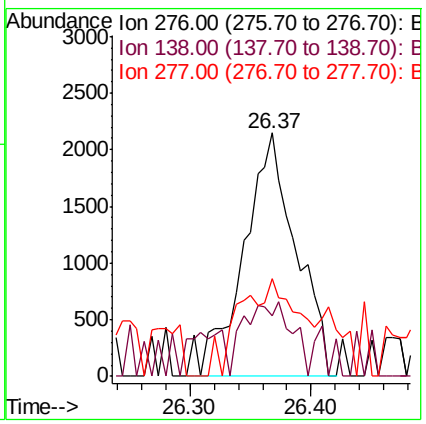


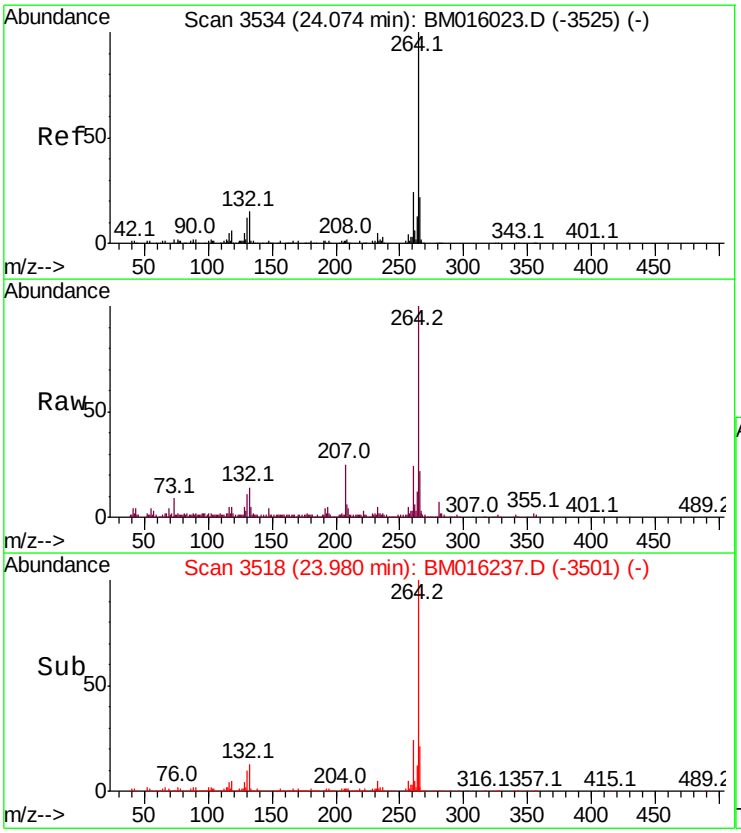
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng
RT: 26.37 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 6536

Ion	Ratio	Lower	Upper
276	100		
138	27.3	12.0	18.0#
277	0.0	20.0	30.0#

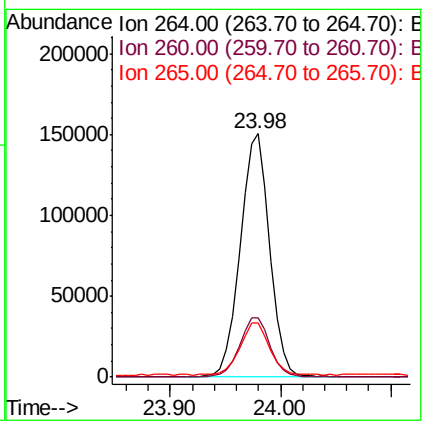


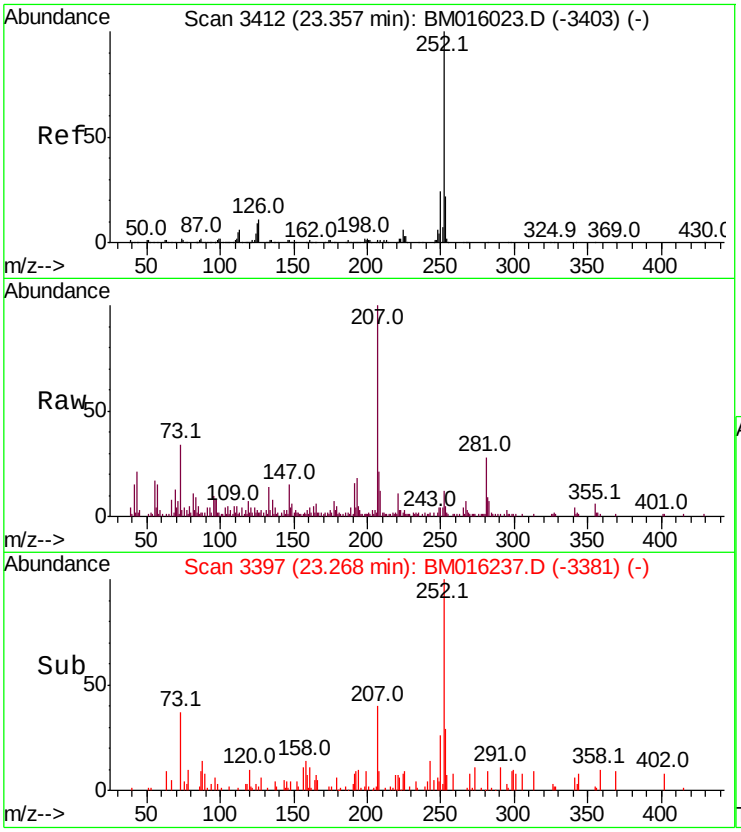


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.98 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:264 Resp: 281855

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.1	17.3	25.9



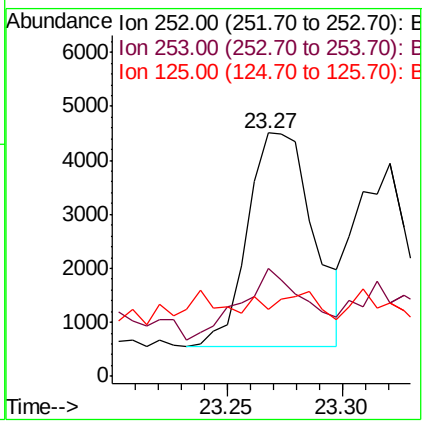


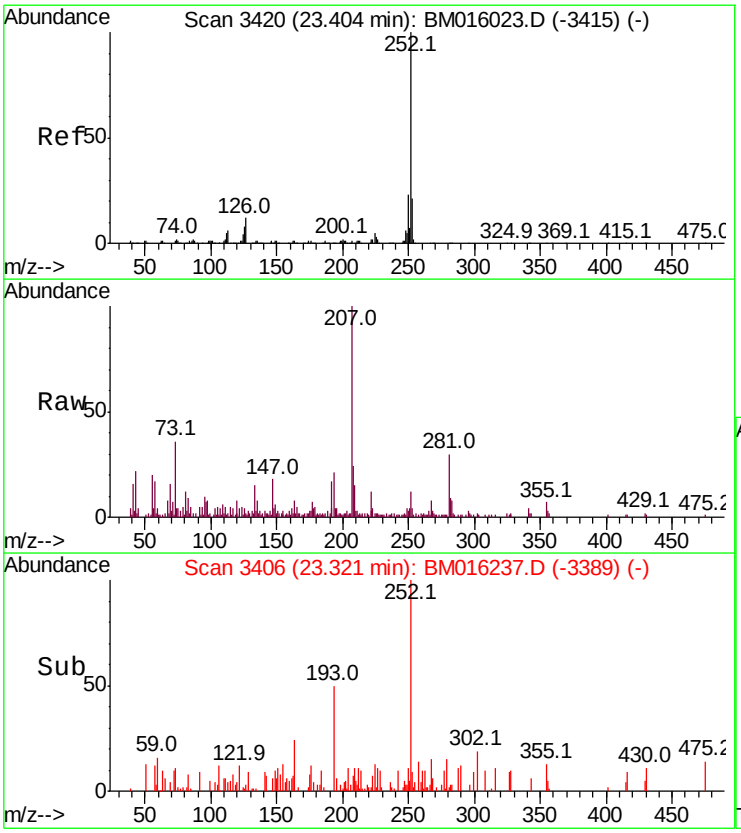
#87
Benzo(b)fluoranthene
Concen: 0.474 ng
RT: 23.27 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 7865

Ion	Ratio	Lower	Upper
252	100		
253	44.2	18.0	27.0#
125	27.7	9.9	14.9#

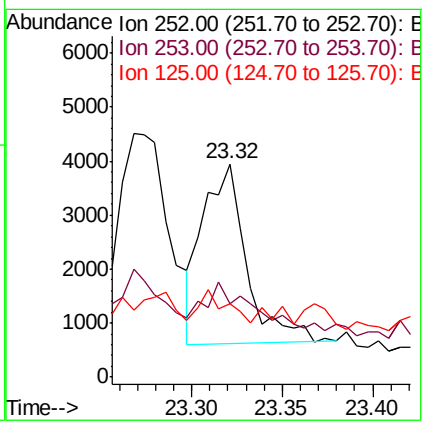


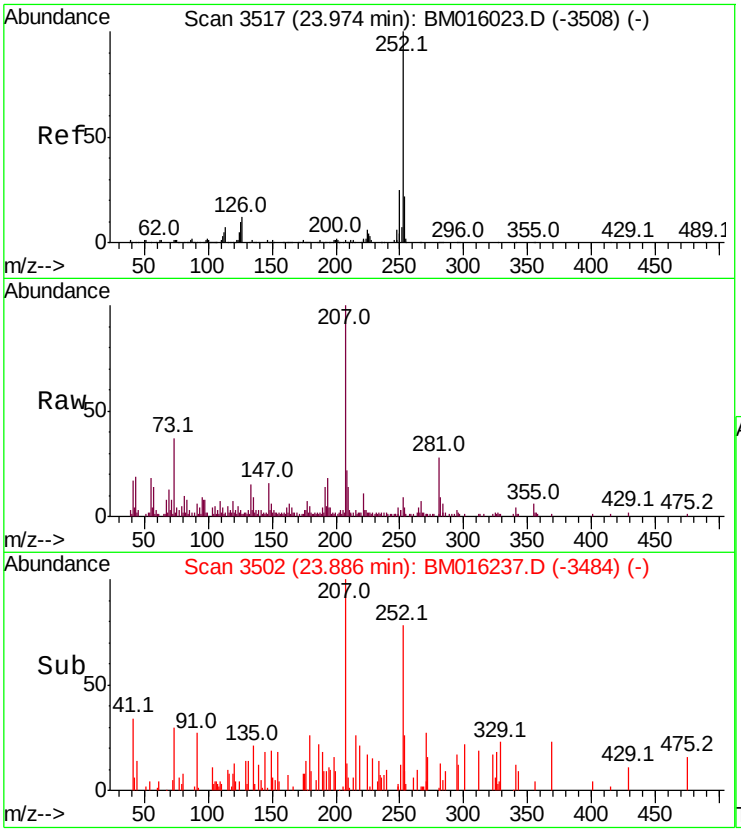


#88
Benzo(k)fluoranthene
Concen: 0.333 ng
RT: 23.32 min Scan# 3406
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:252 Resp: 5594

Ion	Ratio	Lower	Upper
252	100		
253	34.4	17.2	25.8#
125	34.6	8.1	12.1#



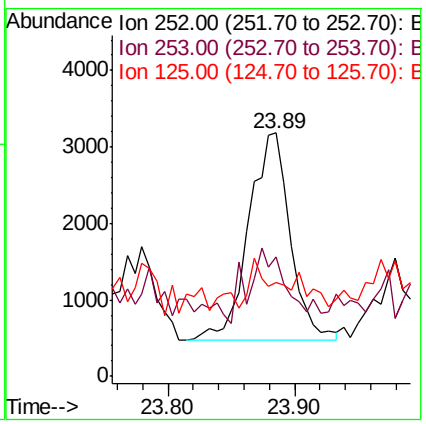


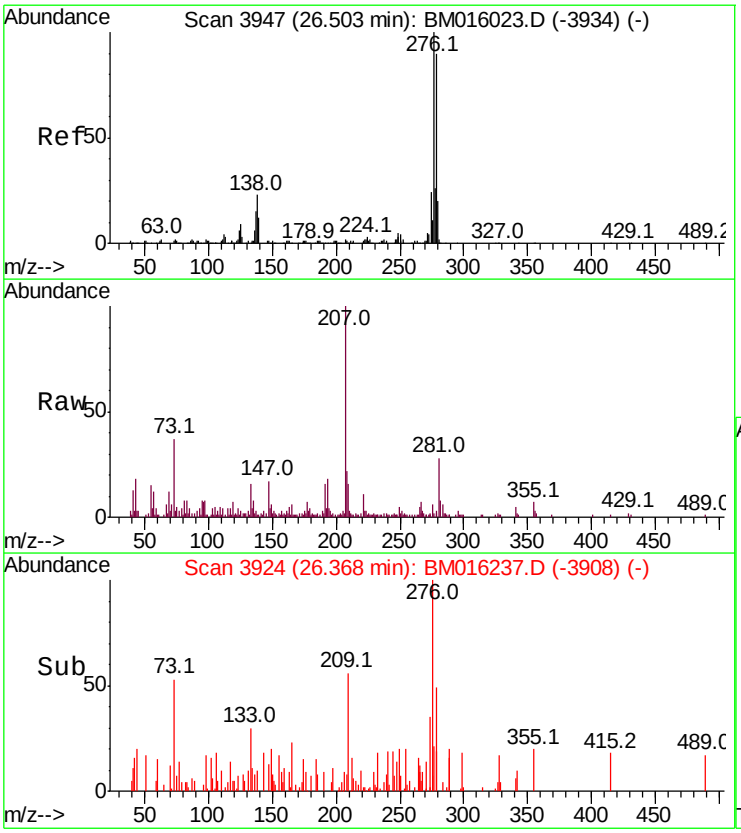
#89
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.89 min Scan# 3502
Delta R.T. 0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 6136

Ion	Ratio	Lower	Upper
252	100		
253	49.1	17.6	26.4#
125	38.7	7.4	11.2#

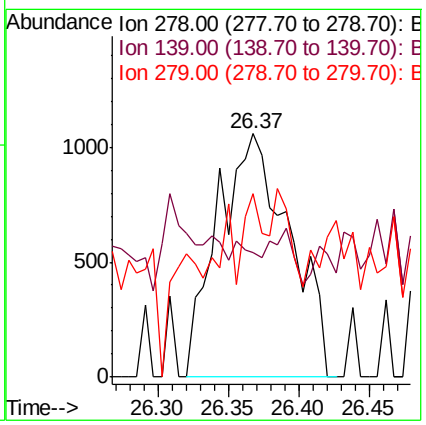


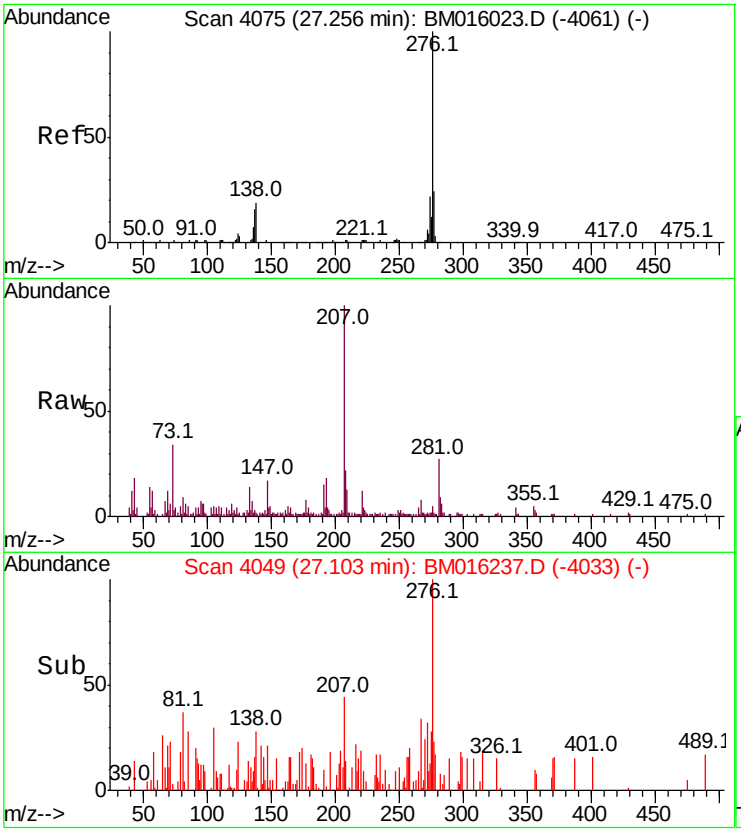


#90
Dibenzo(a,h)anthracene
Concen: 0.228 ng
RT: 26.37 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:278 Resp: 3769

Ion	Ratio	Lower	Upper
278	100		
139	51.3	13.4	20.0#
279	75.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.511 ng
RT: 27.10 min Scan# 4049
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 7992

Ion	Ratio	Lower	Upper
276	100		
277	38.3	18.5	27.7#
138	27.7	19.0	28.6