Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072418\
Data File : BM016058.D
Acq On : 24 Jul 2018 16:39
Operator : SJ/JU
Sample : J4086-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1536

Quant Time: Jul 25 05:33:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	38480	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	143616	20.00	ng		0.00
38) Acenaphthene-d10	14.85	164	78070	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	171939	20.00	ng		0.00
75) Chrysene-d12	21.70	240	189954	20.00	ng		0.00
86) Perylene-d12	24.07	264	212607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	355408	153.42	ng		0.00
7) Phenol-d6	7.39	99	454568	150.26	ng		0.00
23) Nitrobenzene-d5	9.42	82	332992	107.84	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	162776	164.39	ng		0.00
44) 2-Fluorobiphenyl	13.47	172	661163	103.04	ng		0.00
78) Terphenyl-d14	20.15	244	1165654	128.45	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.86	42	180091	88.308	ng	#	35
11) bis(2-Chloroethyl)ether	7.65	93	187291	78.372	ng		87
12) 1,3-Dichlorobenzene	8.11	146	517034	160.438	ng	#	89
13) 1,4-Dichlorobenzene	8.26	146	176364	53.961	ng	#	93
15) Benzyl Alcohol	8.55	79	6245	2.593	ng	#	43
24) Nitrobenzene	9.46	77	486116	156.404	ng		96
31) Naphthalene	11.10	128	1410251	194.021	ng		99
34) Hexachlorobutadiene	11.36	225	270138	149.224	ng		99
37) 2-Methylnaphthalene	12.70	142	983970	202.087	ng	#	90
40) Hexachlorocyclopentadiene	13.02	237	130612	98.185	ng		96
46) 2-Chloronaphthalene	13.75	162	958118	174.842	ng	#	90
48) Acenaphthylene	14.58	152	939287	117.085	ng		98
50) 2,6-Dinitrotoluene	14.45	165	211295	153.703	ng	#	53
51) Acenaphthene	14.92	154	263486	53.404	ng		95
54) Dibenzofuran	15.25	168	1051512	129.331	ng	#	81
56) 2,4-Dinitrotoluene	15.23	165	373509	190.020	ng		91
57) Fluorene	15.90	166	870945	144.155	ng		99
59) Diethylphthalate	15.65	149	1363898	185.206	ng		95
60) 4-Chlorophenyl-phenylether	15.88	204	459161	136.519	ng	#	84
61) 4-Nitroaniline	15.90	138	16648	11.686	ng	#	34
66) 4-Bromophenyl-phenylether	16.77	248	134232	68.945	ng	#	76
67) Hexachlorobenzene	16.89	284	129290	60.302	ng	#	64
70) Phenanthrene	17.63	178	1347792	140.013	ng		98
71) Anthracene	17.72	178	1514419	161.872	ng		98
73) Di-n-butylphthalate	18.51	149	1639040	135.712	ng	#	97
74) Fluoranthene	19.61	202	1151439	107.233	ng		99
77) Pyrene	19.97	202	1721375	151.218	ng		99
79) Butylbenzylphthalate	20.83	149	1037116	179.345	ng	#	83
84) Di-n-octyl phthalate	22.49	149	2366447	168.006	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.50	276	211209	15.859	ng	#	69
87) Benzo(b)fluoranthene	23.36	252	1696681	135.541	ng	#	95
88) Benzo(k)fluoranthene	23.40	252	1448654	114.192	ng		98
89) Benzo(a)pyrene	23.97	252	1156973	96.143	ng		99
90) Dibenzo(a,h)anthracene	26.50	278	878569	70.466	ng	#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072418\
Data File : BM016058.D
Acq On : 24 Jul 2018 16:39
Operator : SJ/JU
Sample : J4086-25
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 1536

Quant Time: Jul 25 05:33:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
91) Benzo(g,h,i)perylene	27.27	276	1692830	143.555	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072418\
Data File : BM016058.D
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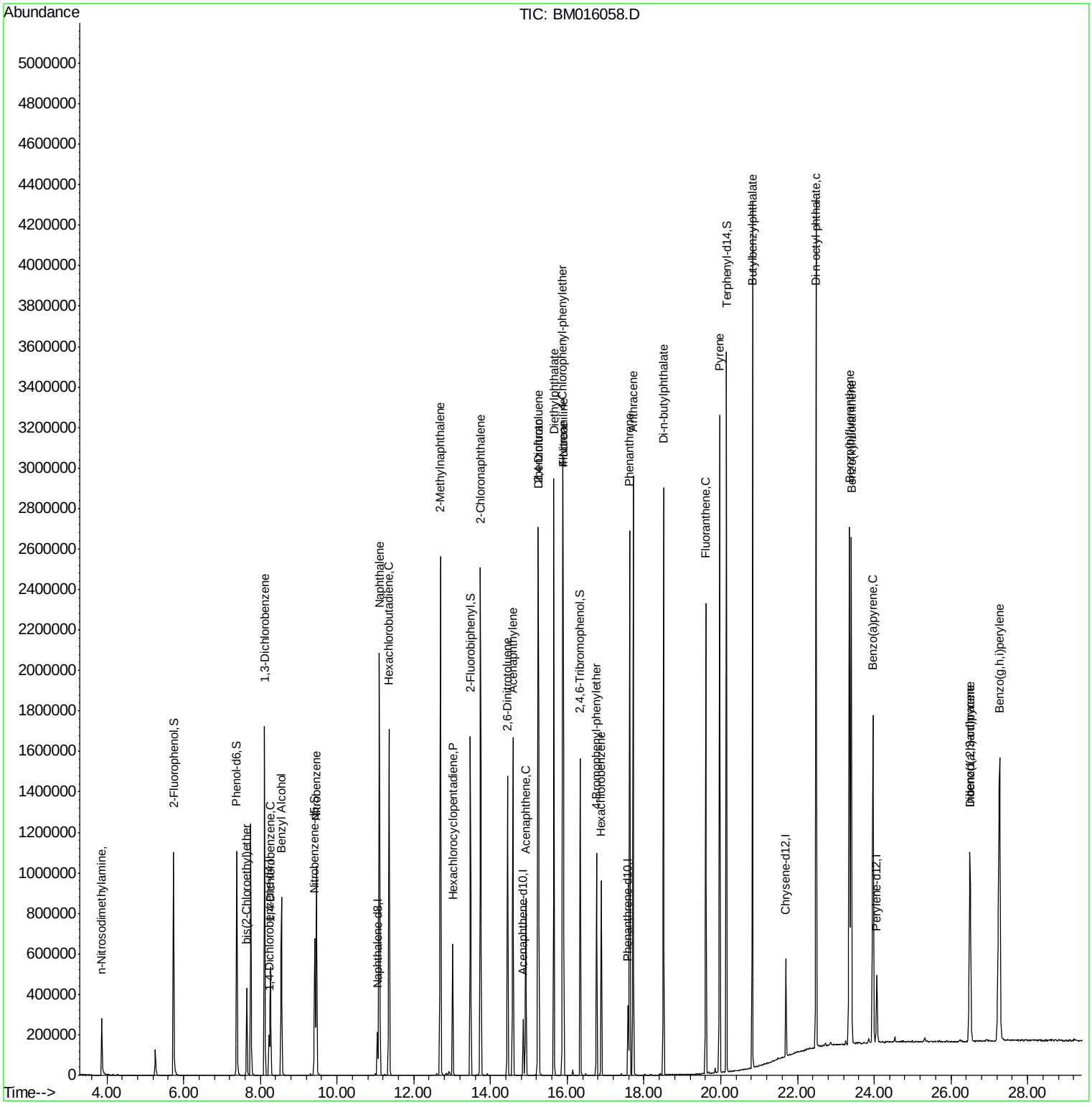
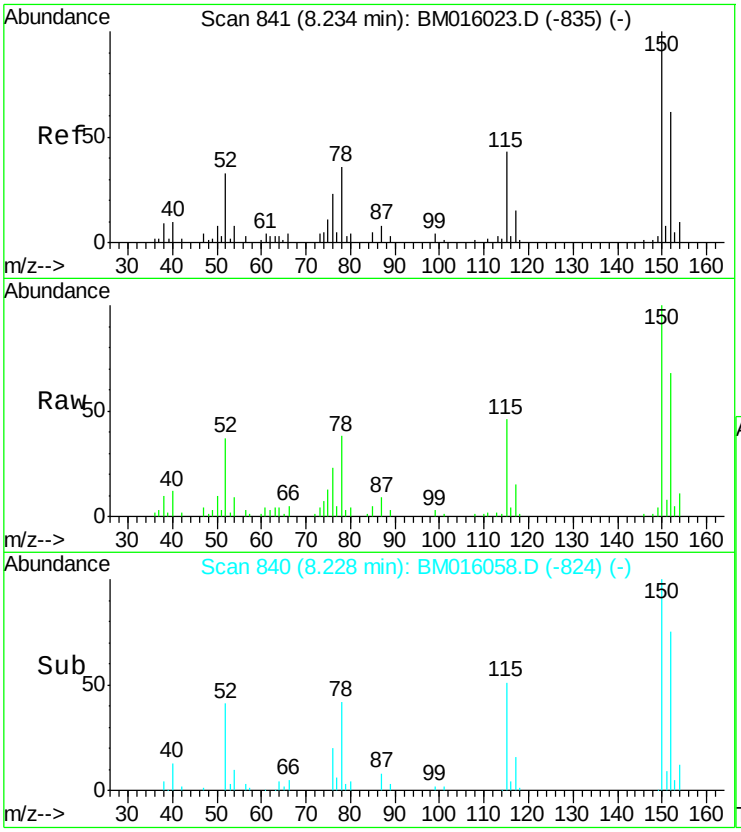
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration



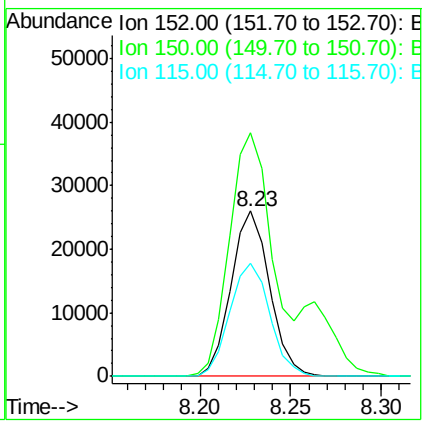


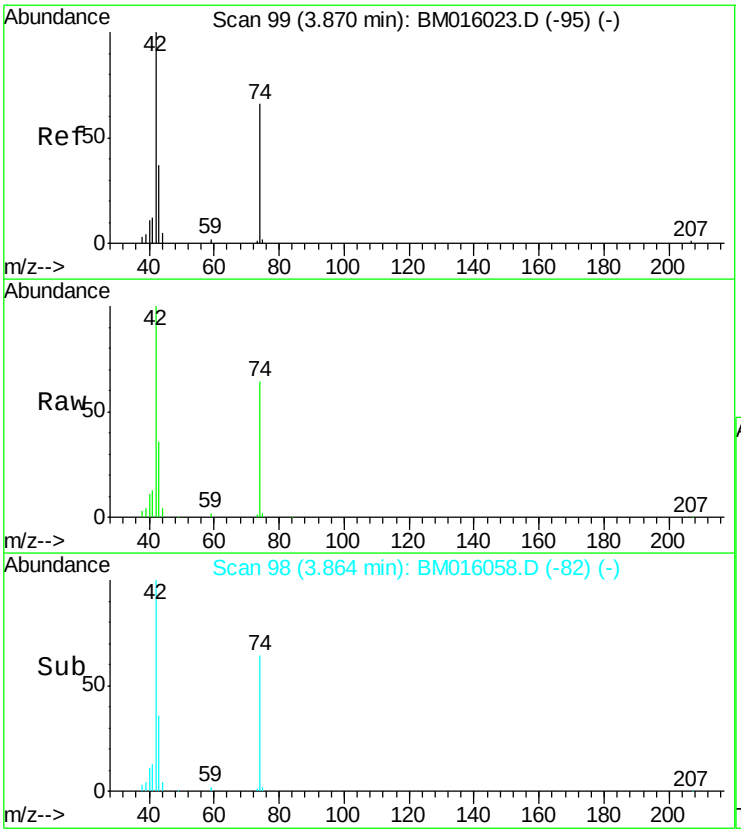
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:152 Resp: 38480

Ion	Ratio	Lower	Upper
152	100		
150	147.2	119.5	179.3
115	68.2	43.0	64.4#

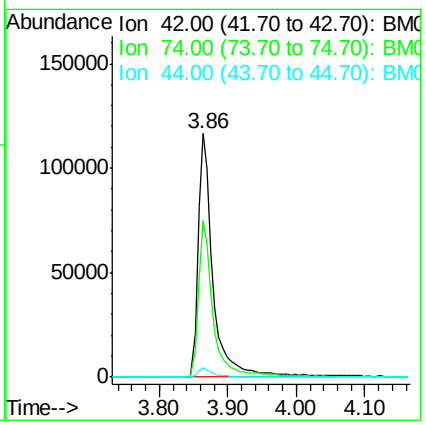


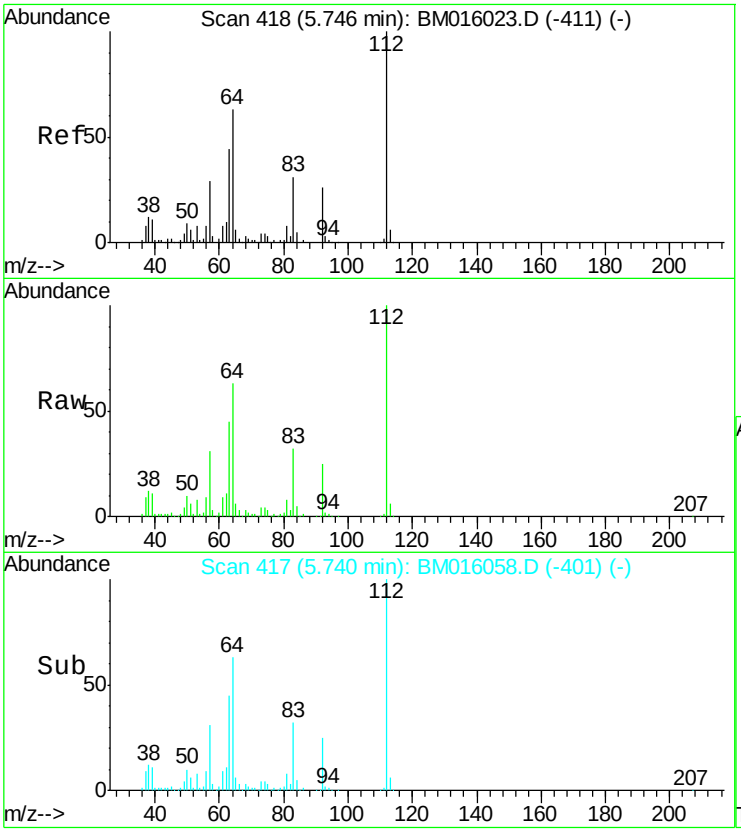


#4
n-Nitrosodimethylamine
Concen: 88.308 ng
RT: 3.86 min Scan# 98
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion: 42 Resp: 180091

Ion	Ratio	Lower	Upper
42	100		
74	64.1	119.3	178.9#
44	3.9	5.4	8.2#



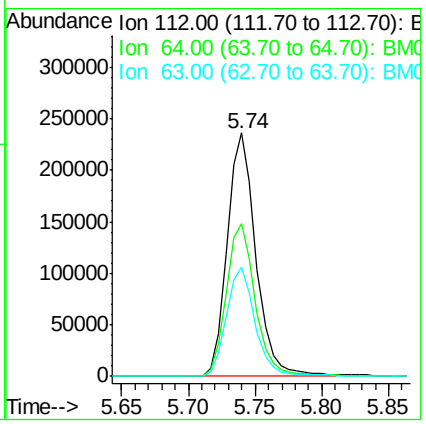


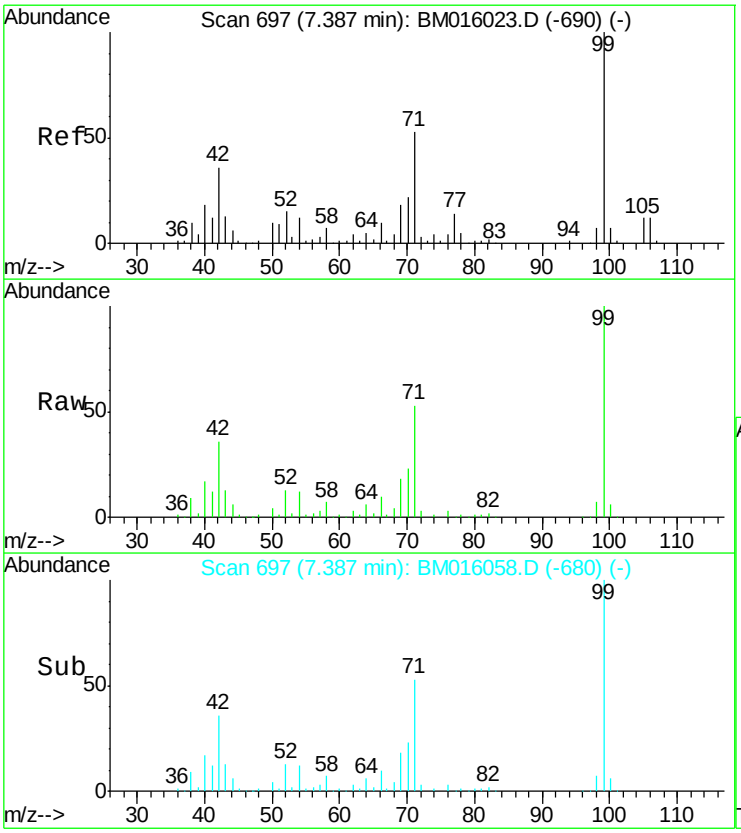
#5
2-Fluorophenol
Concen: 88.308 ng
RT: 5.74 min Scan# 417
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:112 Resp: 355408

Ion	Ratio	Lower	Upper
112	100		
64	62.8	38.6	57.8#
63	44.6	19.3	28.9#

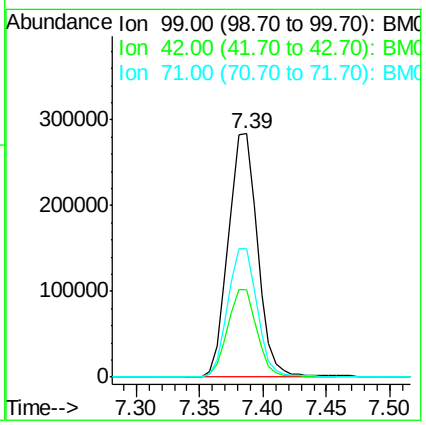


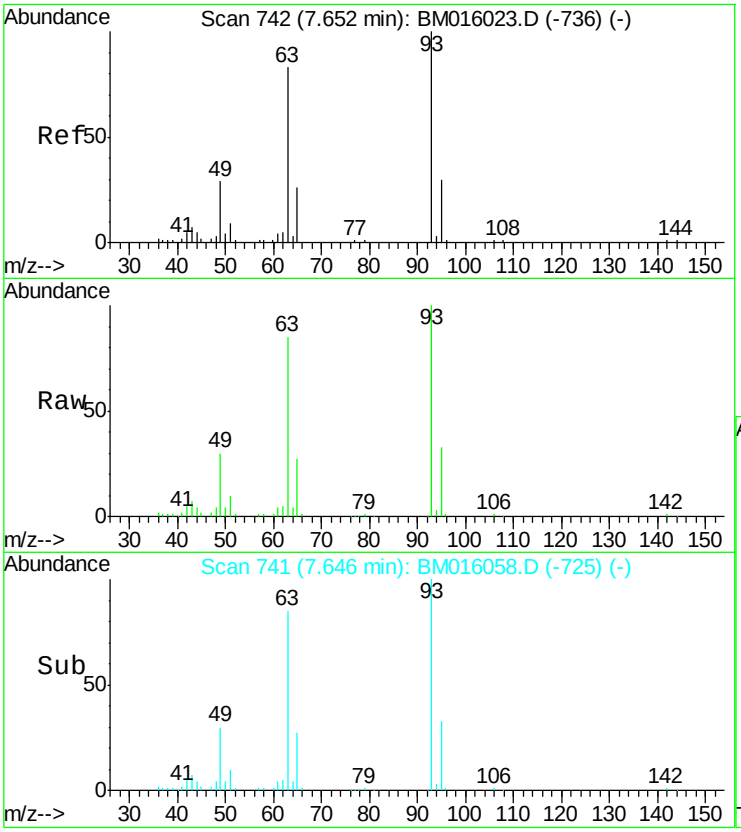


#7
Phenol-d6
Concen: N.D. ng
RT: 7.39 min Scan# 697
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion: 99 Resp: 454568

Ion	Ratio	Lower	Upper
99	100		
42	36.1	11.0	16.4#
71	52.6	23.4	35.2#



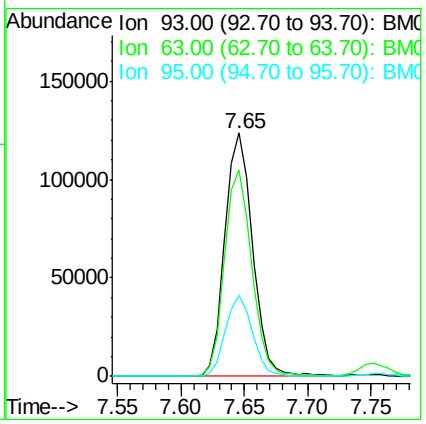


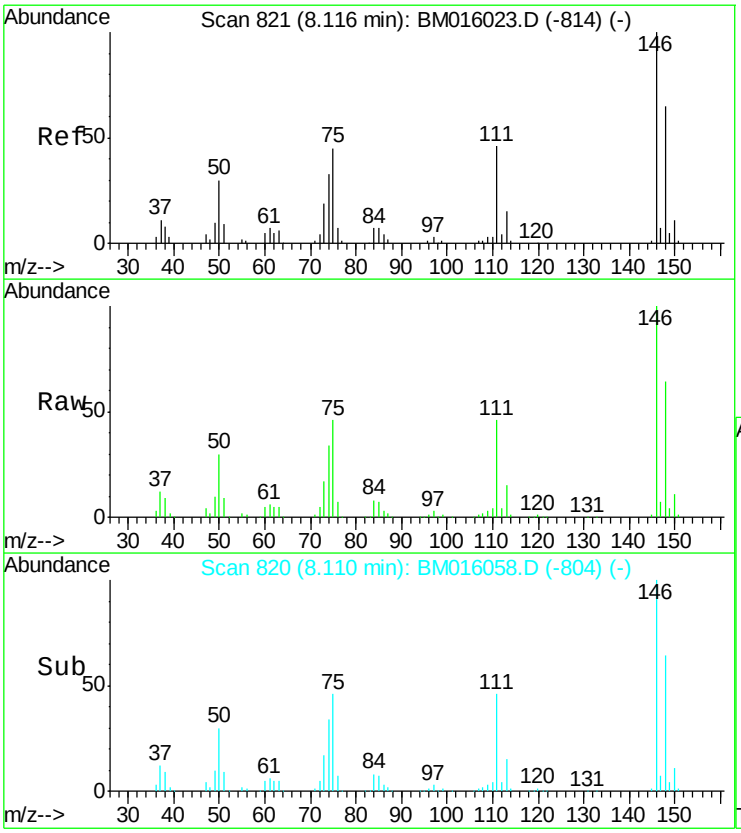
#11
bis(2-Chloroethyl)ether
Concen: 78.372 ng
RT: 7.65 min Scan# 741
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion: 93 Resp: 187291

Ion	Ratio	Lower	Upper
93	100		
63	85.1	49.5	89.5
95	33.5	13.5	53.5

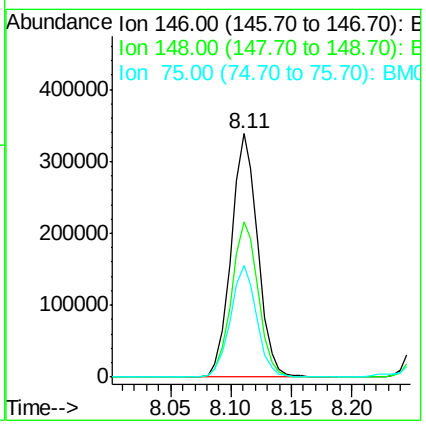


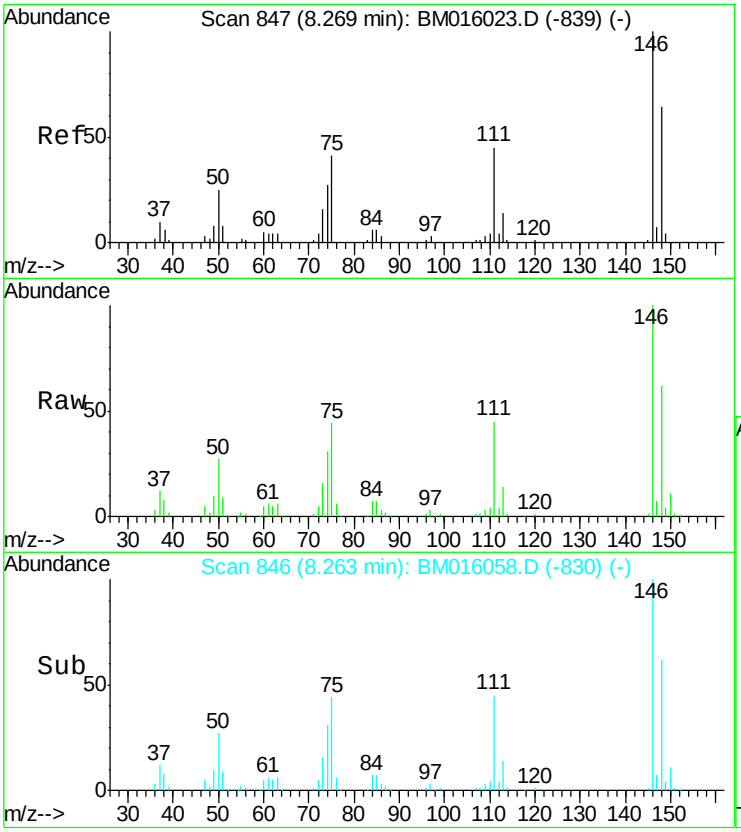


#12
1,3-Dichlorobenzene
Concen: 160.438 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:146 Resp: 517034

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	45.7	21.4	32.2#



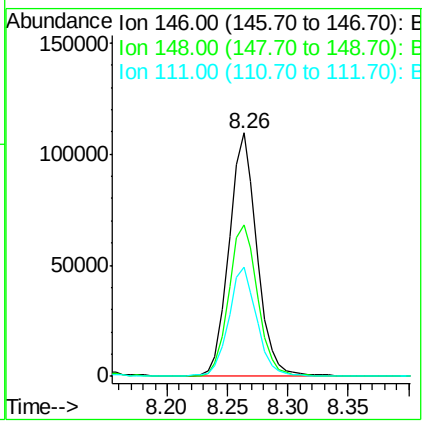


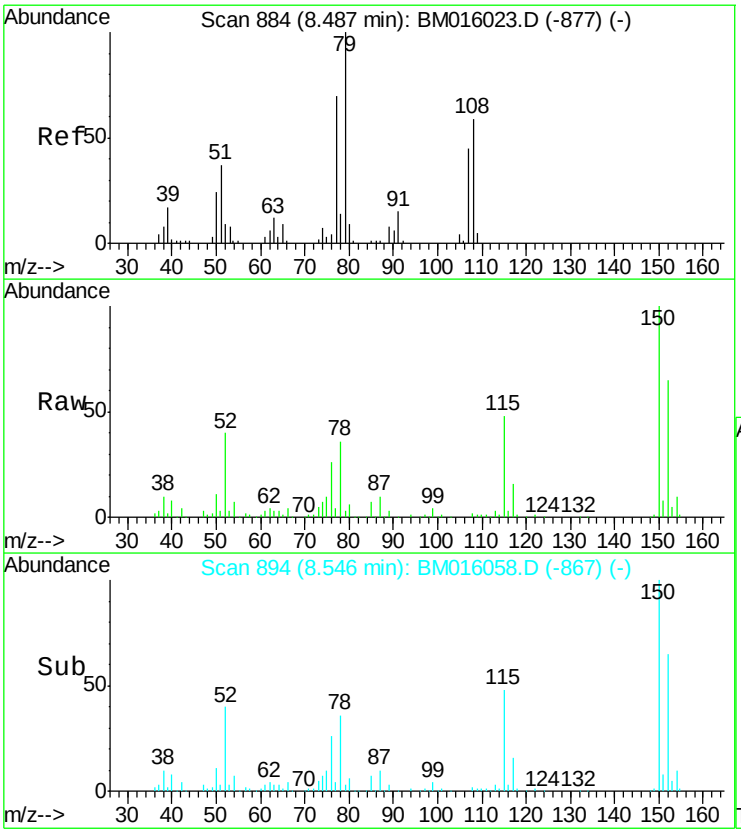
#13
1,4-Dichlorobenzene
Concen: 53.961 ng
RT: 8.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:146 Resp: 176364

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.9	77.9
111	44.8	29.2	43.8#

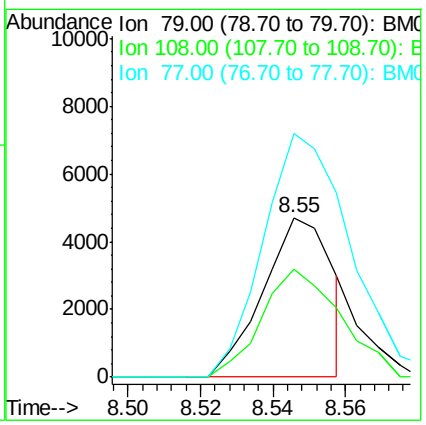


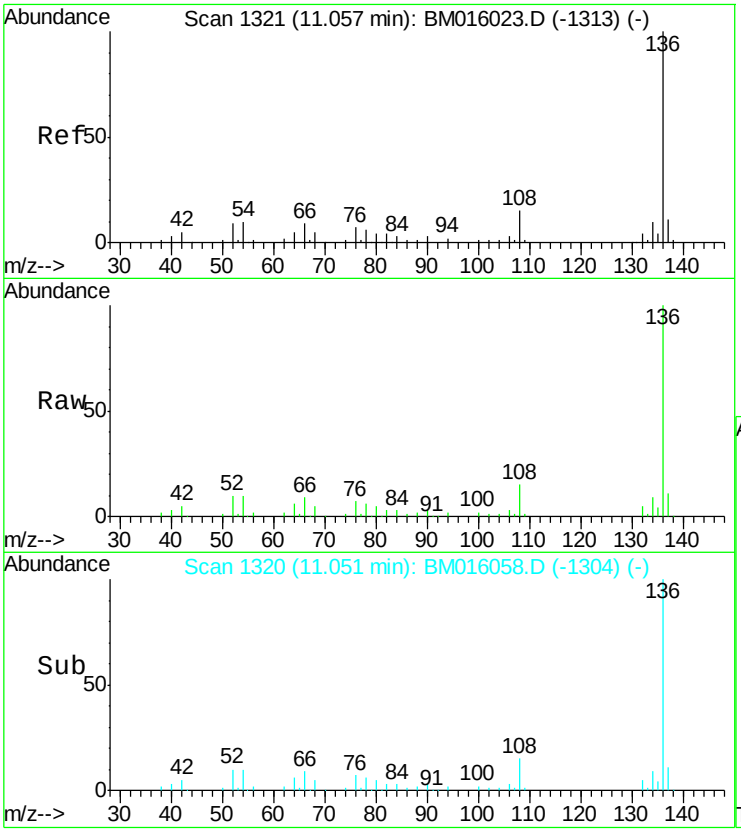


#15
Benzyl Alcohol
Concen: 2.593 ng
RT: 8.55 min Scan# 894
Delta R.T. 0.06 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion: 79 Resp: 6245

Ion	Ratio	Lower	Upper
79	100		
108	68.1	65.0	97.4
77	152.8	53.0	79.6#



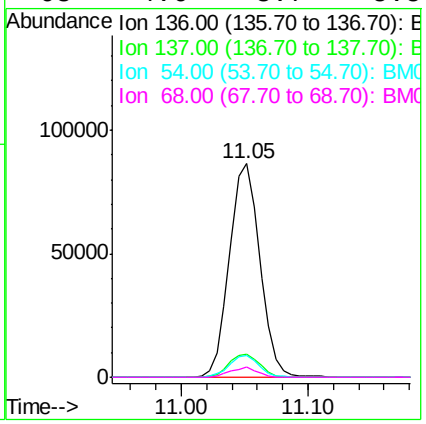


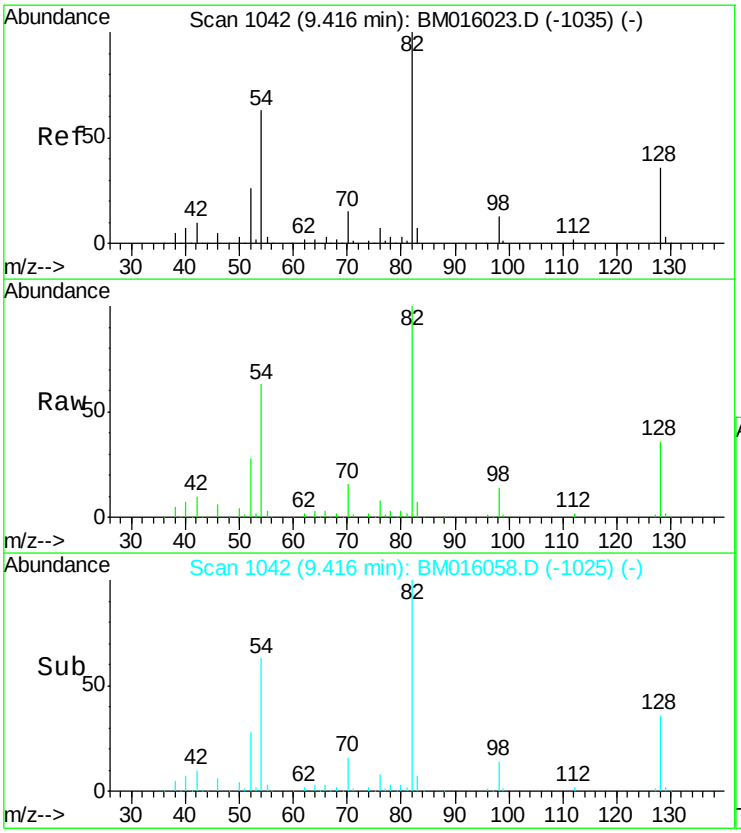
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:136 Resp: 143616

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.9	4.6	6.8#
68	4.6	3.7	5.5

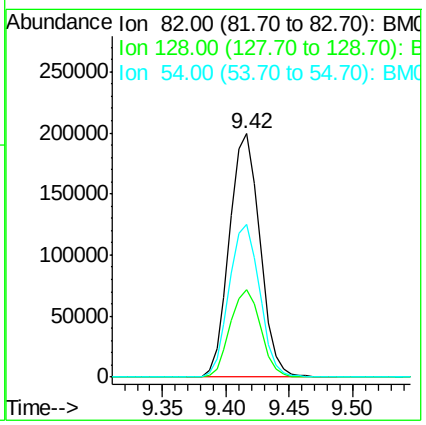


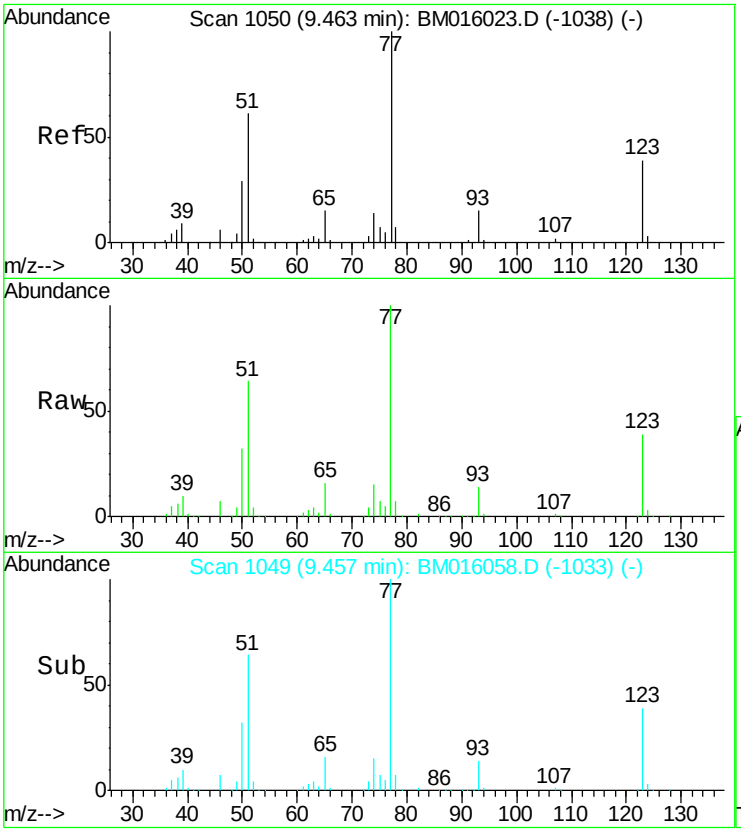


#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.42 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion: 82 Resp: 332992

Ion	Ratio	Lower	Upper
82	100		
128	36.0	32.8	49.2
54	62.7	40.6	60.8#



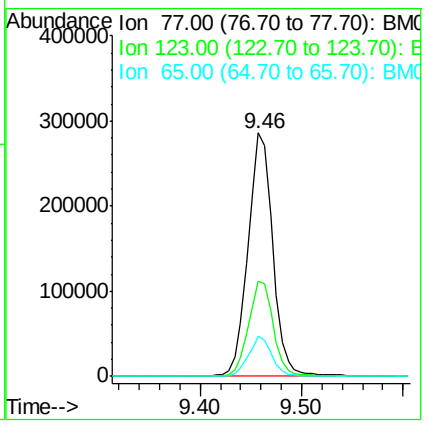


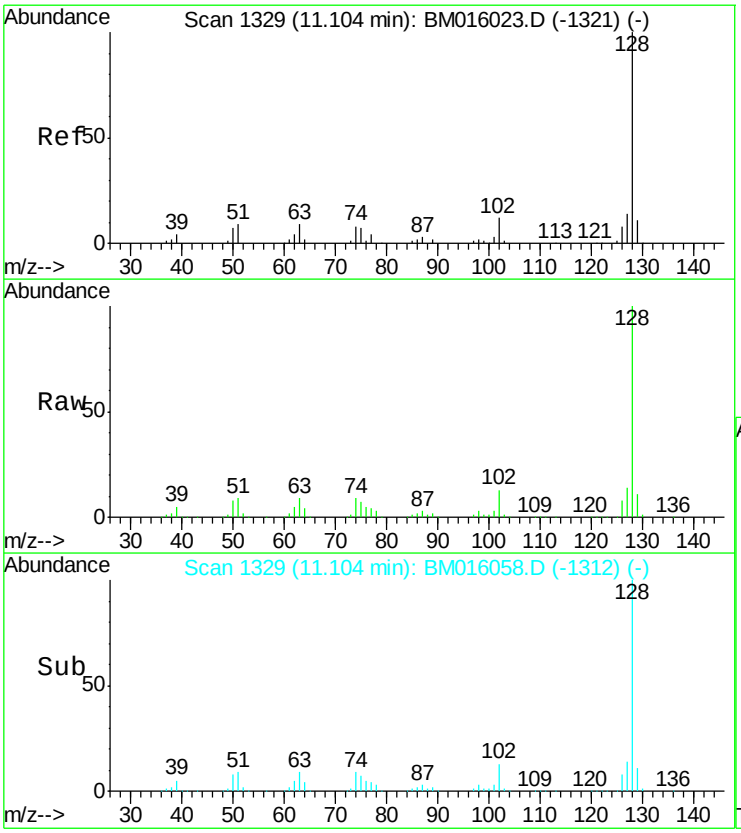
#24
Nitrobenzene
Concen: 156.404 ng
RT: 9.46 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion: 77 Resp: 486116

Ion	Ratio	Lower	Upper
77	100		
123	38.8	32.6	49.0
65	16.3	10.9	16.3

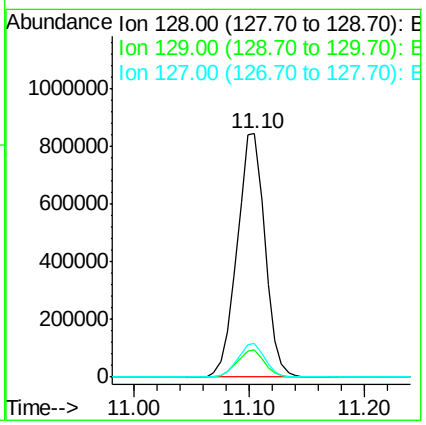


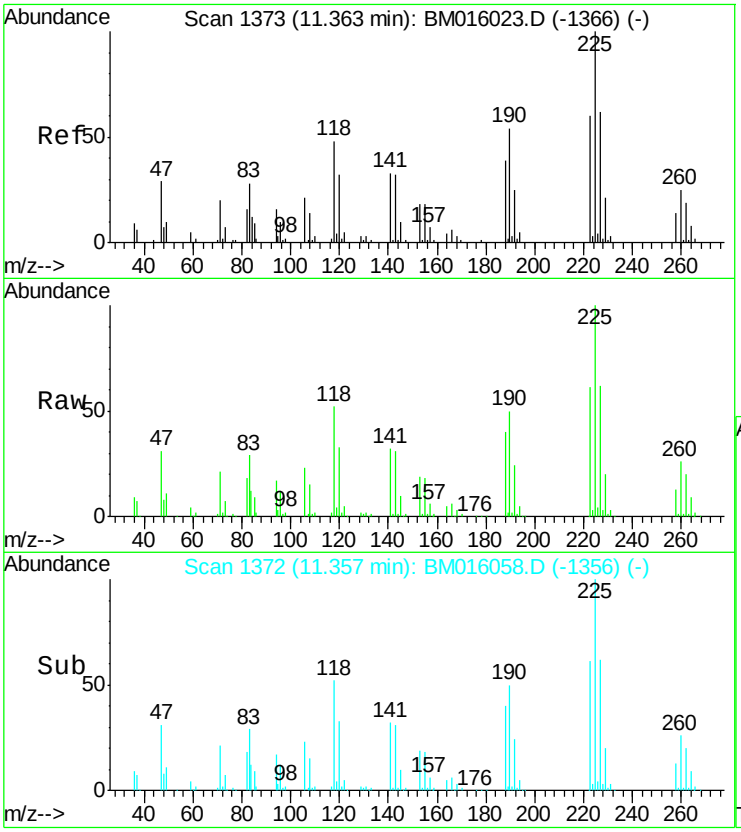


#31
Naphthalene
Concen: 194.021 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:128 Resp: 1410251

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.6	10.4	15.6



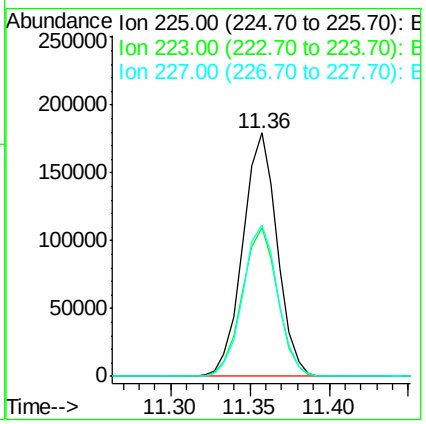


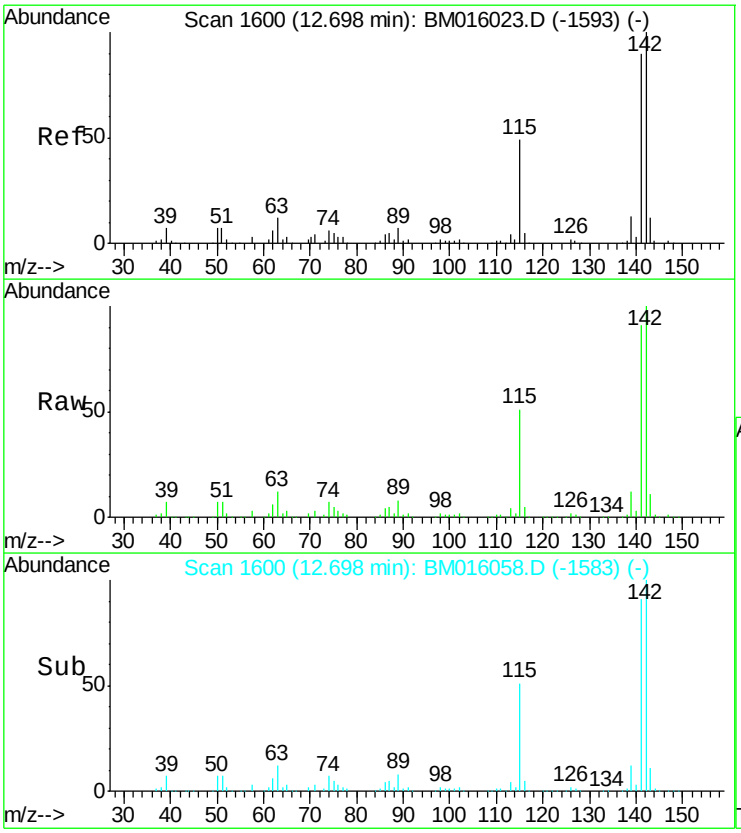
#34
Hexachlorobutadiene
Concen: 149.224 ng
RT: 11.36 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:225 Resp: 270138

Ion	Ratio	Lower	Upper
225	100		
223	61.0	47.9	71.9
227	62.5	50.1	75.1

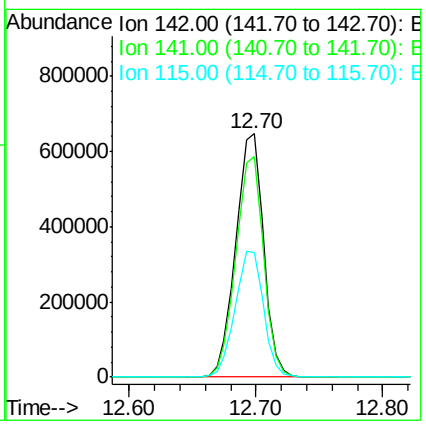


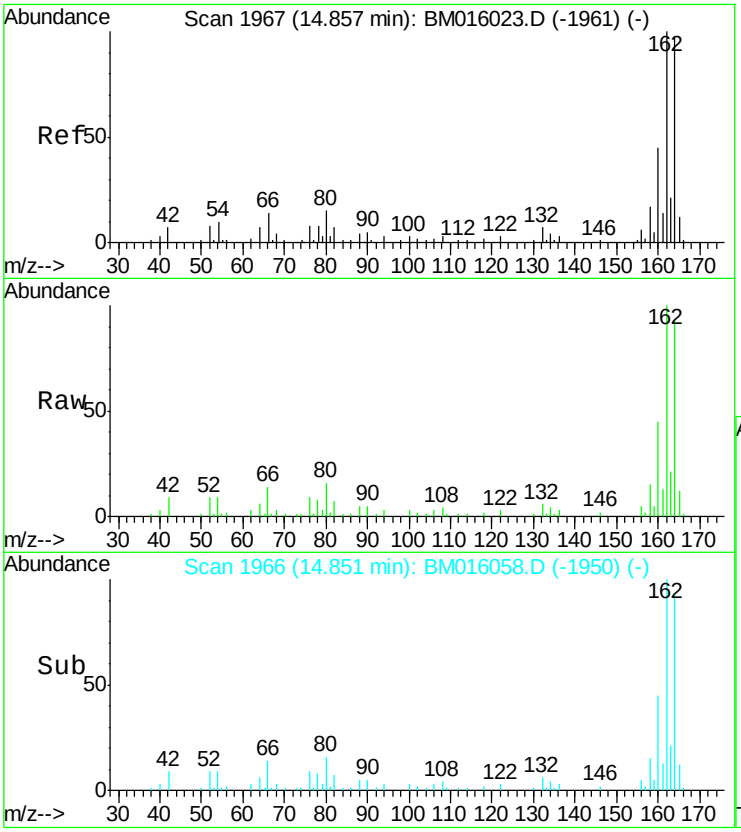


#37
2-Methylnaphthalene
Concen: 202.087 ng
RT: 12.70 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:142 Resp: 983970

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
115	51.3	25.4	38.0#



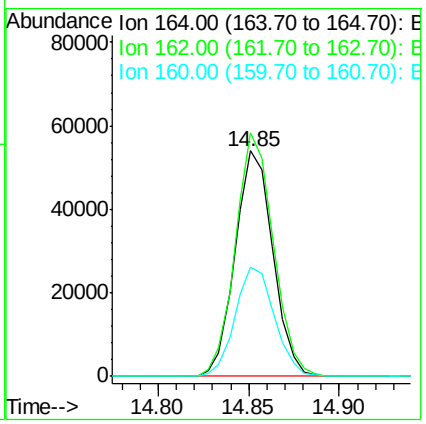


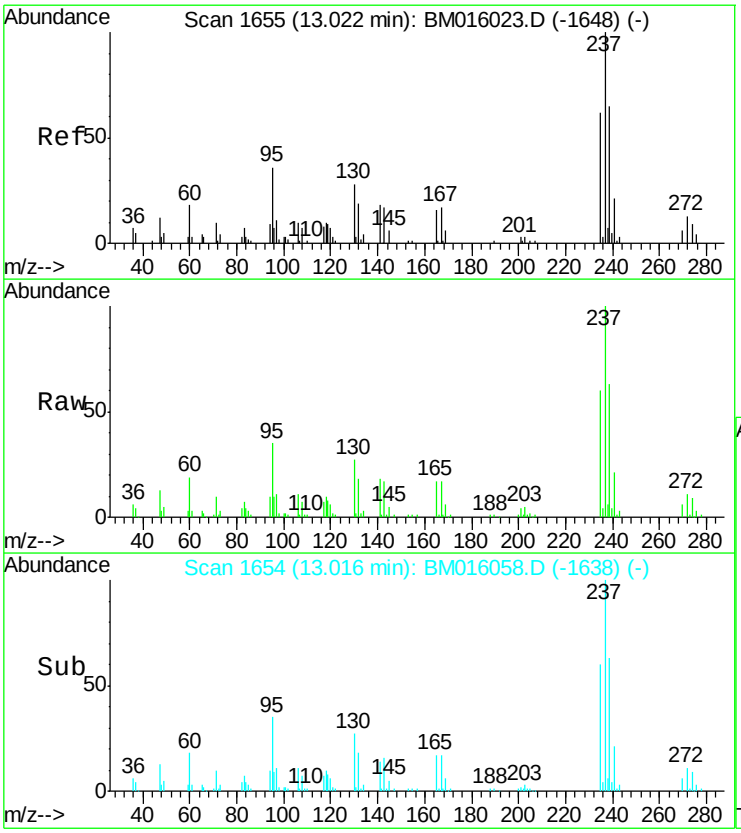
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.85 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:164 Resp: 78070

Ion	Ratio	Lower	Upper
164	100		
162	108.1	82.4	123.6
160	48.2	35.8	53.6

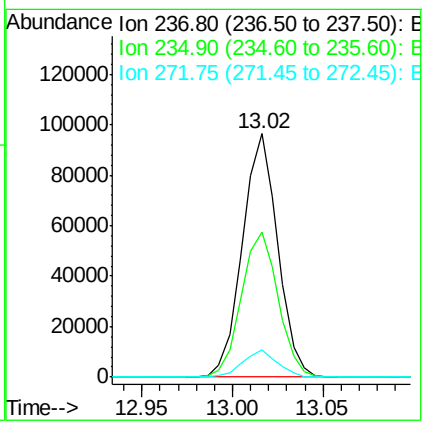


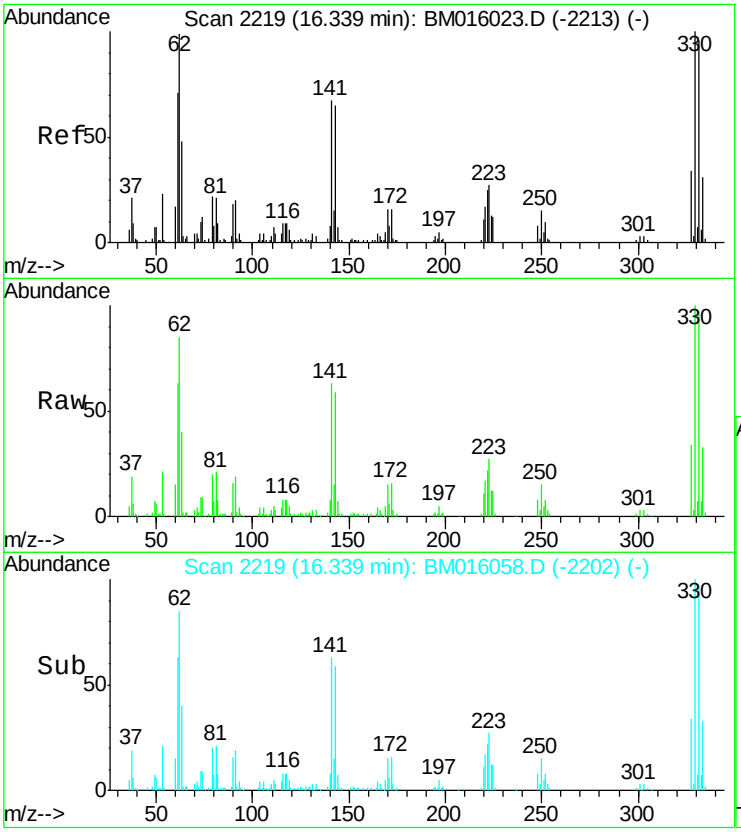


#40
Hexachlorocyclopentadiene
Concen: 98.185 ng
RT: 13.02 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:237 Resp: 130612

Ion	Ratio	Lower	Upper
237	100		
235	59.5	42.0	82.0
272	11.3	0.0	33.4



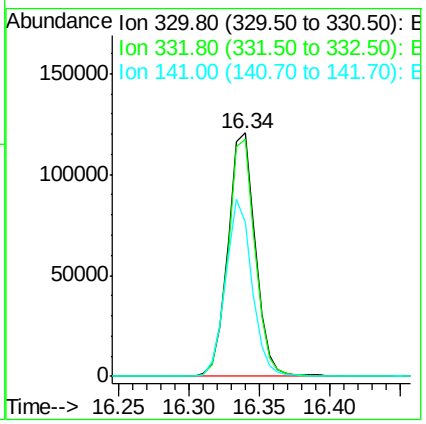


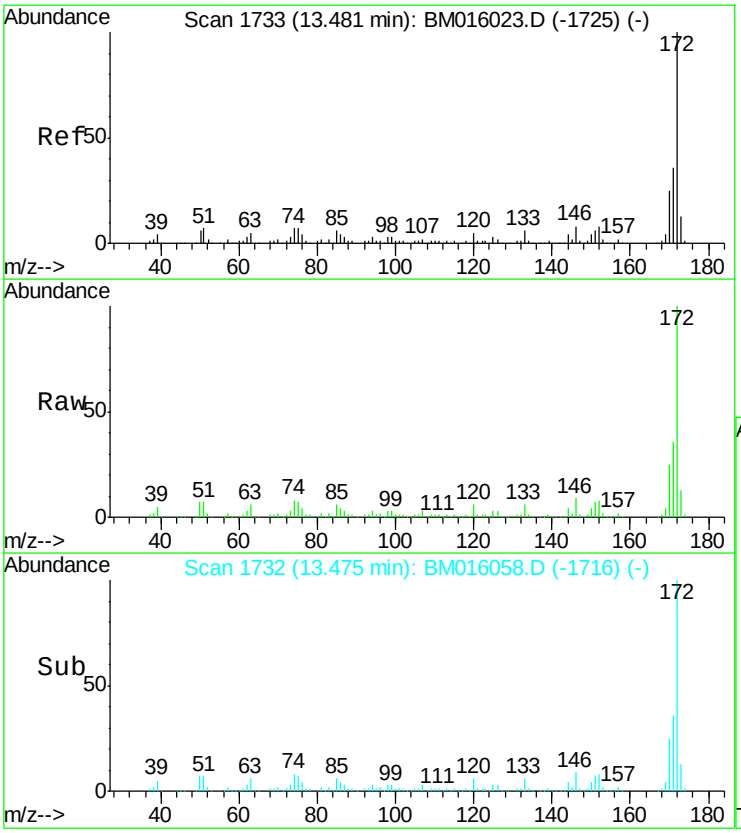
#41
2,4,6-Tribromophenol
Concen: 98.185 ng
RT: 16.34 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:330 Resp: 162776

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	69.9	0.0	0.0#

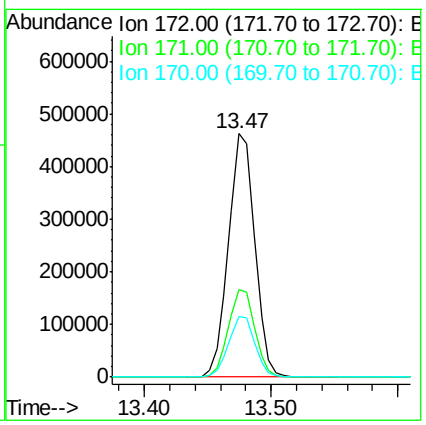


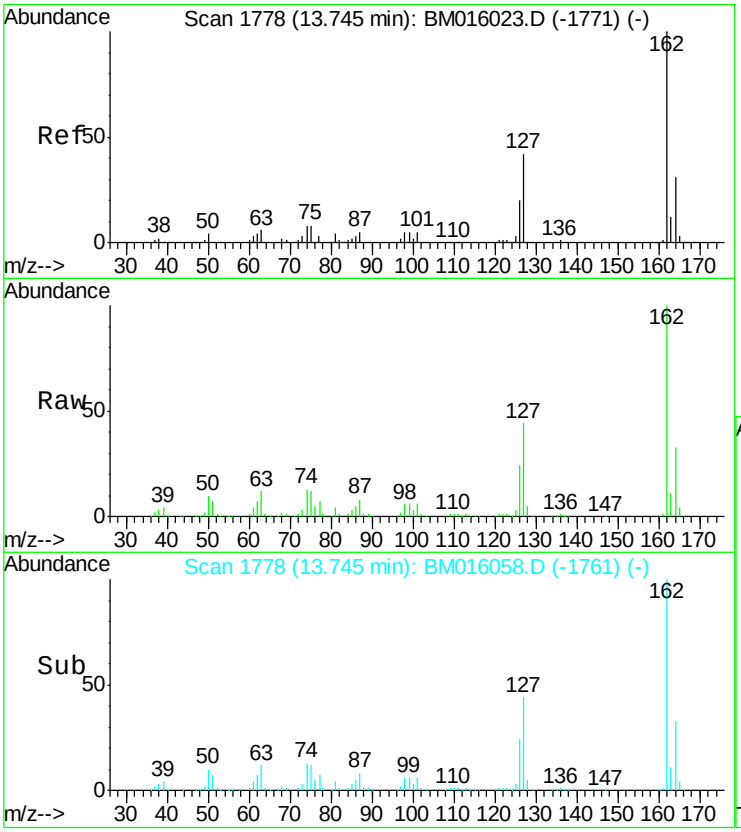


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.47 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:172 Resp: 661163

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	25.0	18.8	28.2



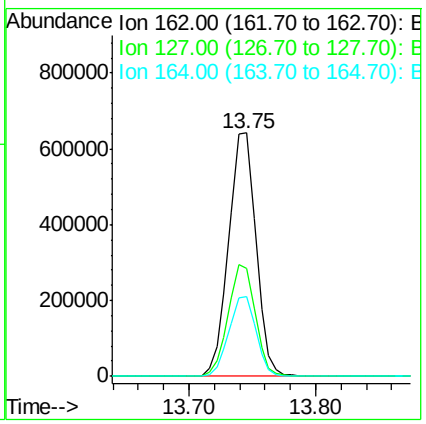


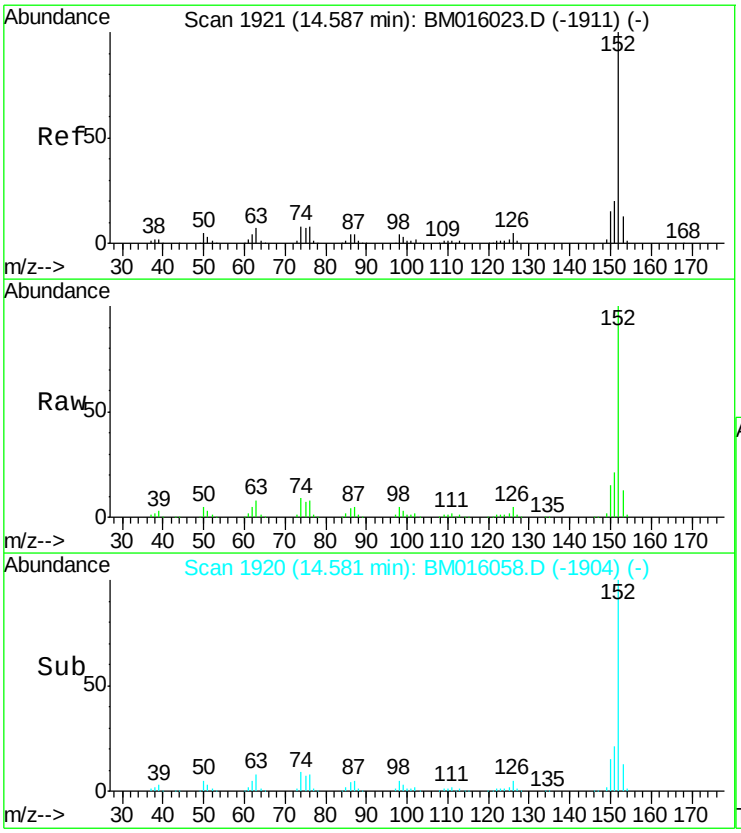
#46
2-Chloronaphthalene
Concen: 174.842 ng
RT: 13.75 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:162 Resp: 958118

Ion	Ratio	Lower	Upper
162	100		
127	44.2	26.9	40.3#
164	32.8	26.8	40.2

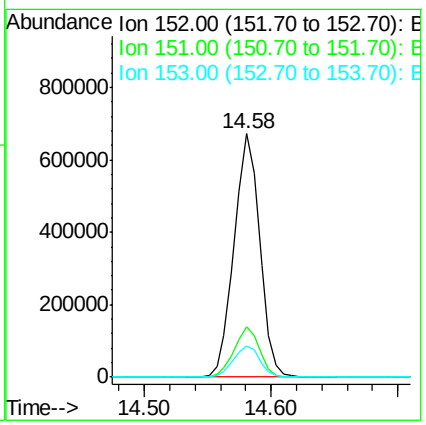


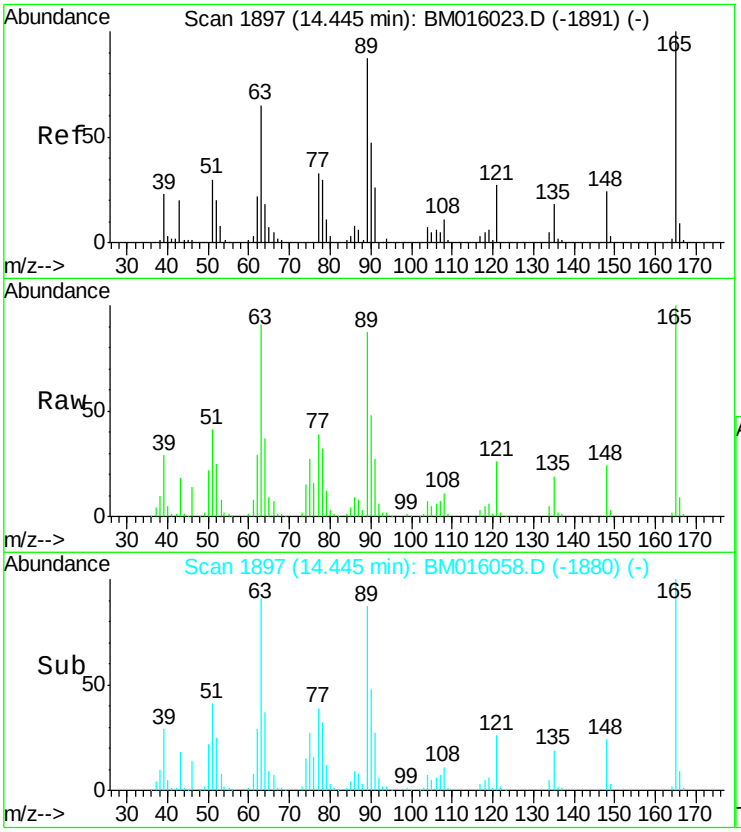


#48
Acenaphthylene
Concen: 117.085 ng
RT: 14.58 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:152 Resp: 939287

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.9	23.9
153	12.9	10.6	16.0



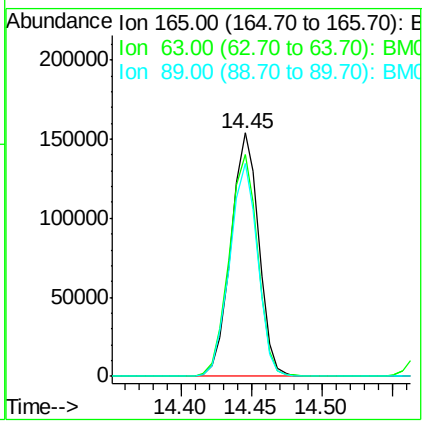


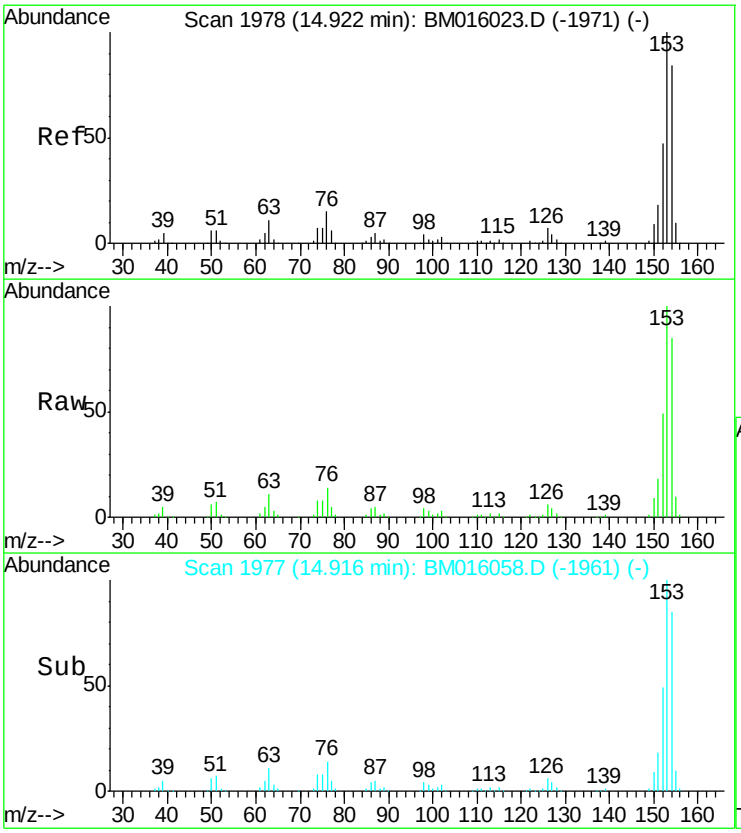
#50
2,6-Dinitrotoluene
Concen: 153.703 ng
RT: 14.45 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:165 Resp: 211295

Ion	Ratio	Lower	Upper
165	100		
63	91.0	44.1	66.1#
89	87.4	44.3	66.5#

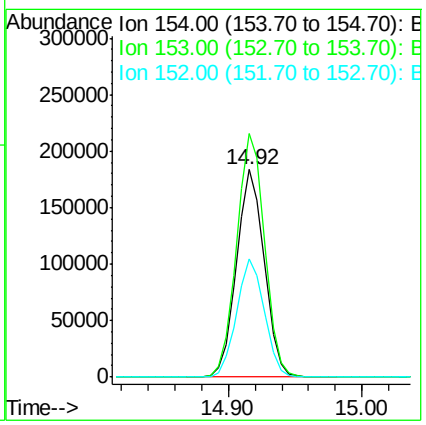


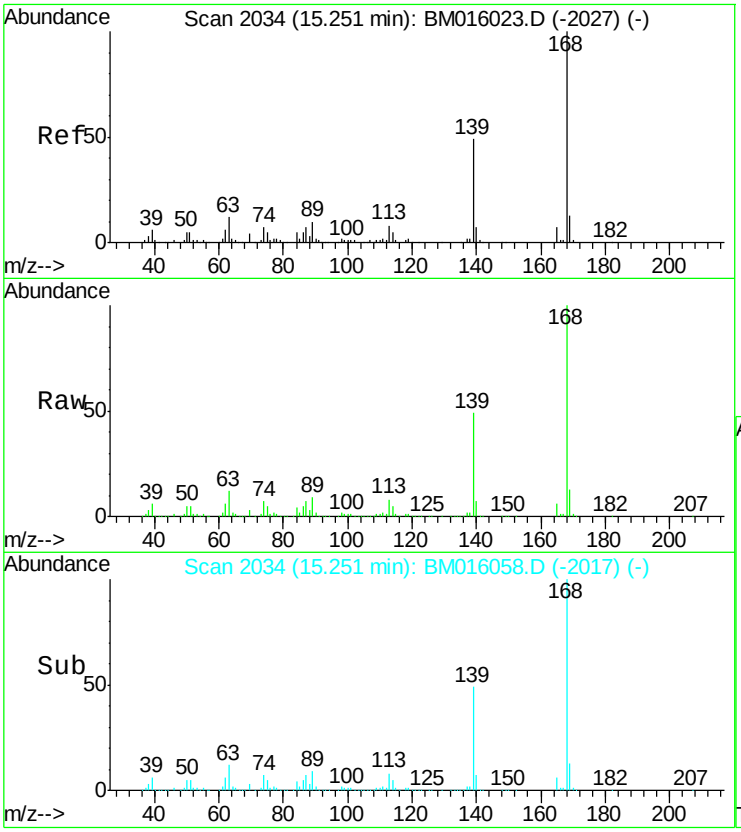


#51
Acenaphthene
Concen: 53.404 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:154 Resp: 263486

Ion	Ratio	Lower	Upper
154	100		
153	117.4	90.0	135.0
152	57.0	42.6	63.8



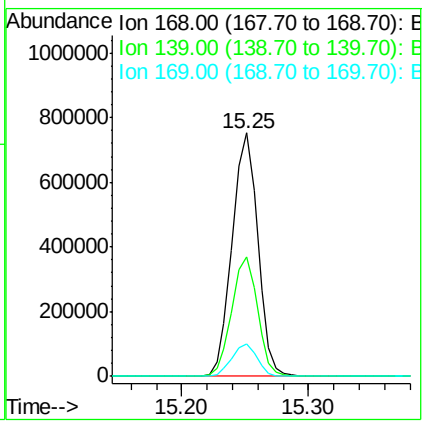


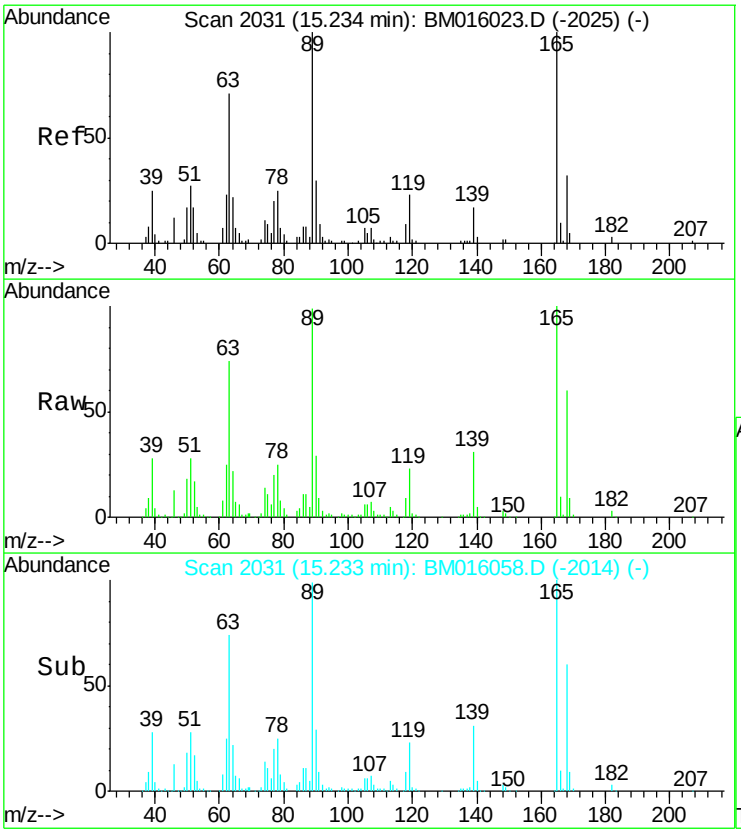
#54
Dibenzofuran
Concen: 129.331 ng
RT: 15.25 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:168 Resp: 1051512

Ion	Ratio	Lower	Upper
168	100		
139	49.1	27.3	40.9#
169	13.1	10.6	16.0

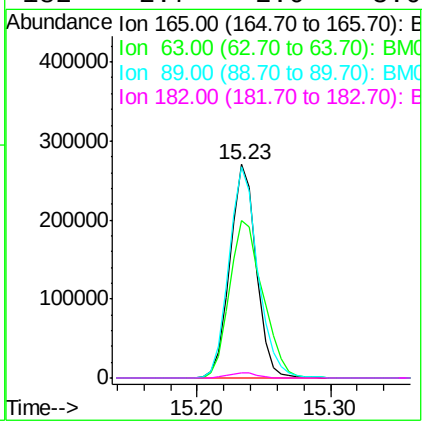


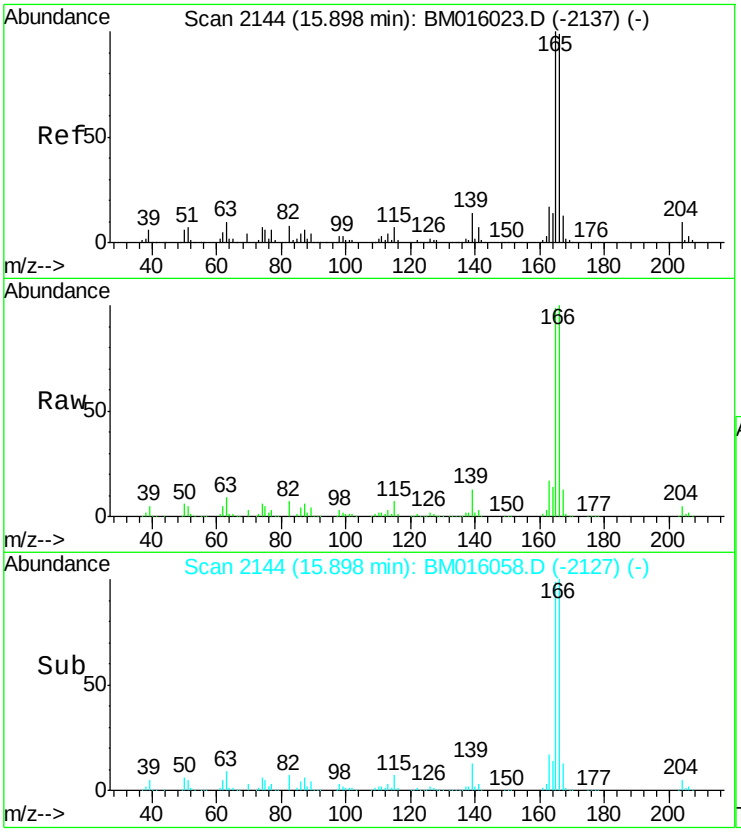


#56
2,4-Dinitrotoluene
Concen: 190.020 ng
RT: 15.23 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:165 Resp: 373509

Ion	Ratio	Lower	Upper
165	100		
63	73.8	52.4	78.6
89	98.8	72.4	108.6
182	2.7	2.0	3.0



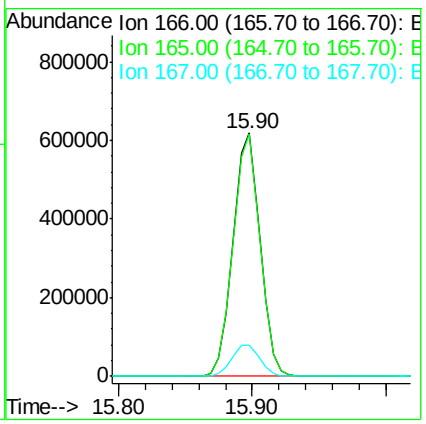


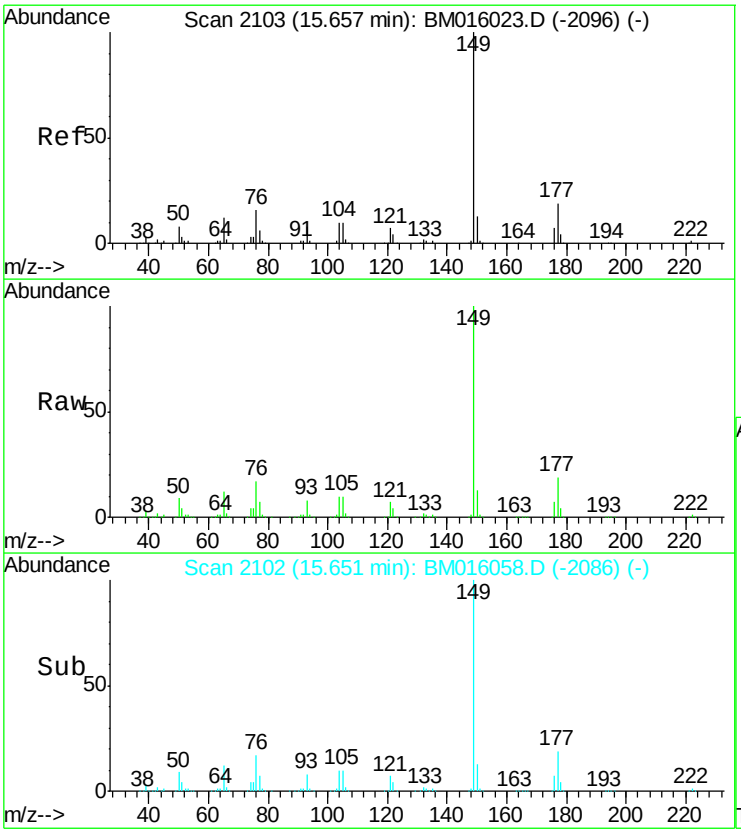
#57
Fluorene
Concen: 144.155 ng
RT: 15.90 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:166 Resp: 870945

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.4
167	13.0	10.3	15.5

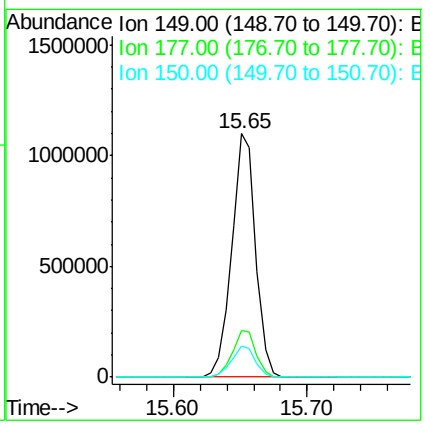


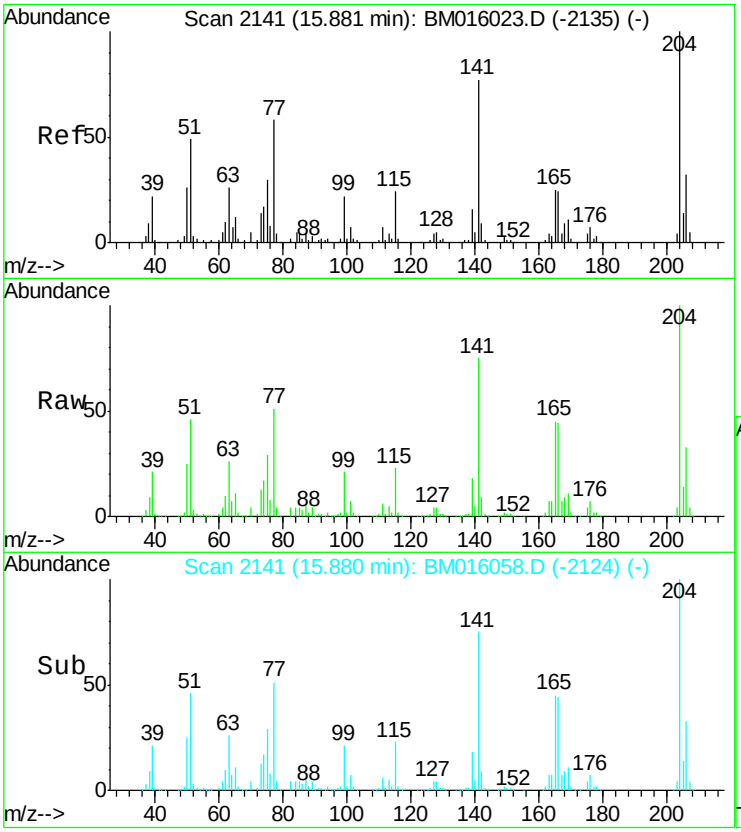


#59
Diethylphthalate
Concen: 185.206 ng
RT: 15.65 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:149 Resp: 1363898

Ion	Ratio	Lower	Upper
149	100		
177	19.1	18.3	27.5
150	12.7	9.8	14.8



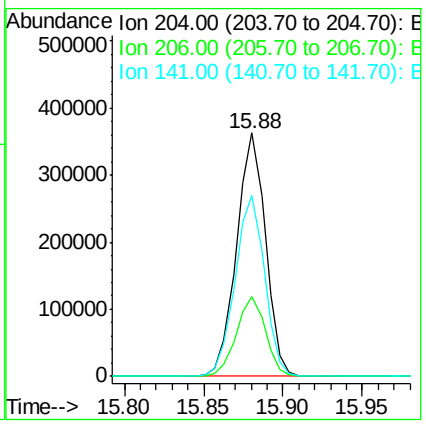


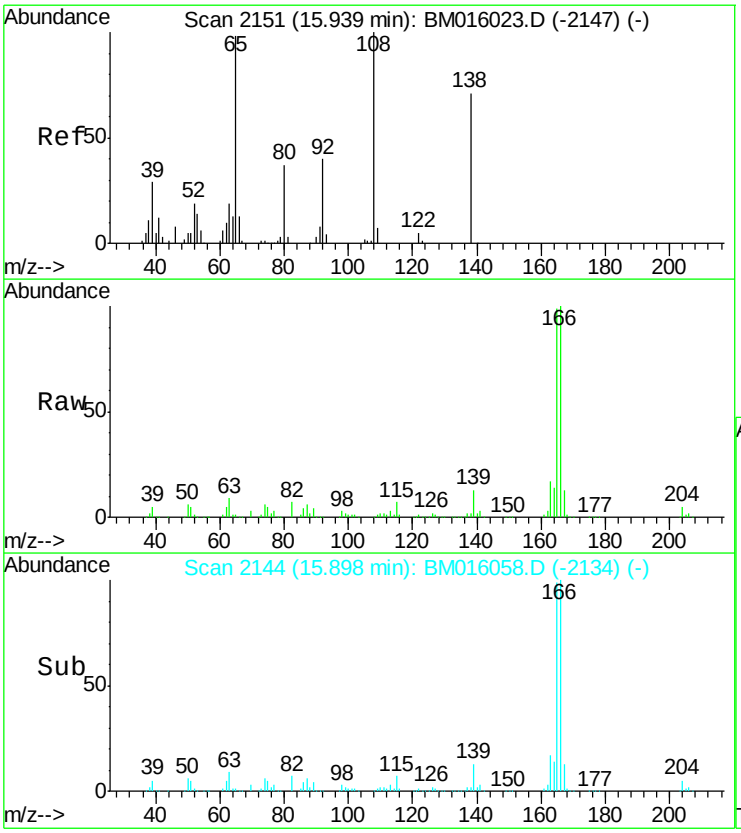
#60
4-Chlorophenyl-phenylether
Concen: 136.519 ng
RT: 15.88 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:204 Resp: 459161

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	74.5	45.2	67.8#

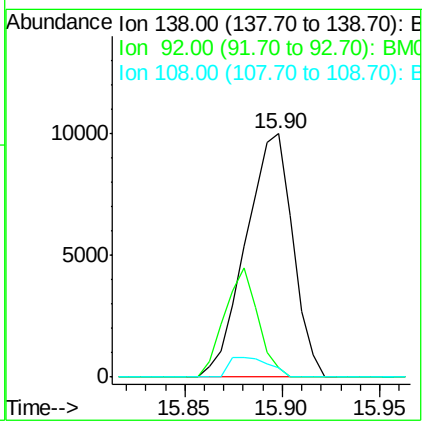


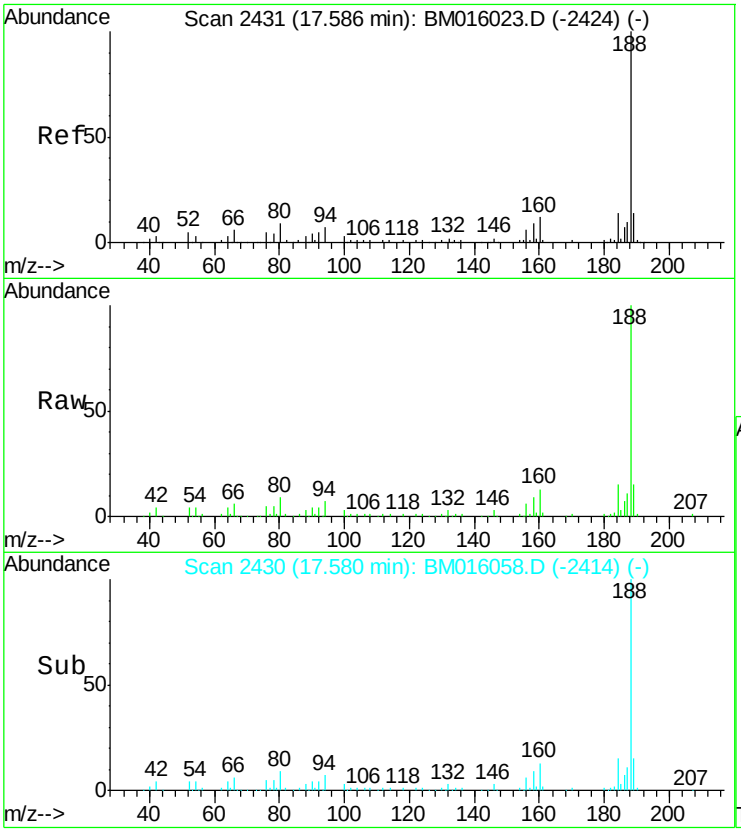


#61
4-Nitroaniline
Concen: 11.686 ng
RT: 15.90 min Scan# 2144
Delta R.T. -0.04 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:138 Resp: 16648

Ion	Ratio	Lower	Upper
138	100		
92	4.0	16.7	56.7#
108	3.7	37.6	77.6#



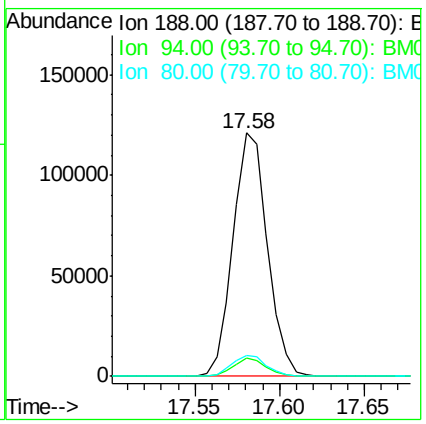


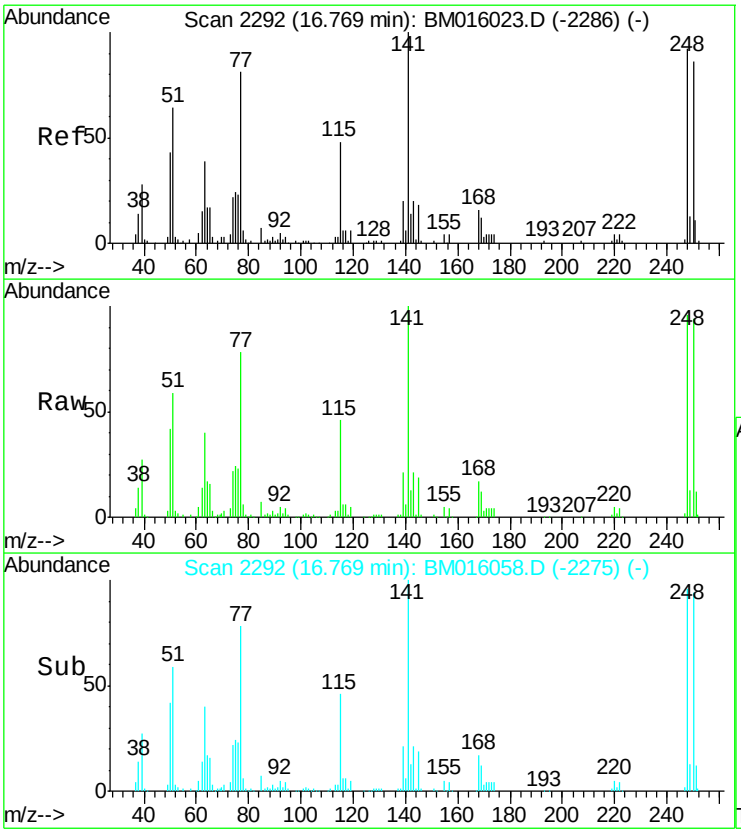
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.58 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:188 Resp: 171939

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	8.6	9.3	13.9#

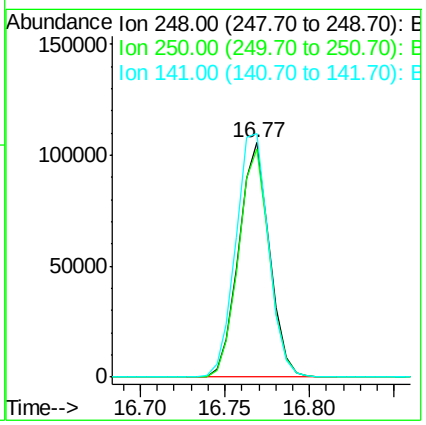


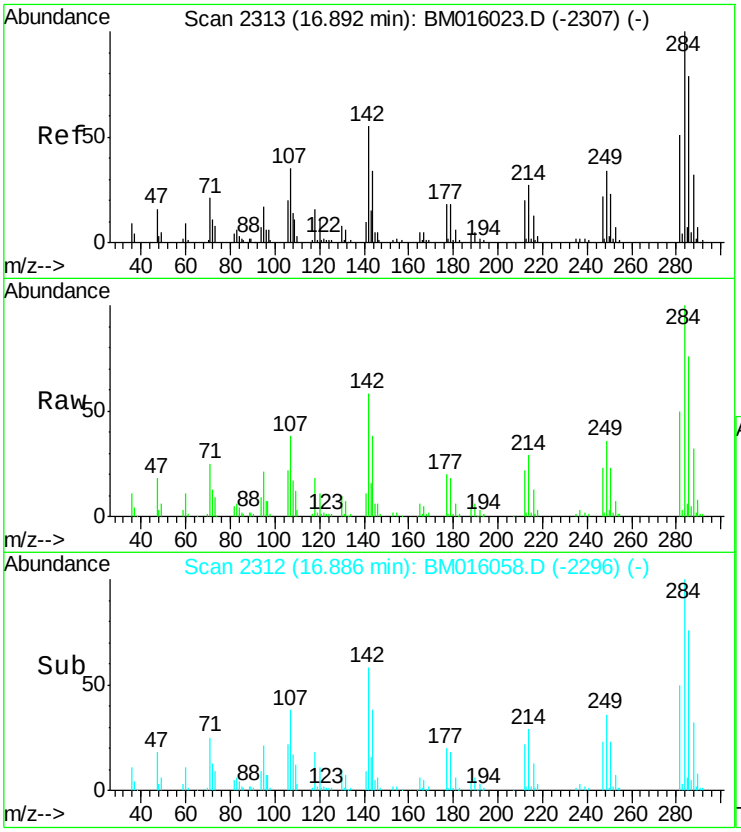


#66
4-Bromophenyl-phenylether
Concen: 68.945 ng
RT: 16.77 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:248 Resp: 134232

Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.4	116.0
141	103.9	45.2	67.8#



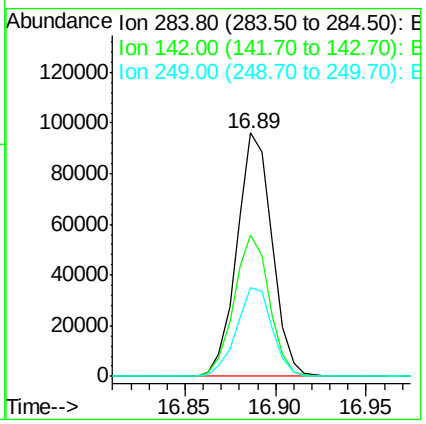


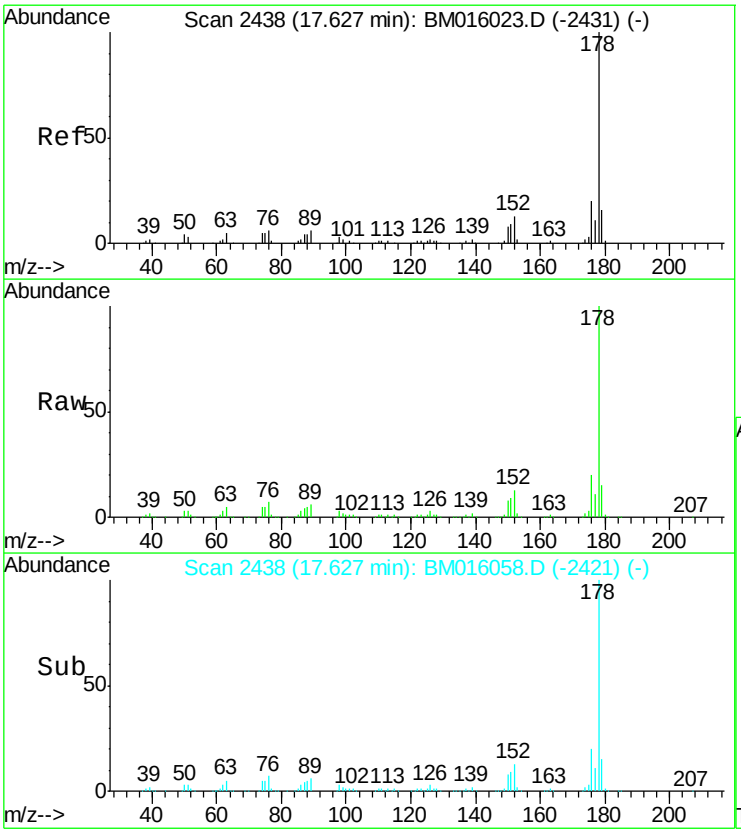
#67
Hexachlorobenzene
Concen: 60.302 ng
RT: 16.89 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:284 Resp: 129290

Ion	Ratio	Lower	Upper
284	100		
142	58.1	20.4	30.6#
249	36.4	23.8	35.6#

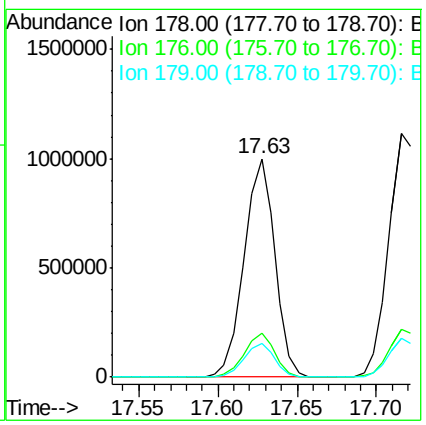


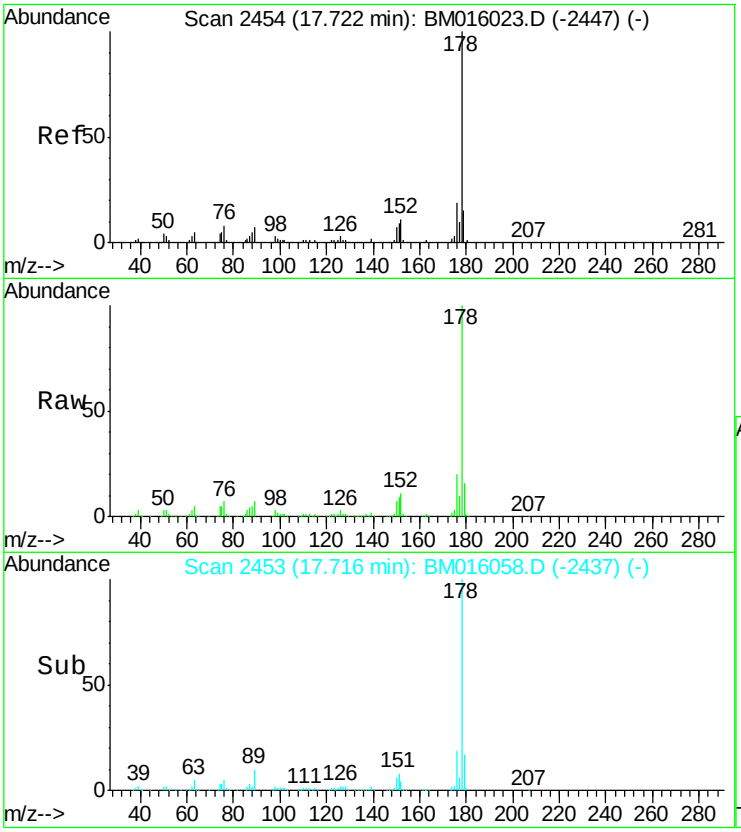


#70
Phenanthrene
Concen: 140.013 ng
RT: 17.63 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:178 Resp: 1347792

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.2	22.8
179	15.2	12.1	18.1



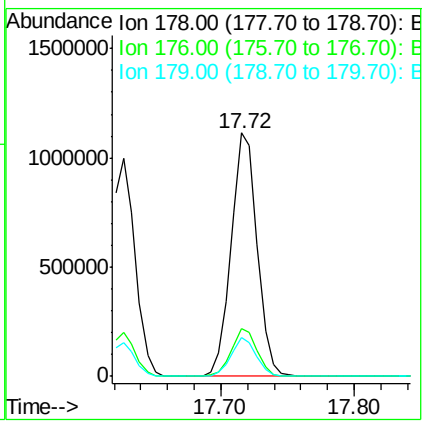


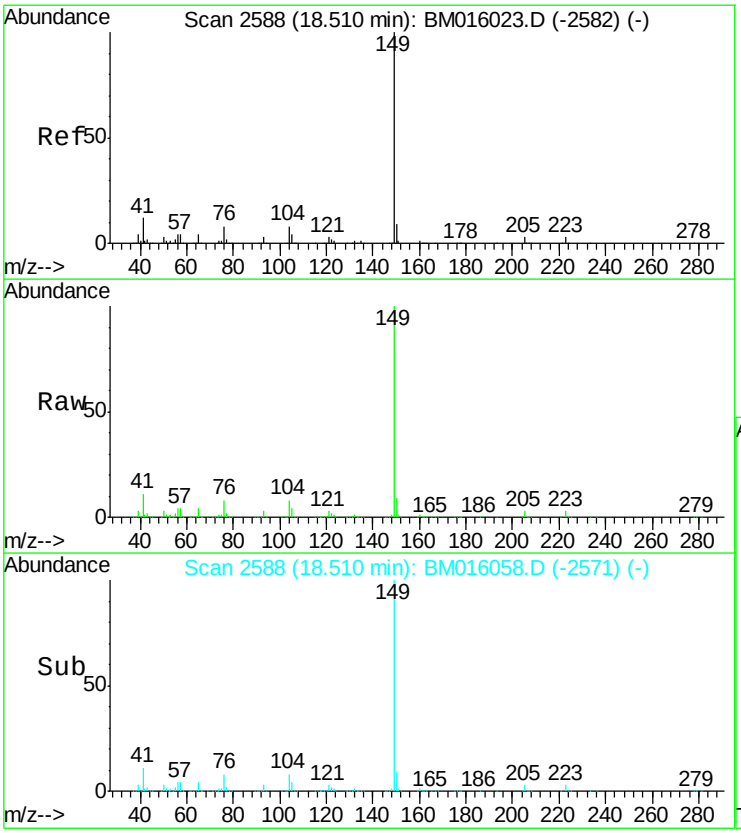
#71
Anthracene
Concen: 161.872 ng
RT: 17.72 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:178 Resp: 1514419

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.6	22.0
179	15.8	12.6	19.0

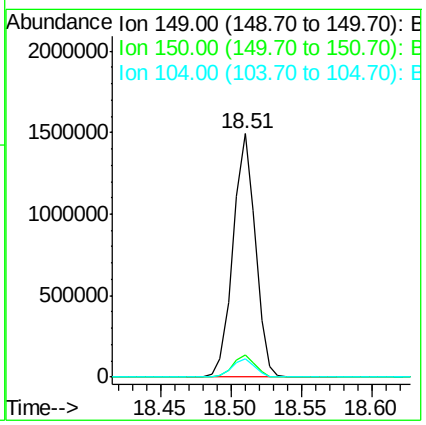


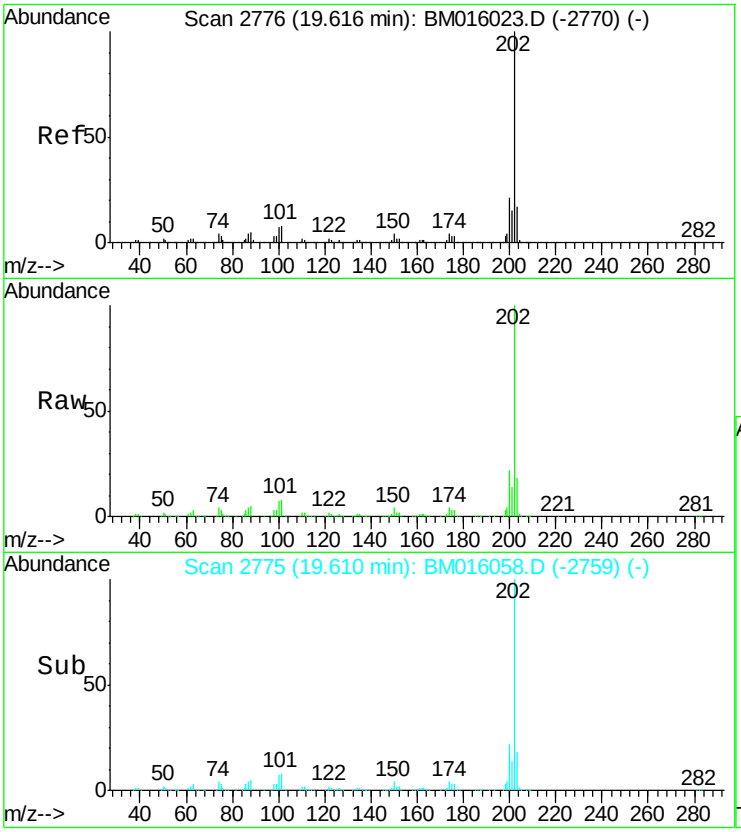


#73
Di-n-butylphthalate
Concen: 135.712 ng
RT: 18.51 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:149 Resp: 1639040

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	7.7	3.7	5.5#



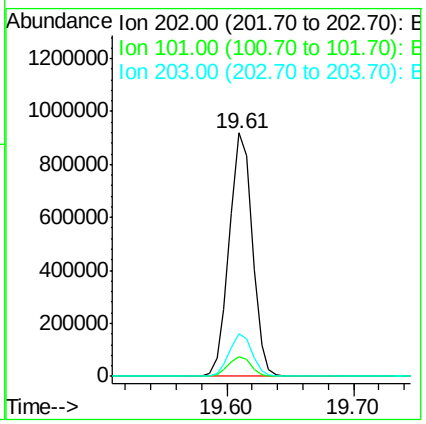


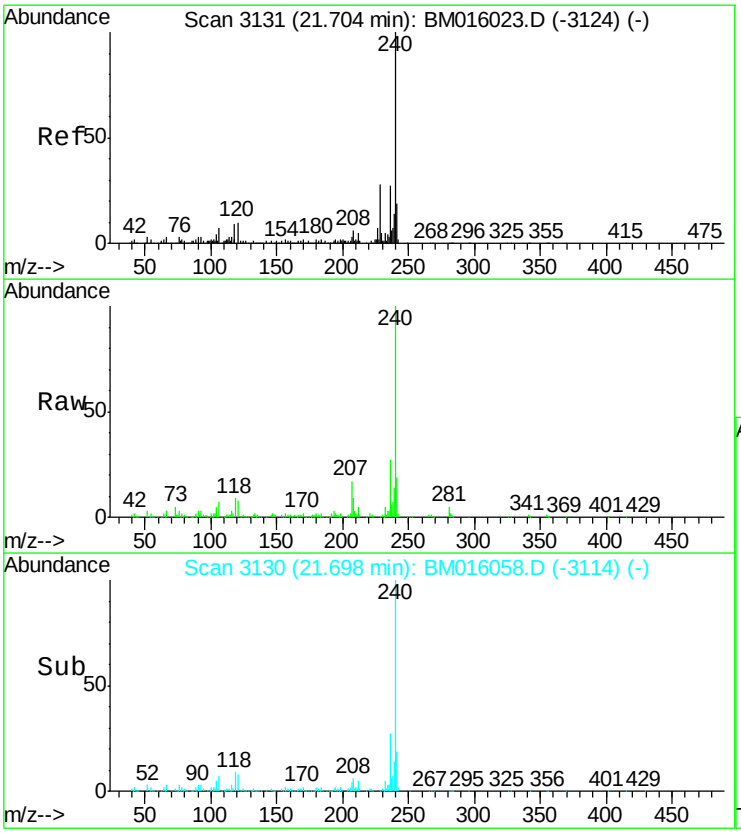
#74
Fluoranthene
Concen: 107.233 ng
RT: 19.61 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:202 Resp: 1151439

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.7
203	17.6	0.0	37.2

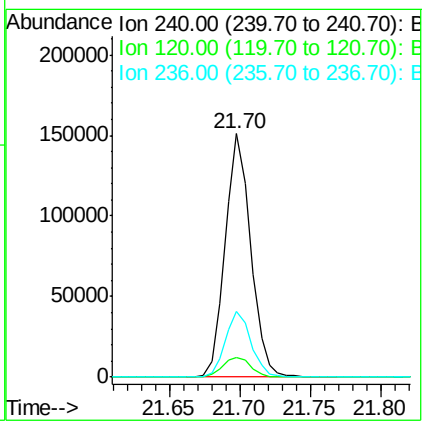


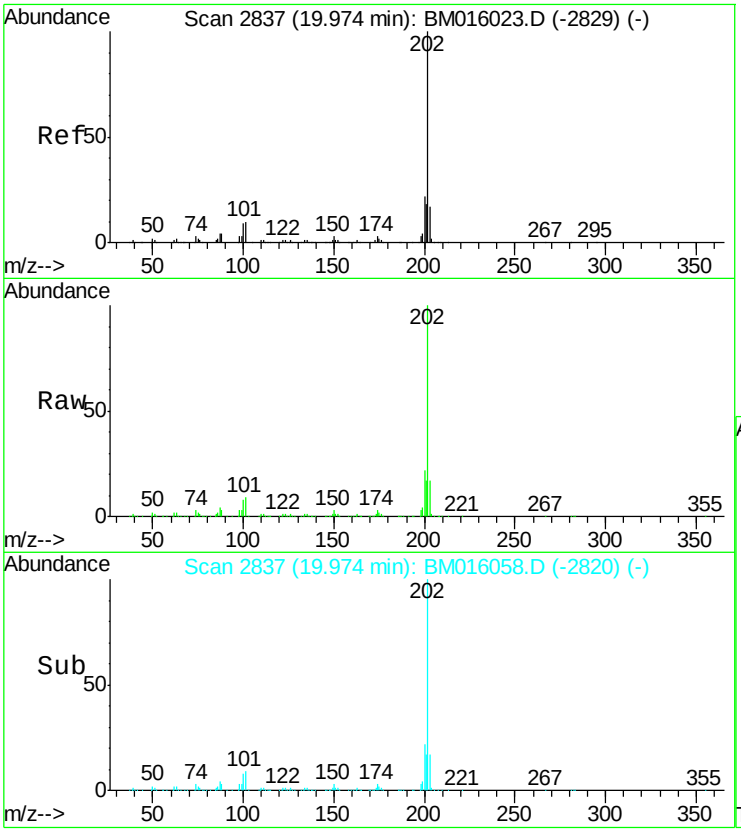


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:240 Resp: 189954

Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.2	12.2#
236	27.1	20.0	30.0



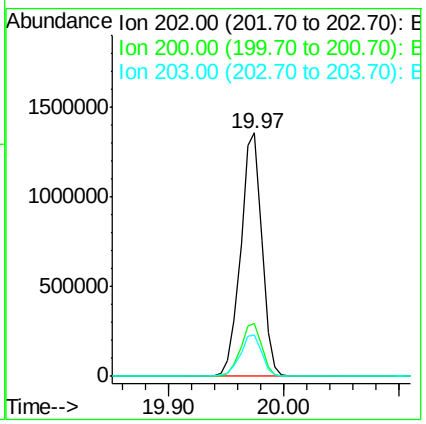


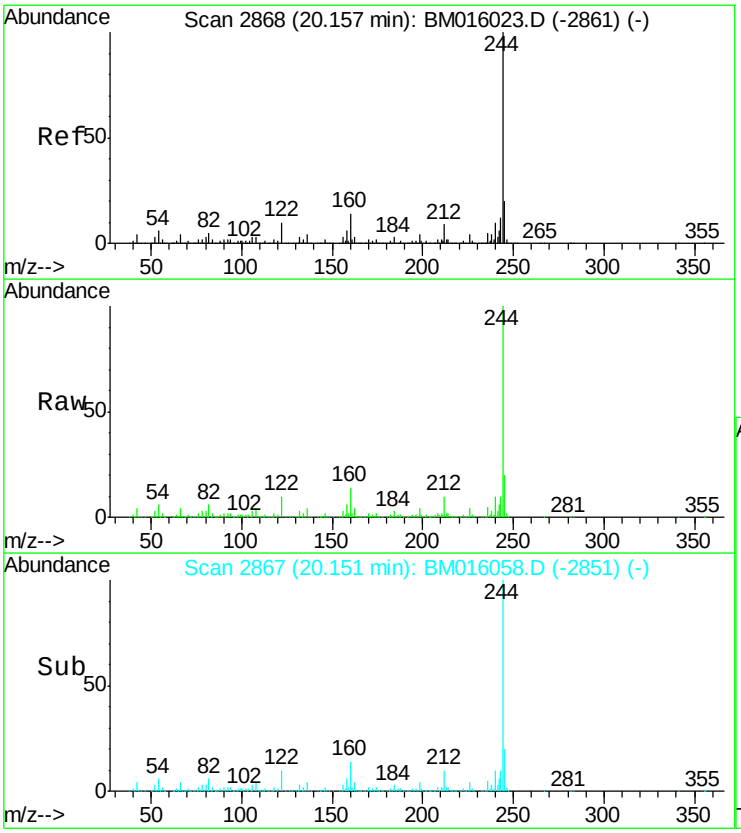
#77
Pyrene
Concen: 151.218 ng
RT: 19.97 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:202 Resp: 1721375

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	17.2	14.1	21.1

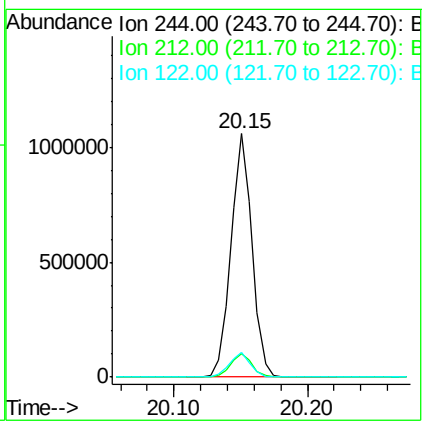


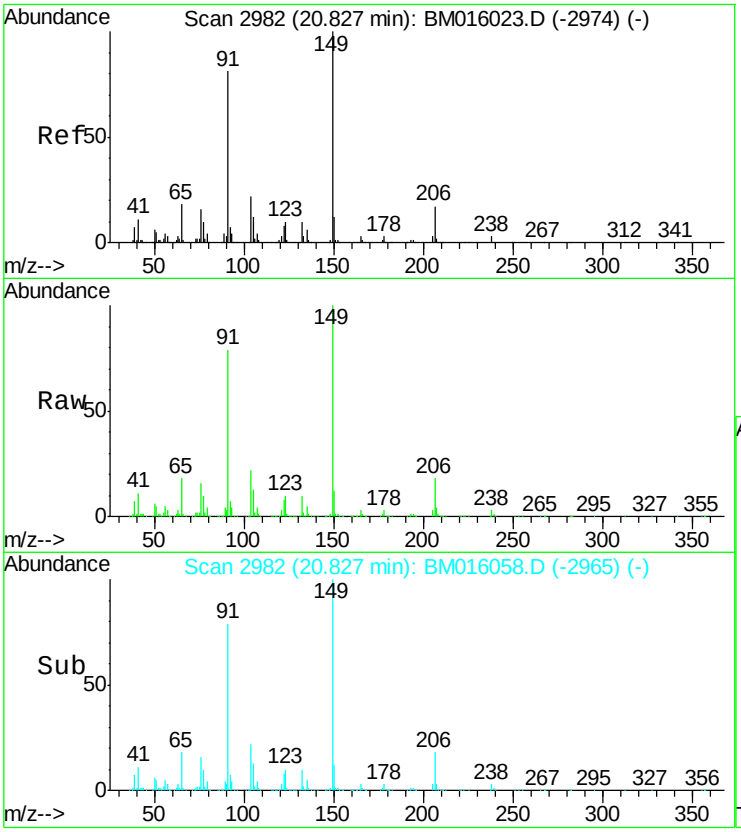


#78
Terphenyl-d14
Concen: 151.218 ng
RT: 20.15 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:244 Resp: 1165654

Ion	Ratio	Lower	Upper
244	100		
212	9.5	4.9	7.3#
122	9.9	6.2	9.4#



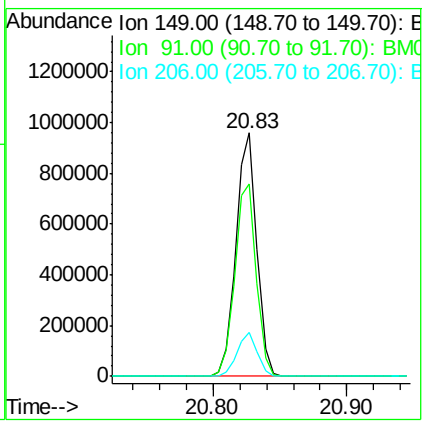


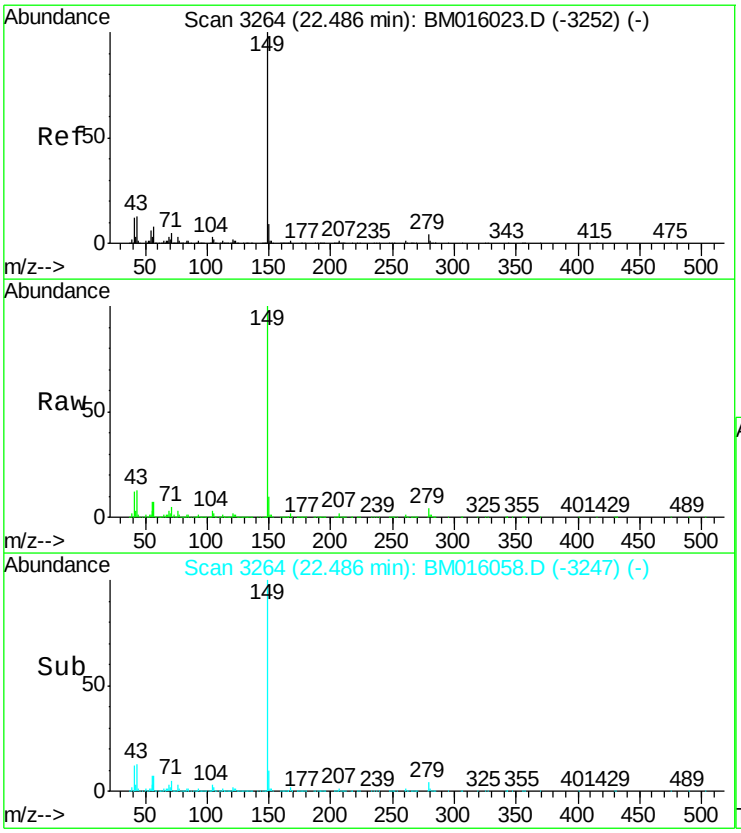
#79
Butylbenzylphthalate
Concen: 179.345 ng
RT: 20.83 min Scan# 2982
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:149 Resp: 1037116

Ion	Ratio	Lower	Upper
149	100		
91	79.2	50.1	75.1#
206	18.2	16.2	24.2

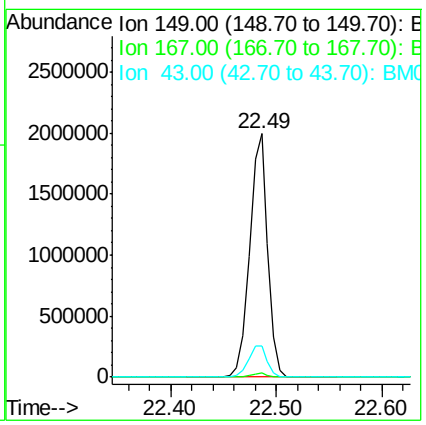


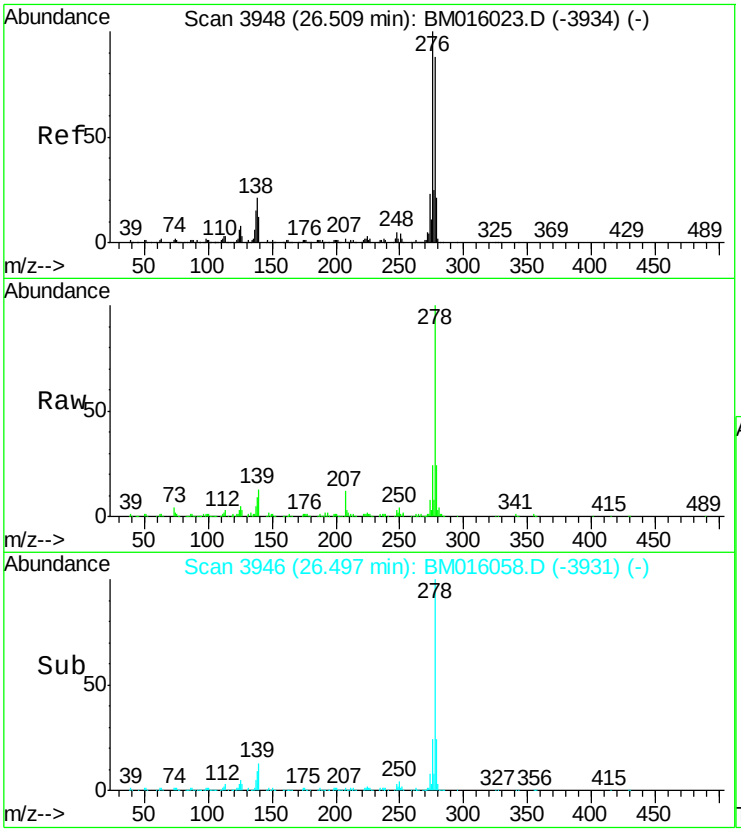


#84
Di-n-octyl phthalate
Concen: 168.006 ng
RT: 22.49 min Scan# 3264
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:149 Resp: 2366447

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.5	7.3	10.9#



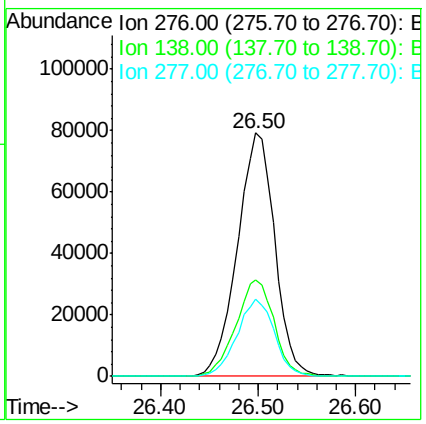


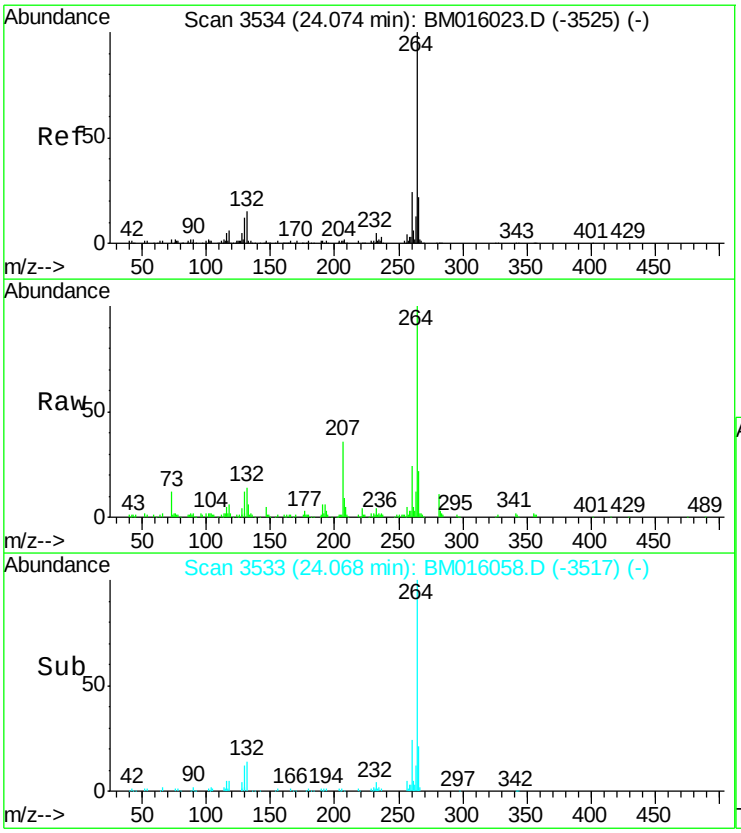
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.859 ng
RT: 26.50 min Scan# 3946
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:276 Resp: 211209

Ion	Ratio	Lower	Upper
276	100		
138	40.4	12.0	18.0#
277	31.7	20.0	30.0#

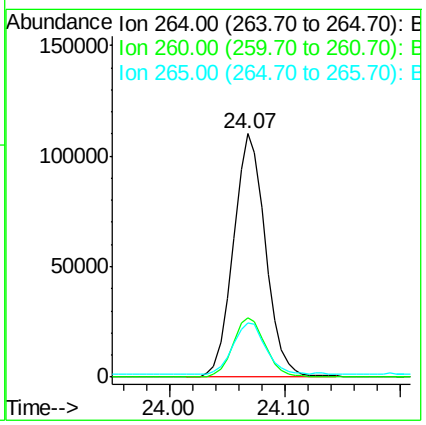


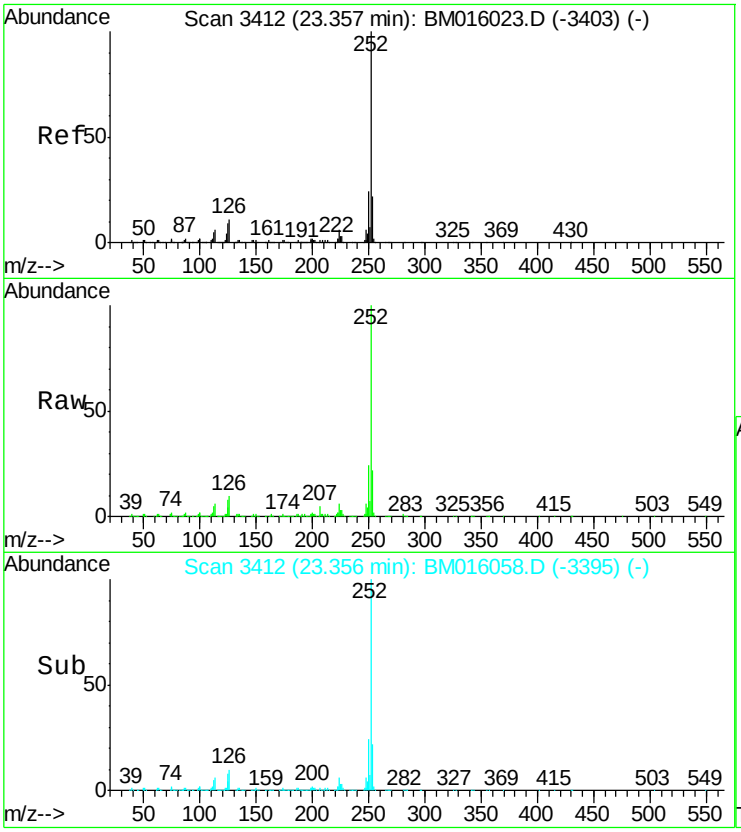


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.07 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:264 Resp: 212607

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.0	17.3	25.9



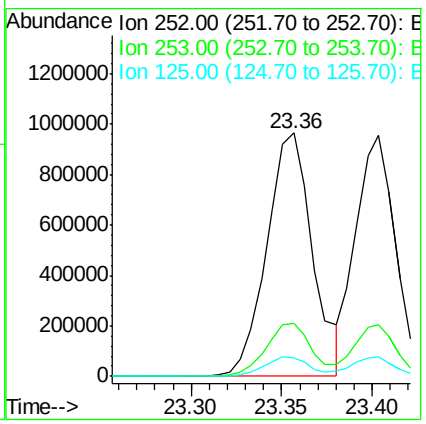


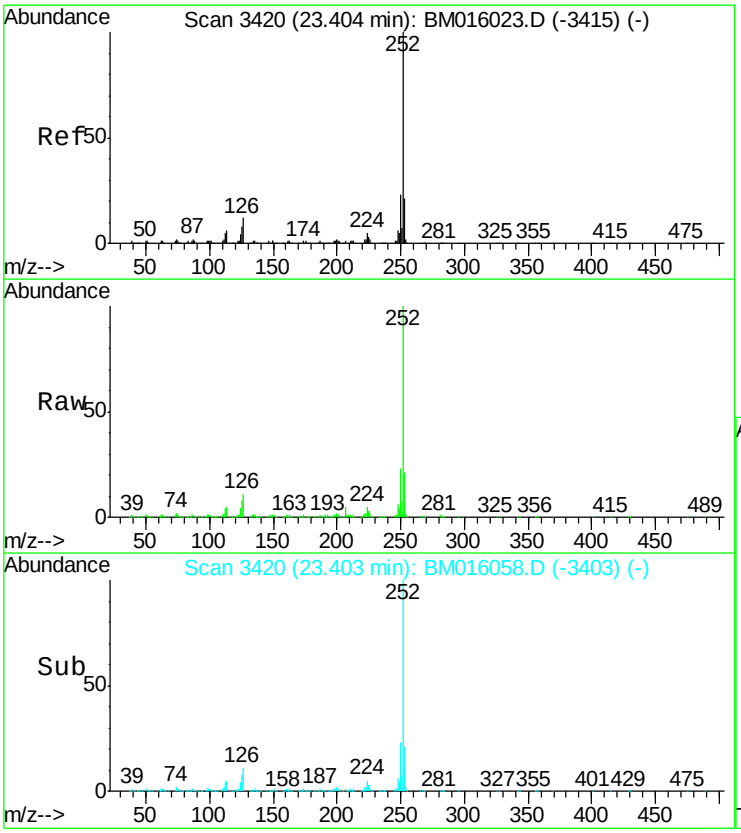
#87
Benzo(b)fluoranthene
Concen: 135.541 ng
RT: 23.36 min Scan# 3412
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:252 Resp: 1696681

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	7.7	9.9	14.9#

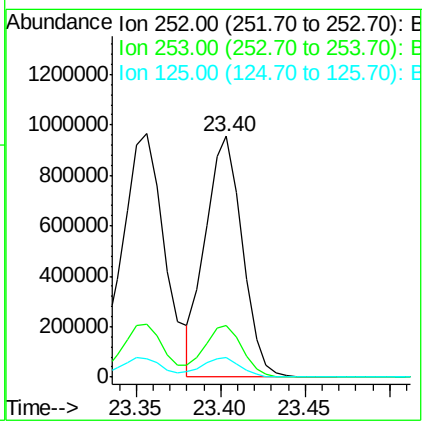


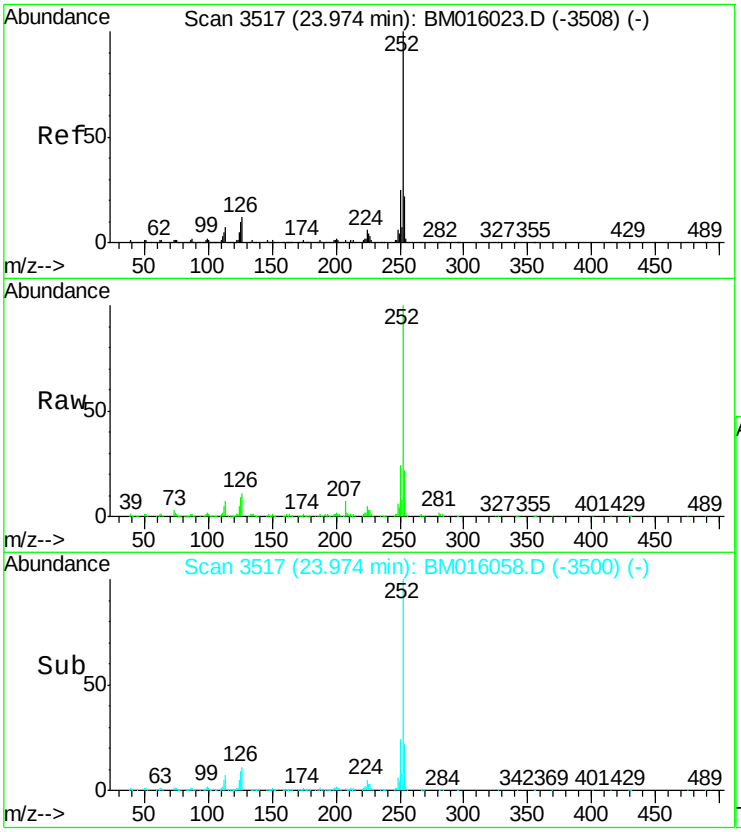


#88
Benzo(k)fluoranthene
Concen: 114.192 ng
RT: 23.40 min Scan# 3420
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:252 Resp: 1448654

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	8.2	8.1	12.1



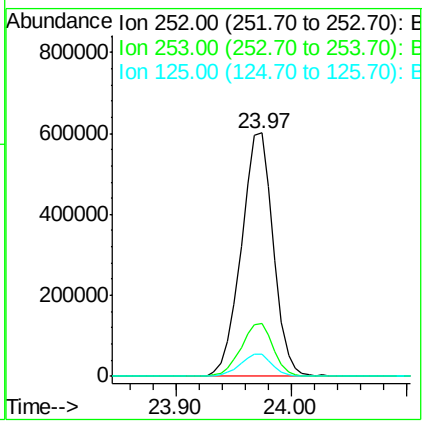


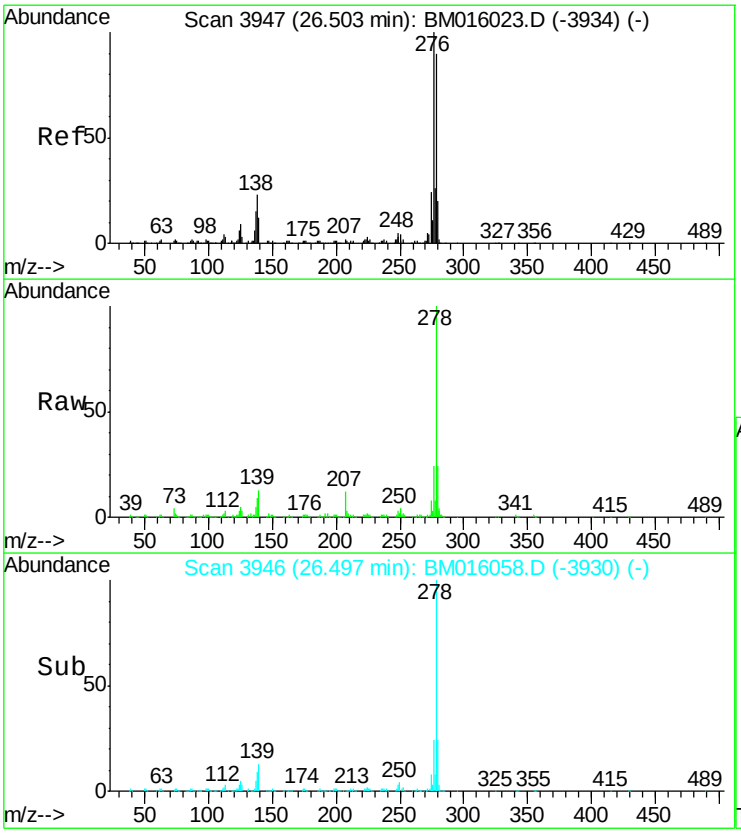
#89
Benzo(a)pyrene
Concen: 96.143 ng
RT: 23.97 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:252 Resp: 1156973

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	8.9	7.4	11.2

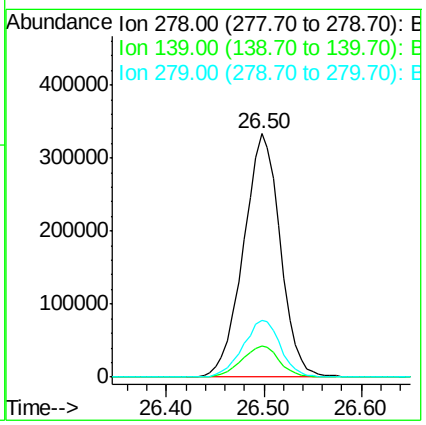


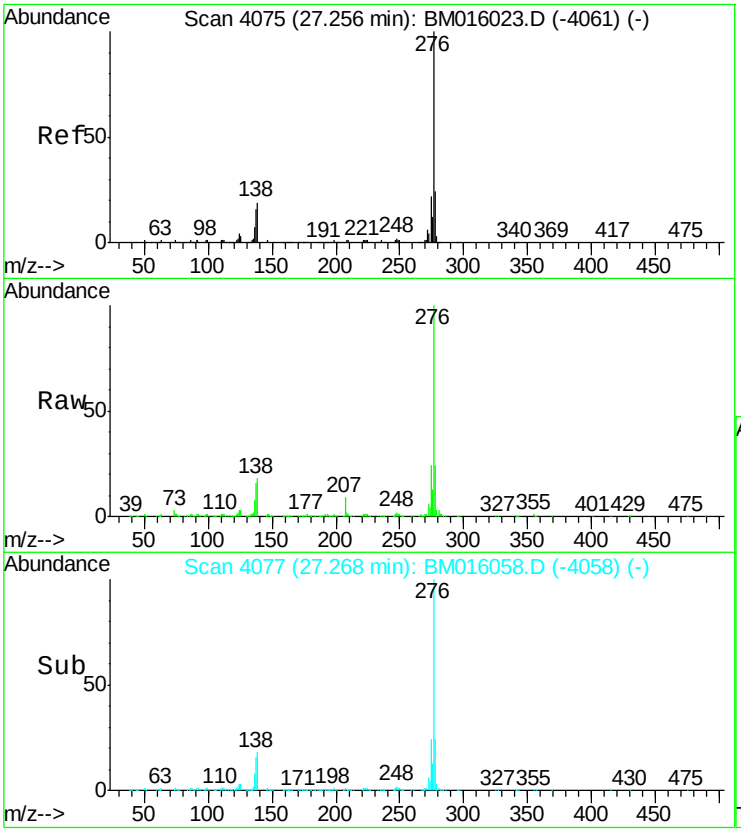


#90
Dibenzo(a,h)anthracene
Concen: 70.466 ng
RT: 26.50 min Scan# 3946
Delta R.T. -0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Tgt Ion:278 Resp: 878569

Ion	Ratio	Lower	Upper
278	100		
139	13.0	13.4	20.0#
279	23.5	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 143.555 ng
RT: 27.27 min Scan# 4077
Delta R.T. 0.01 min
Lab File: BM016058.D
Acq: 24 Jul 2018 16:39

Instrument :
BNA_M
ClientSampleId :
1536

Tgt Ion:276 Resp: 1692830

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	17.8	19.0	28.6#