Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
Data File : BM018307.D
Acq On : 19 Dec 2018 21:36
Operator : JU/SJ
Sample : J6426-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS013B-4248-01

Quant Time: Dec 20 01:08:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	112692	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	397591	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	202651	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	424301	20.00	ng		-0.01
76) Chrysene-d12	21.13	240	493491	20.00	ng		-0.01
87) Perylene-d12	23.29	264	555704	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1082355	160.44	ng		0.00
7) Phenol-d6	6.69	99	1440807	153.66	ng		-0.01
23) Nitrobenzene-d5	8.65	82	903769	116.60	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	451313	151.73	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	1731138	110.64	ng		-0.02
79) Terphenyl-d14	19.56	244	2432941	111.50	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	13141	2.299	ng	#	1
10) Phenol	6.72	94	84138	8.473	ng		89
12) 1,3-Dichlorobenzene	7.37	146	18666	2.097	ng	#	94
13) 1,4-Dichlorobenzene	7.52	146	733751	81.183	ng		99
18) Hexachloroethane	8.57	117	38119	11.507	ng	#	1
19) n-Nitroso-di-n-propylamine	8.33	70	16638	2.376	ng	#	65
22) Acetophenone	8.27	105	124111	11.796	ng	#	61
31) Naphthalene	10.30	128	719933	37.031	ng		99
35) Caprolactam	11.27	113	51897	22.437	ng	#	56
37) 2-Methylnaphthalene	11.92	142	535585	39.064	ng		96
38) 1-Methylnaphthalene	12.14	142	287573	21.495	ng	#	98
46) 1,1'-Biphenyl	12.96	154	156119	8.563	ng		98
50) Dimethylphthalate	13.62	163	134337	7.974	ng		96
57) 2,4-Dinitrotoluene	14.55	165	16248	3.174	ng	#	56
58) Fluorene	15.20	166	42431	2.767	ng	#	80
66) n-Nitrosodiphenylamine	15.42	169	65892	4.696	ng	#	41
69) Atrazine	16.37	200	72684	15.345	ng	#	42
71) Phenanthrene	16.95	178	207070	8.985	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
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BNA_M
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P001-SS013B-4248-01

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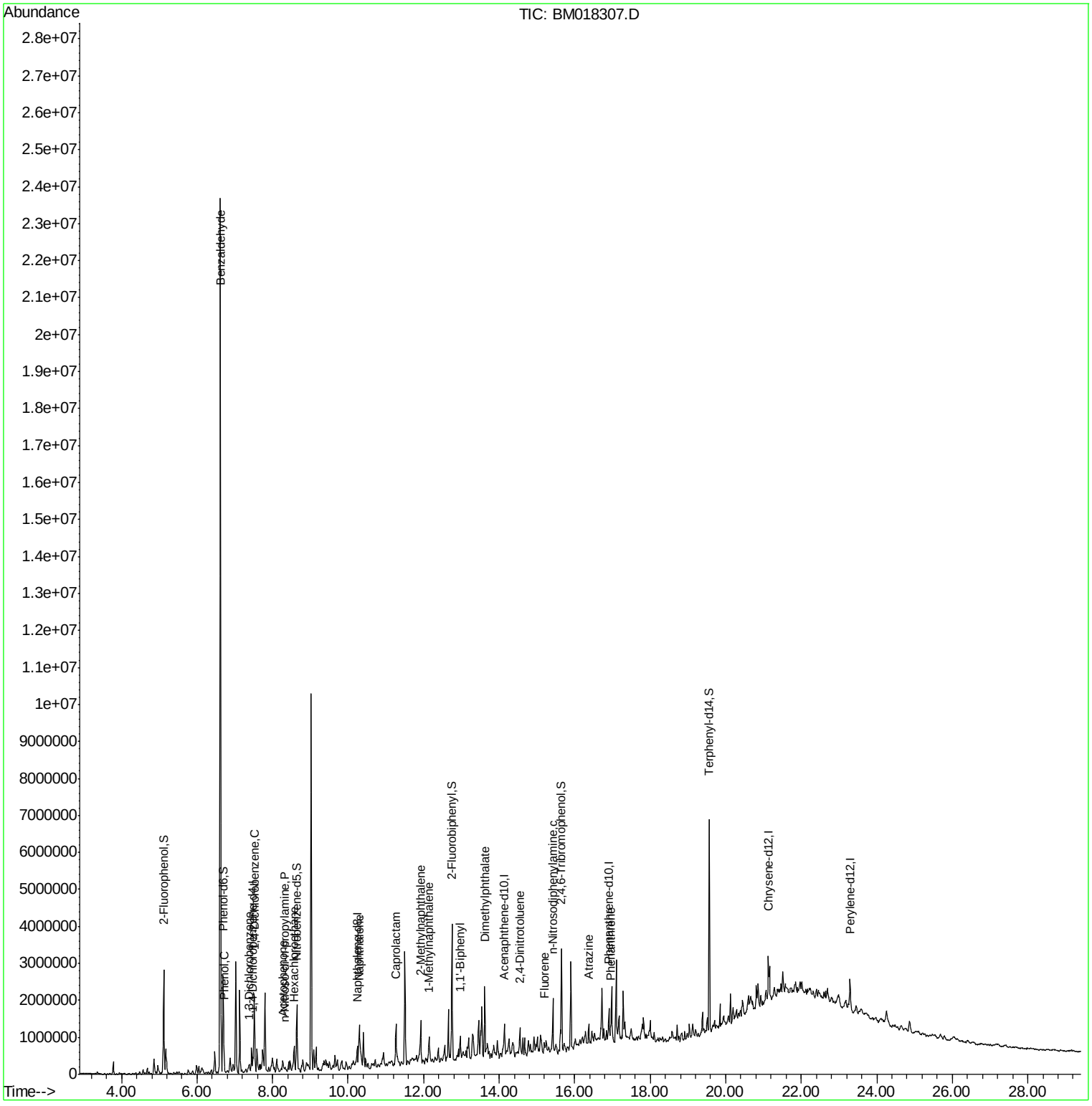
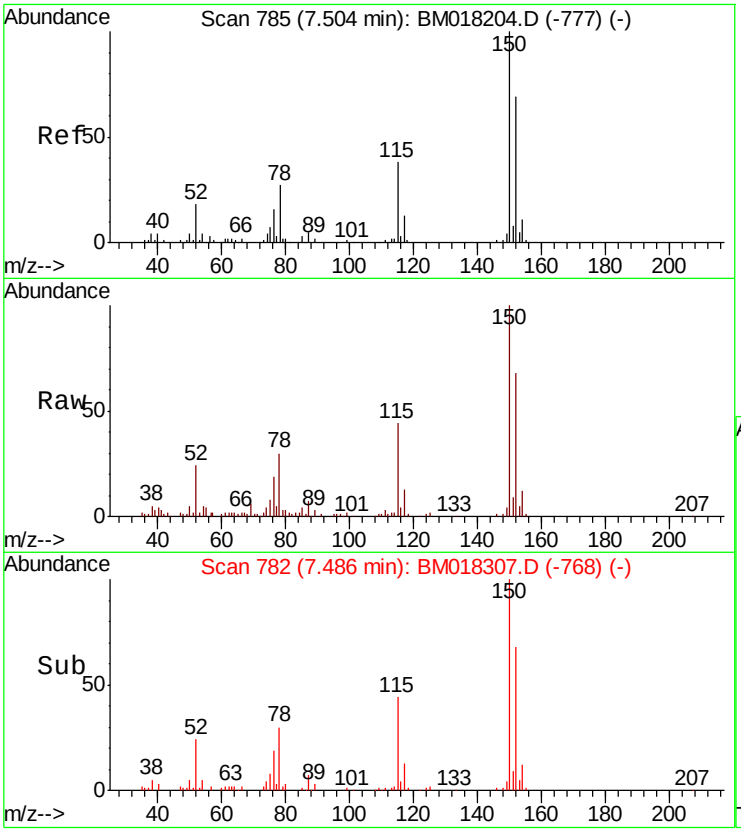


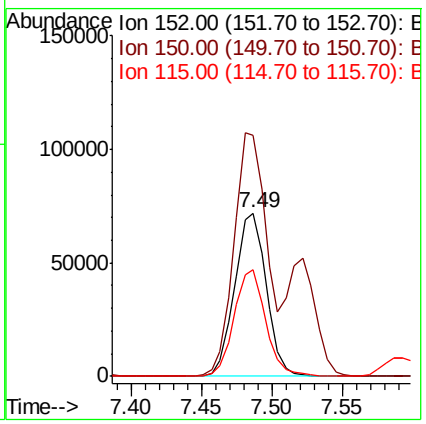


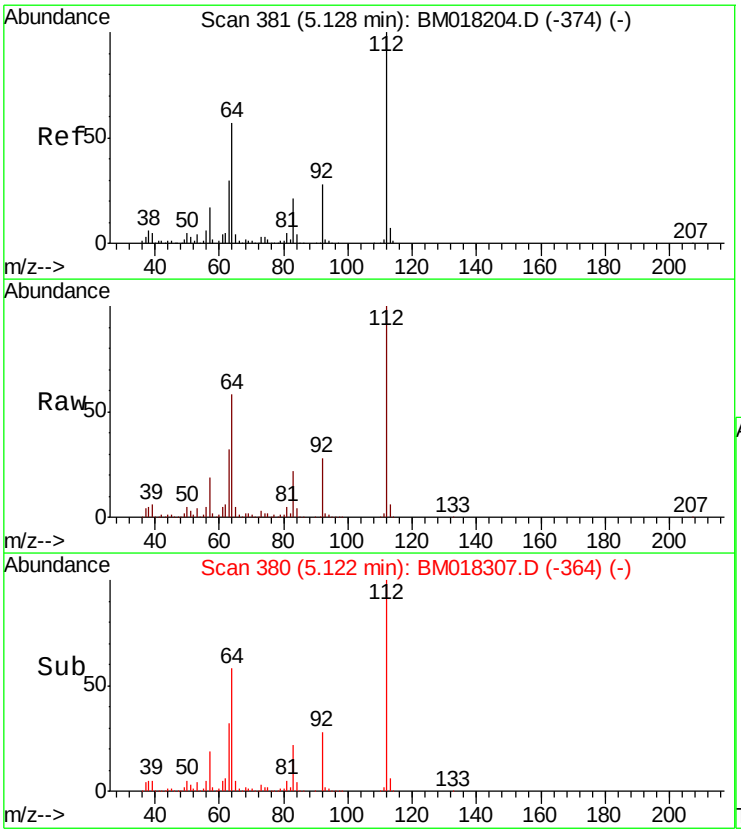
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:152 Resp: 112692

Ion	Ratio	Lower	Upper
152	100		
150	147.8	116.1	174.1
115	65.1	44.6	67.0

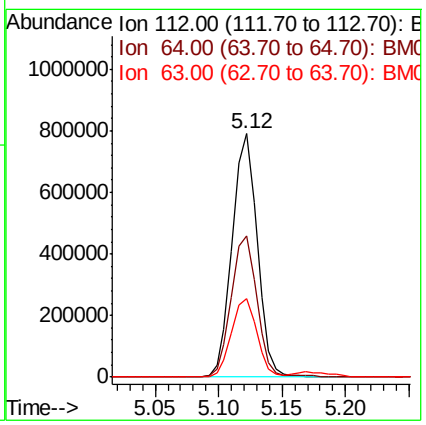


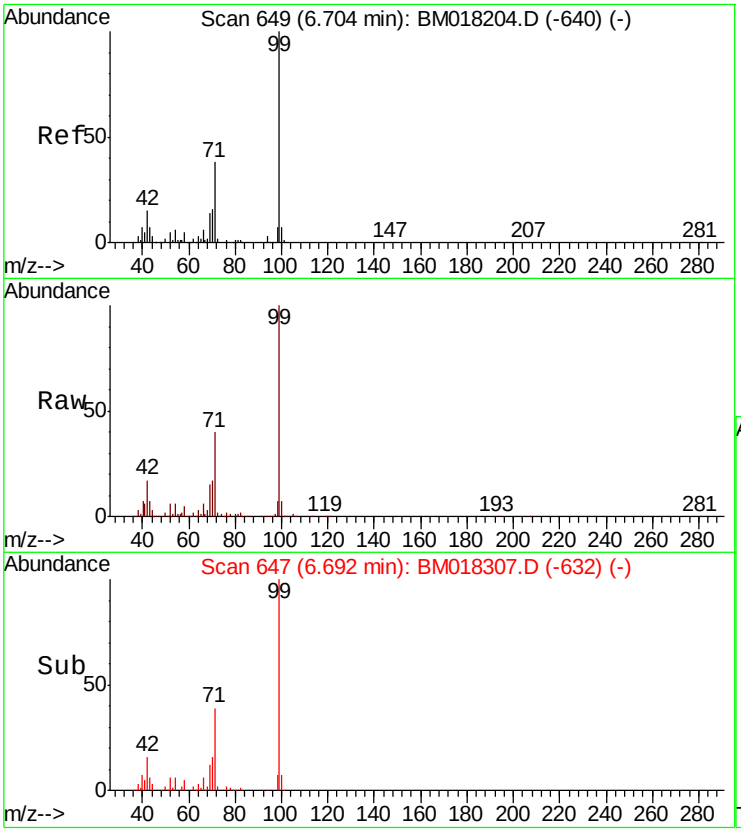


#5
2-Fluorophenol
Concen: 160.442 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:112 Resp: 1082355

Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.4	68.2
63	32.0	24.0	36.0



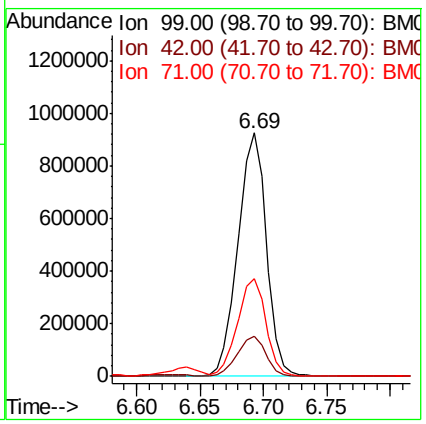


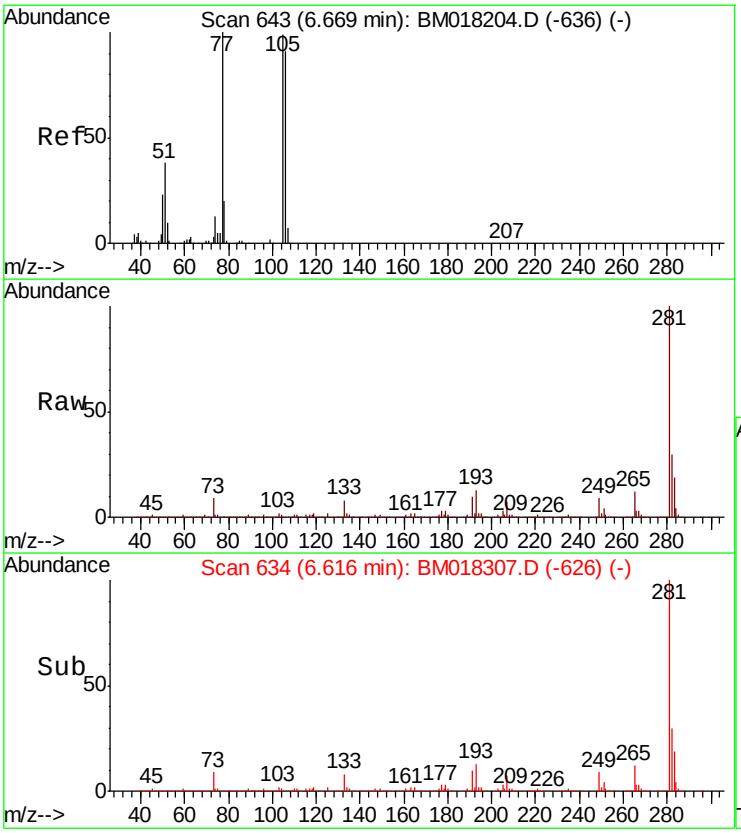
#7
Phenol-d6
Concen: 153.662 ng
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion: 99 Resp: 1440807

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.3	18.5
71	39.9	30.2	45.2

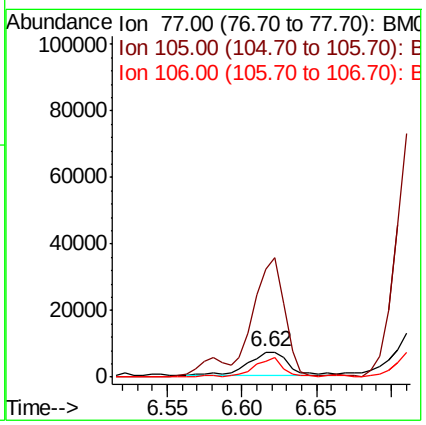


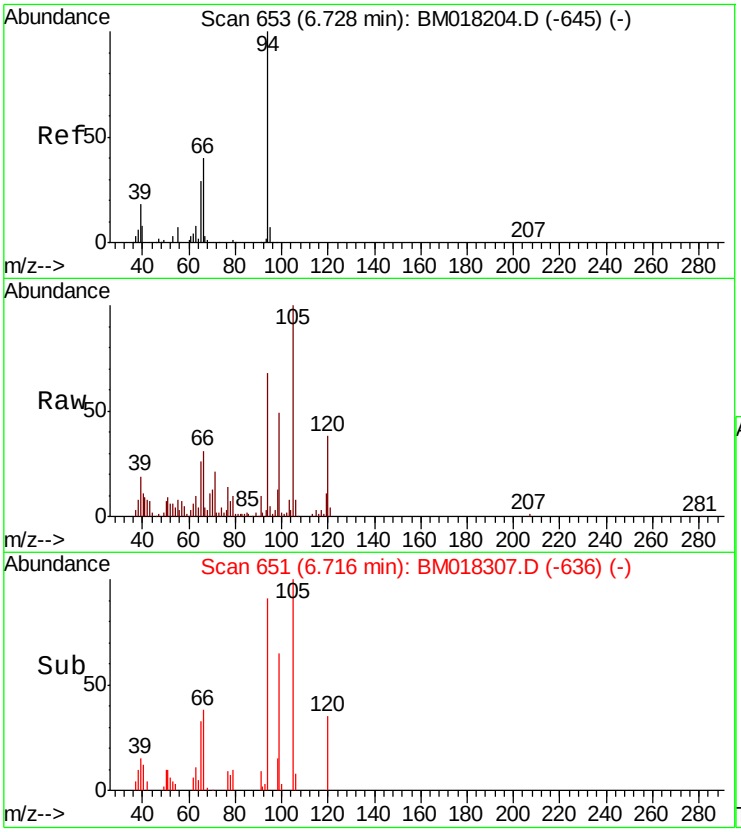


#9
Benzaldehyde
Concen: 2.299 ng
RT: 6.62 min Scan# 634
Delta R.T. -0.05 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion: 77 Resp: 13141

Ion	Ratio	Lower	Upper
77	100		
105	429.4	78.8	118.8#
106	61.9	70.7	110.7#



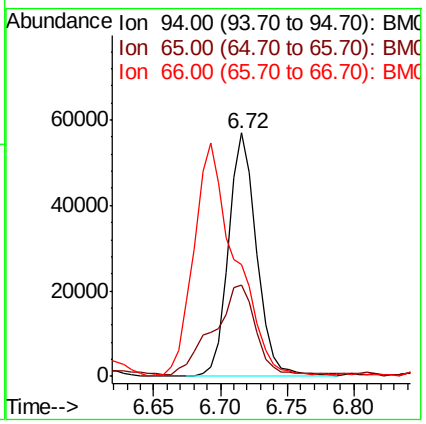


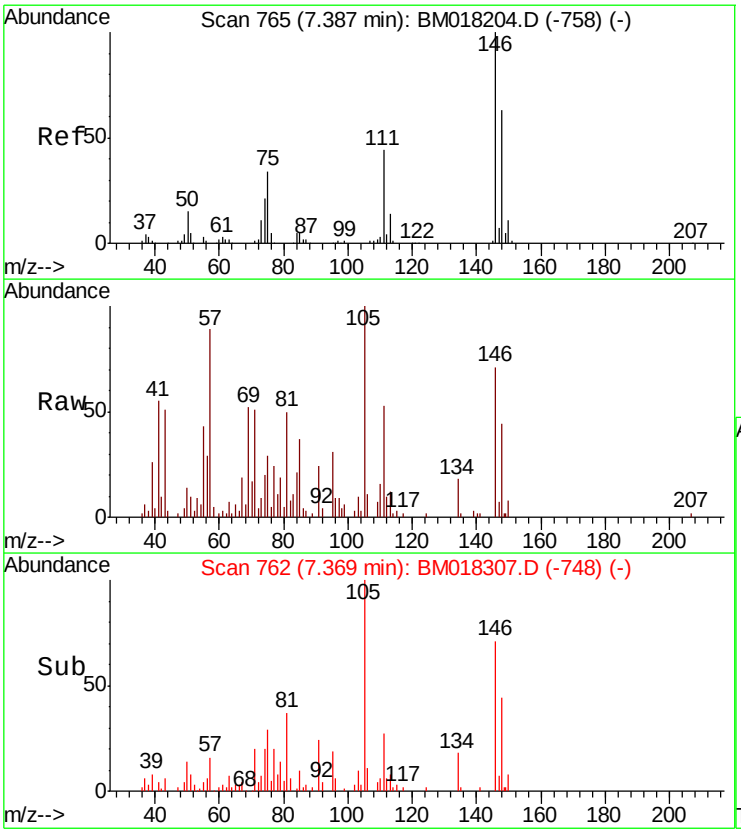
#10
Phenol
Concen: 8.473 ng
RT: 6.72 min Scan# 651
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion: 94 Resp: 84138

Ion	Ratio	Lower	Upper
94	100		
65	37.8	9.5	49.5
66	46.2	21.3	61.3

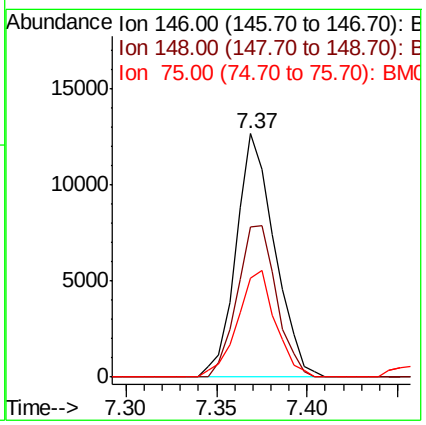


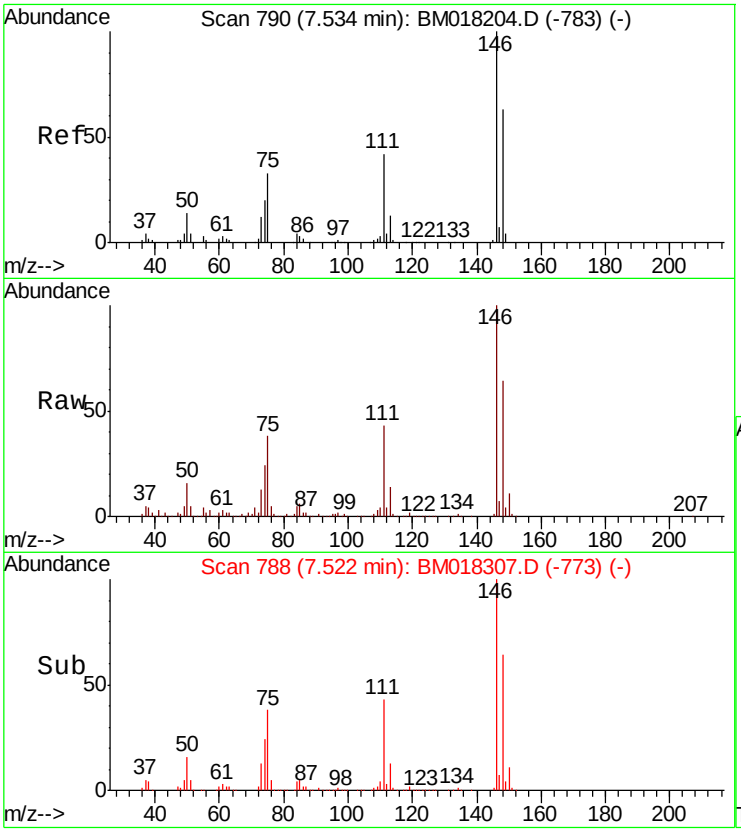


#12
1,3-Dichlorobenzene
Concen: 2.097 ng
RT: 7.37 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:146 Resp: 18666

Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	76.0
75	40.6	27.0	40.4#



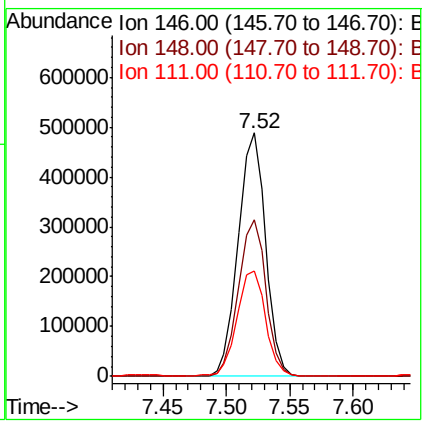


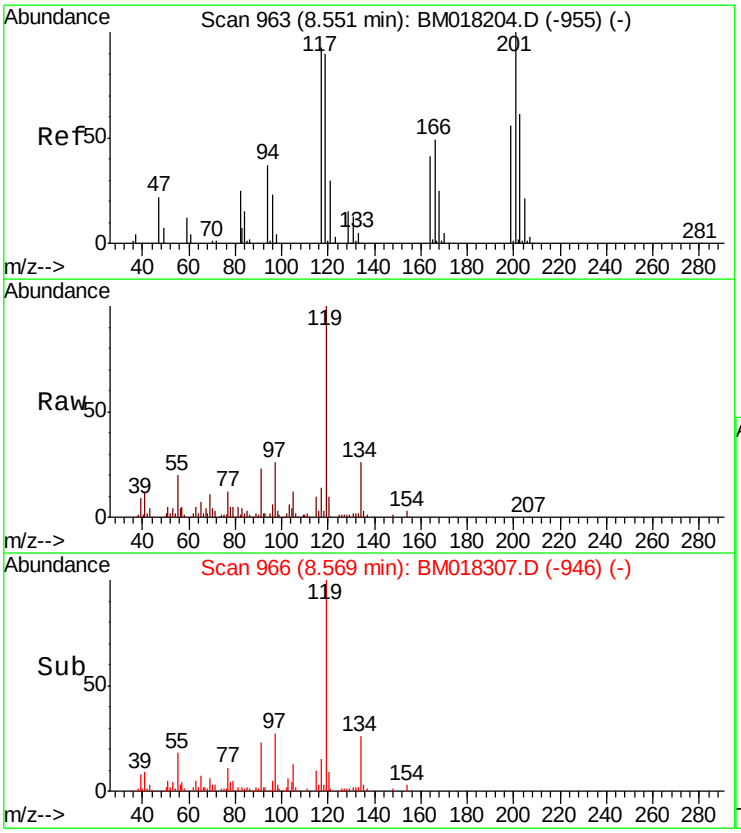
#13
1,4-Dichlorobenzene
Concen: 81.183 ng
RT: 7.52 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:146 Resp: 733751

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	43.4	34.2	51.2

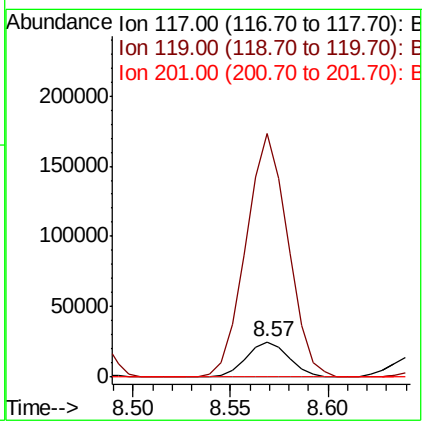


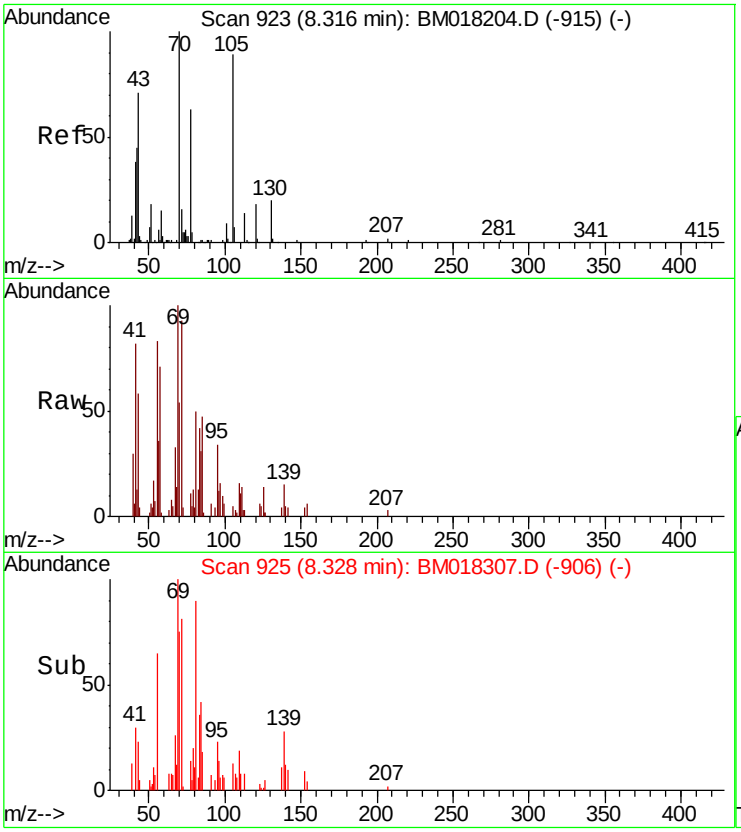


#18
Hexachloroethane
Concen: 11.507 ng
RT: 8.57 min Scan# 966
Delta R.T. 0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:117 Resp: 38119

Ion	Ratio	Lower	Upper
117	100		
119	694.5	77.0	115.4#
201	0.0	85.7	128.5#



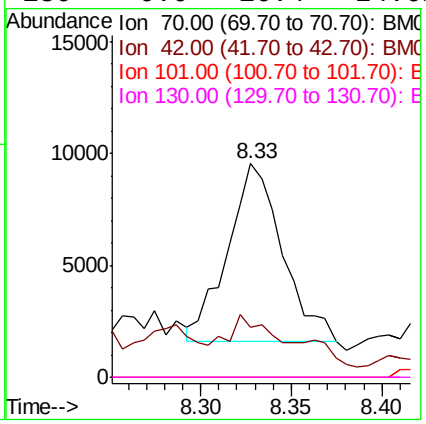


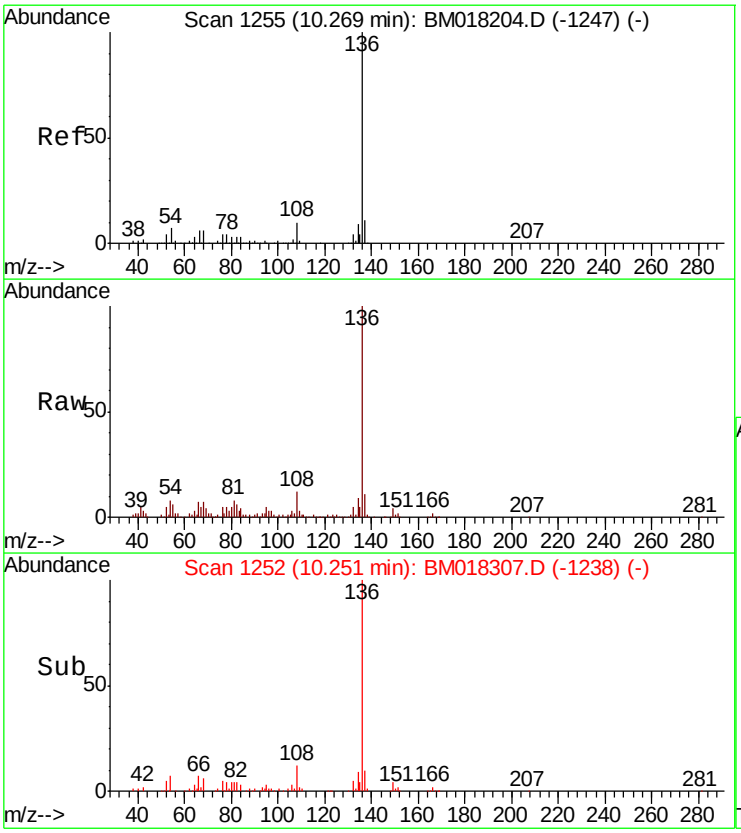
#19
n-Nitroso-di-n-propylamine
Concen: 2.376 ng
RT: 8.33 min Scan# 925
Delta R.T. 0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion: 70 Resp: 16638

Ion	Ratio	Lower	Upper
70	100		
42	23.4	36.2	54.2#
101	0.0	7.5	11.3#
130	0.0	16.4	24.6#

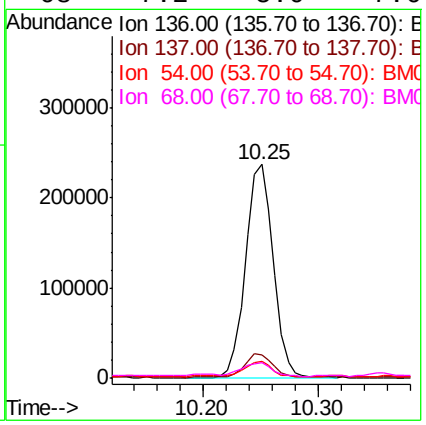


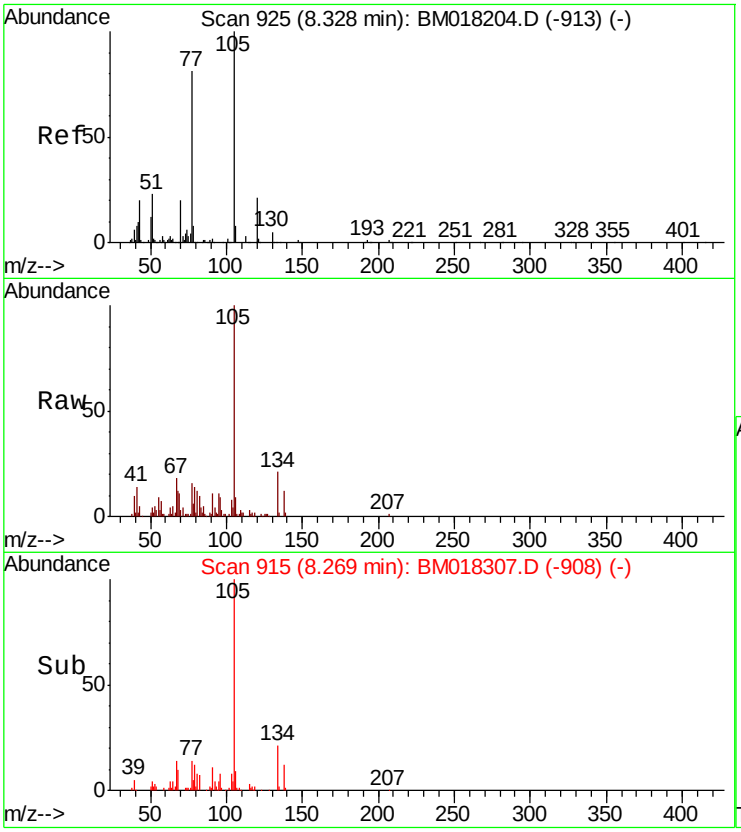


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:136 Resp: 397591

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.8	5.2	7.8#
68	7.2	5.0	7.6



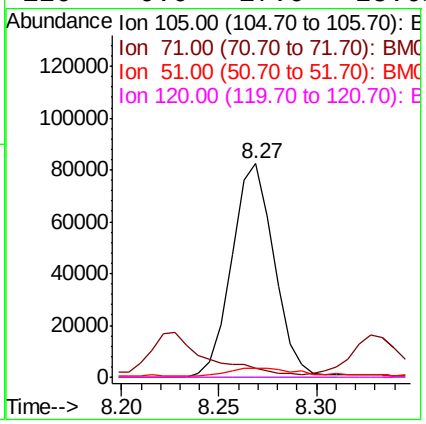


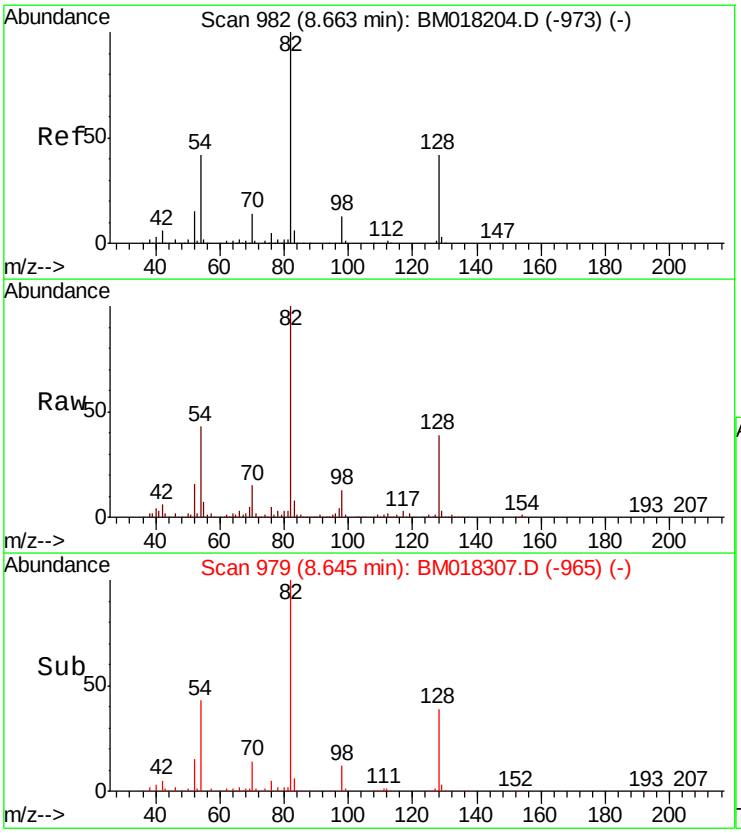
#22
Acetophenone
Concen: 11.796 ng
RT: 8.27 min Scan# 915
Delta R.T. -0.06 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:105 Resp: 124111

Ion	Ratio	Lower	Upper
105	100		
71	4.5	2.6	4.0#
51	4.4	18.3	27.5#
120	0.0	17.0	25.6#

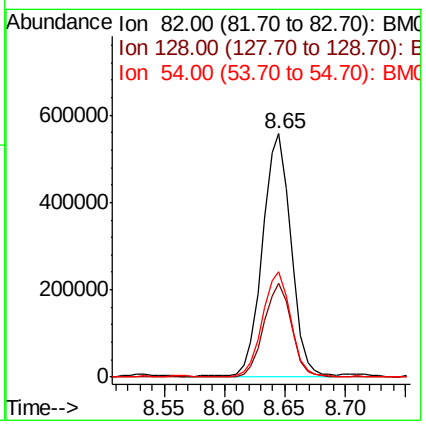


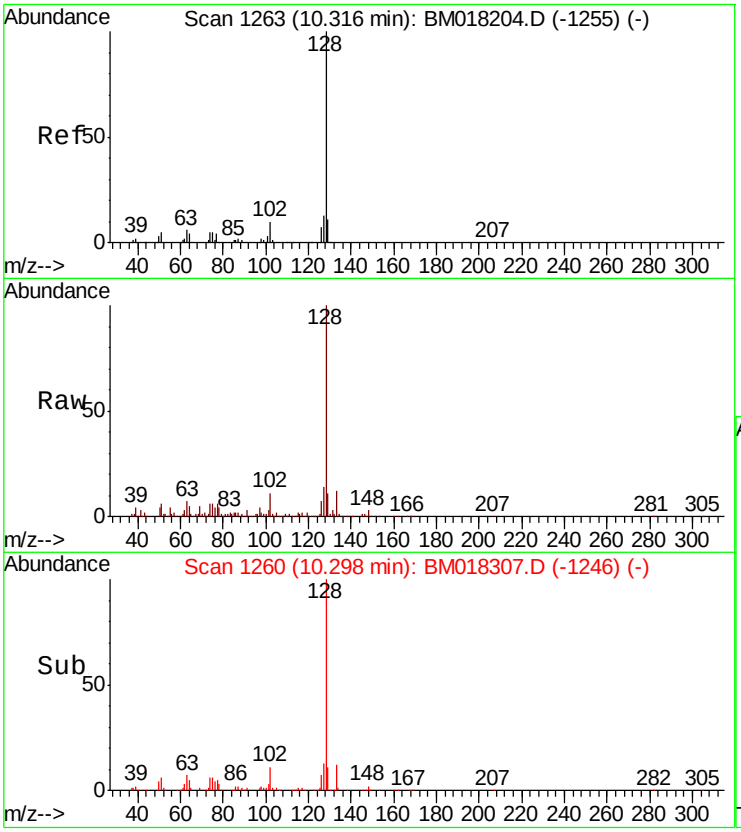


#23
Nitrobenzene-d5
Concen: 116.596 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion: 82 Resp: 903769

Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.4	50.2
54	43.4	33.4	50.2



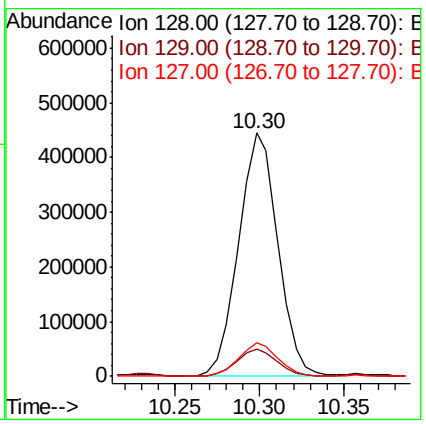


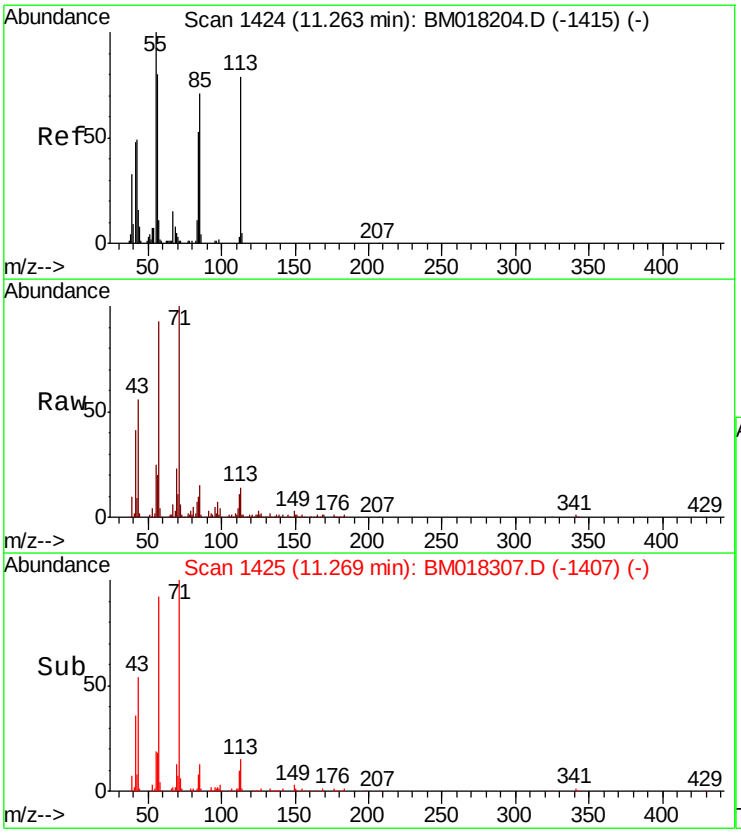
#31
Naphthalene
Concen: 37.031 ng
RT: 10.30 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:128 Resp: 719933

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.7	10.4	15.6

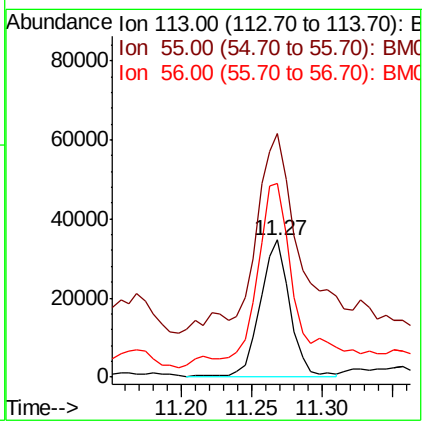


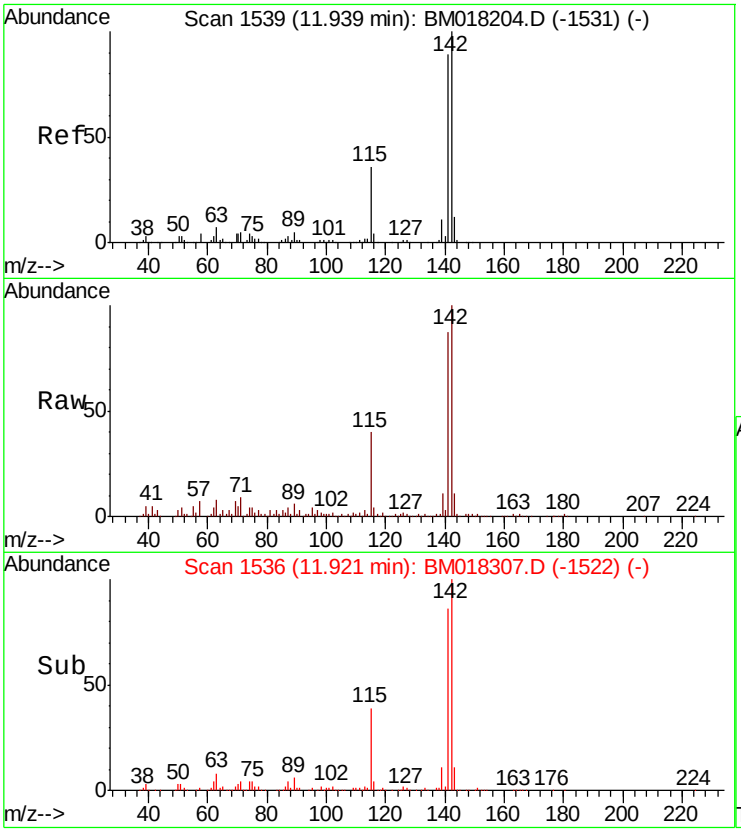


#35
Caprolactam
Concen: 22.437 ng
RT: 11.27 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:113 Resp: 51897

Ion	Ratio	Lower	Upper
113	100		
55	177.8	105.9	145.9#
56	141.3	80.1	120.1#



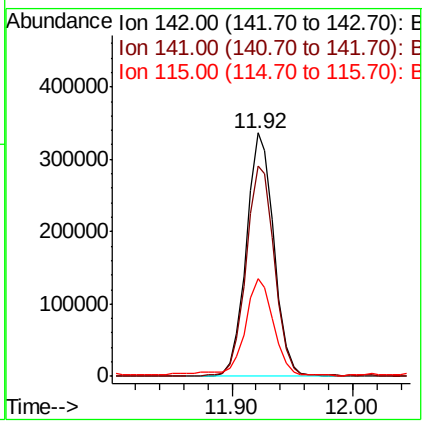


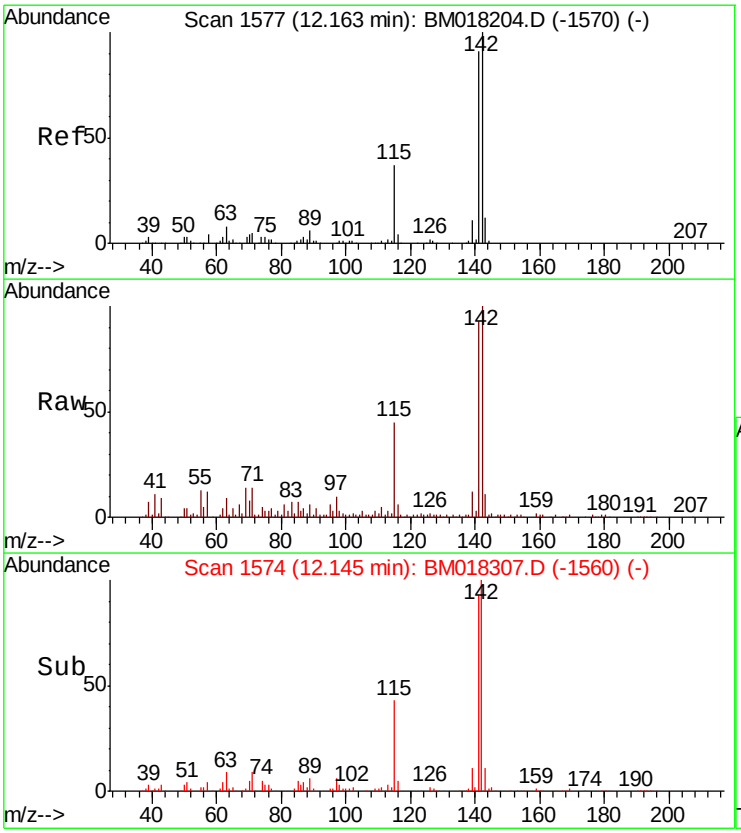
#37
2-Methylnaphthalene
Concen: 39.064 ng
RT: 11.92 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:142 Resp: 535585

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.4	107.2
115	40.0	29.0	43.6

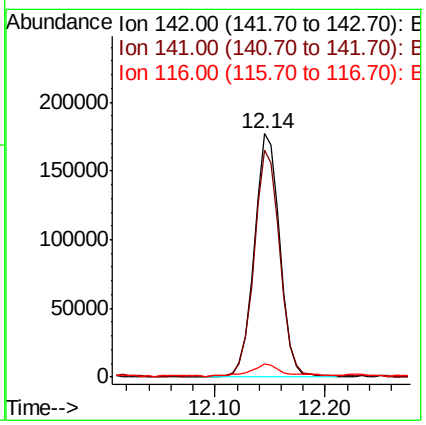


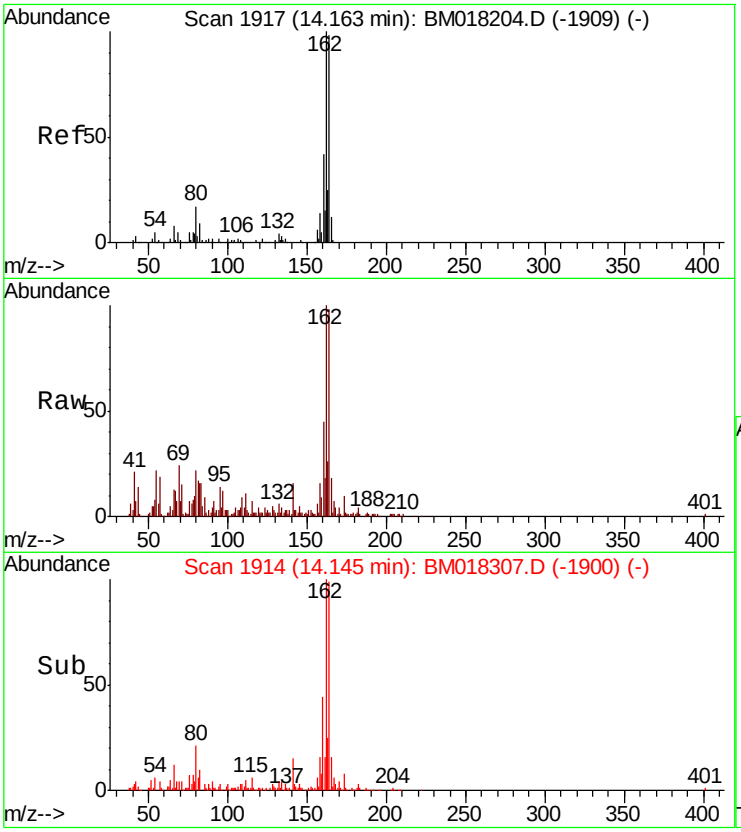


#38
1-Methylnaphthalene
Concen: 21.495 ng
RT: 12.14 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:142 Resp: 287573

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.0	109.4
116	5.5	3.0	4.6#



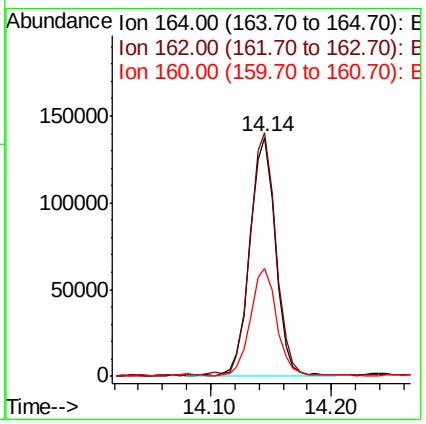


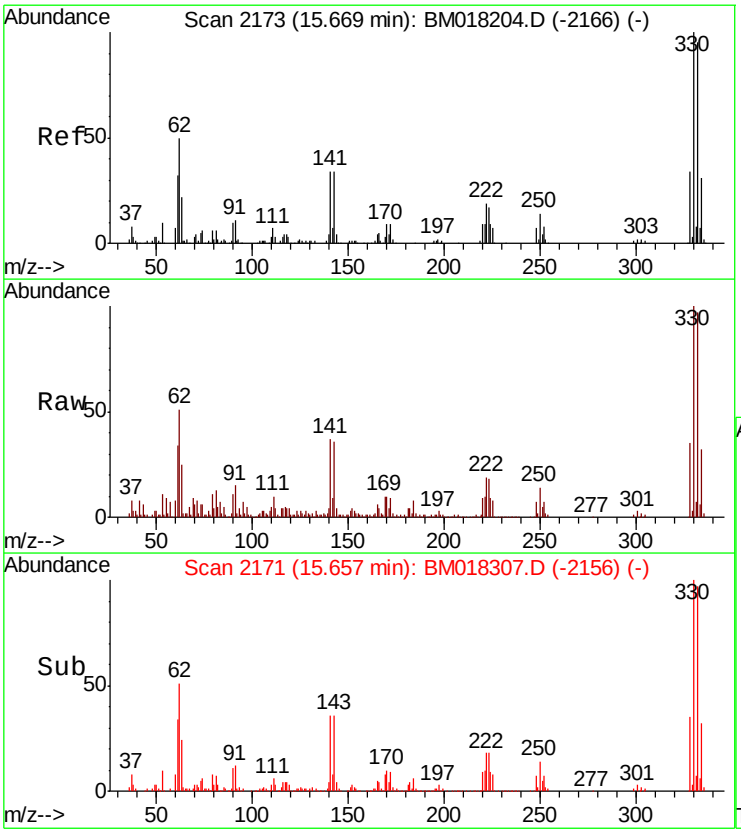
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:164 Resp: 202651

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	45.5	34.6	51.8

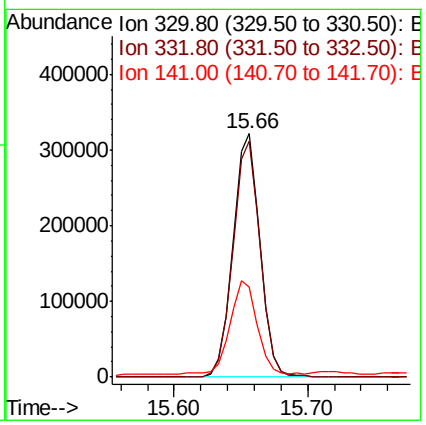


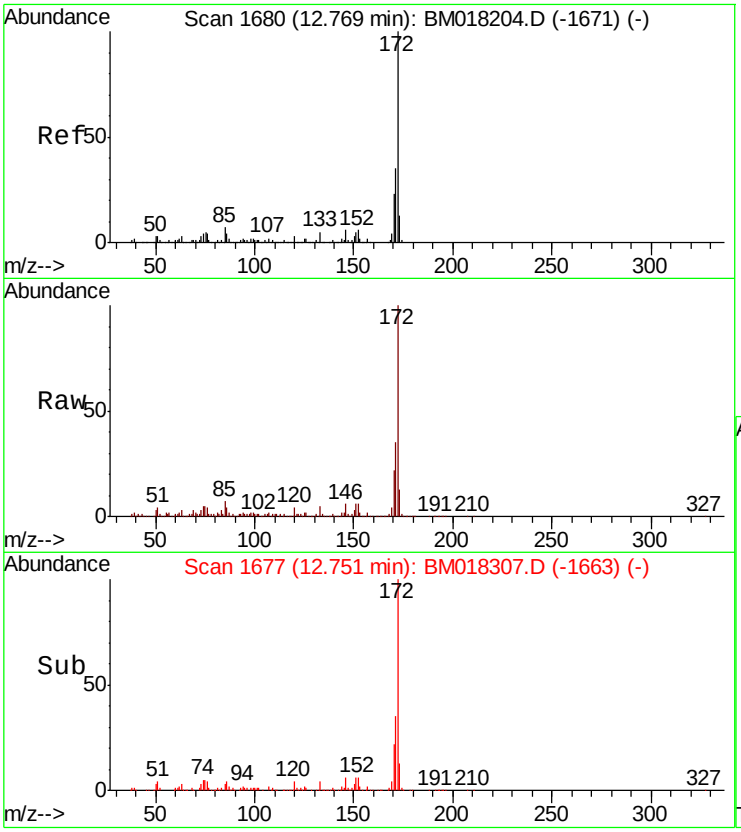


#42
2,4,6-Tribromophenol
Concen: 151.735 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:330 Resp: 451313

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.6	118.0
141	39.0	27.1	40.7



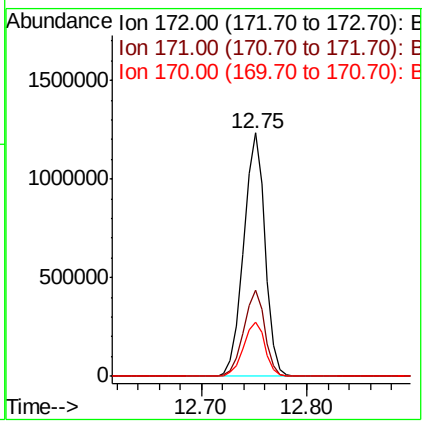


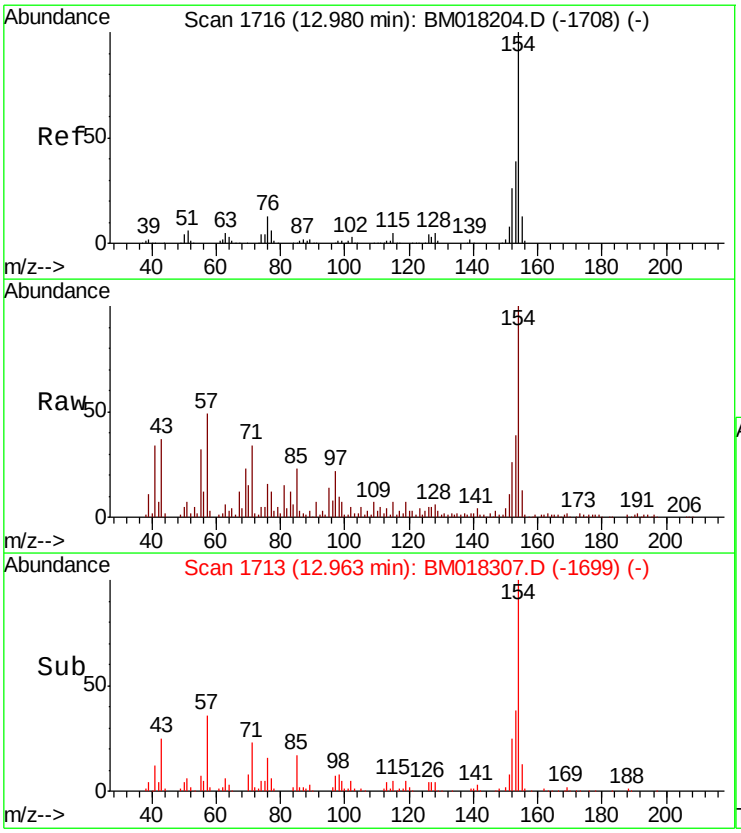
#45
2-Fluorobiphenyl
Concen: 110.645 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:172 Resp: 1731138

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	22.4	18.1	27.1

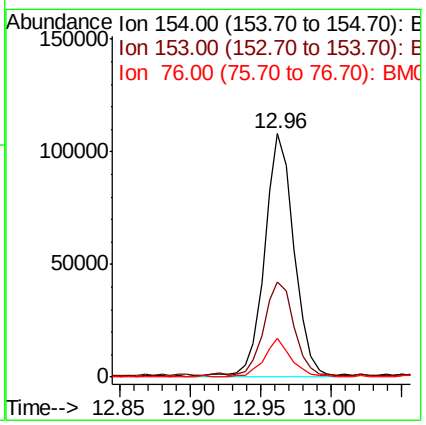


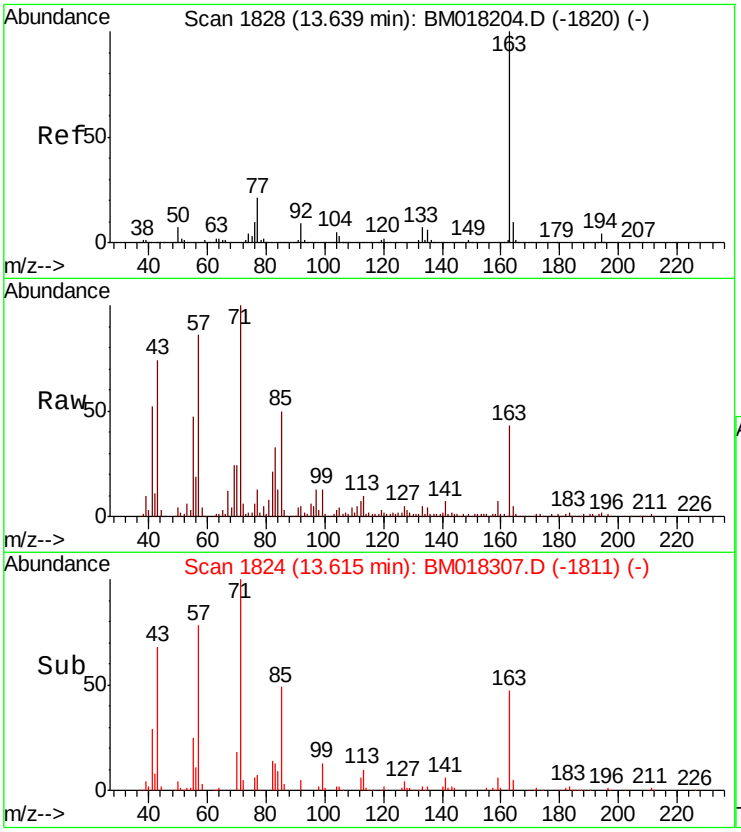


#46
1,1'-Biphenyl
Concen: 8.563 ng
RT: 12.96 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:154 Resp: 156119

Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.5	59.5
76	15.8	0.0	33.1



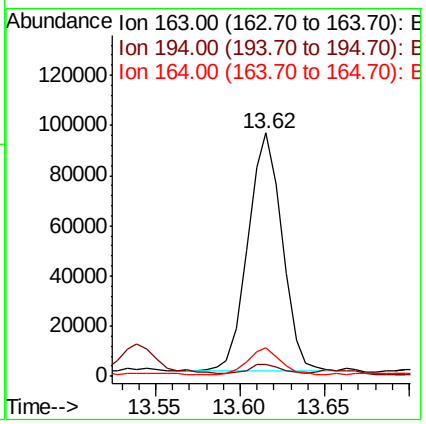


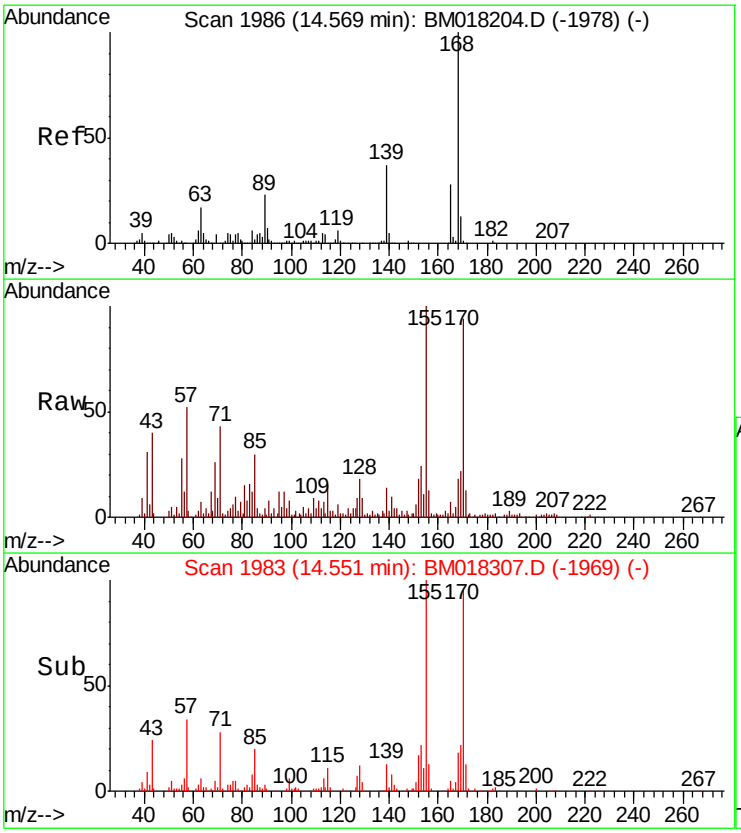
#50
Dimethylphthalate
Concen: 7.974 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:163 Resp: 134337

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.1	4.7
164	11.6	7.9	11.9

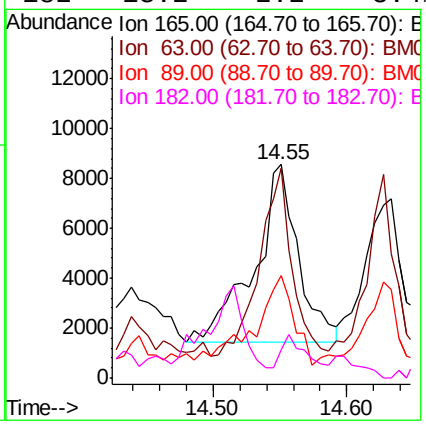


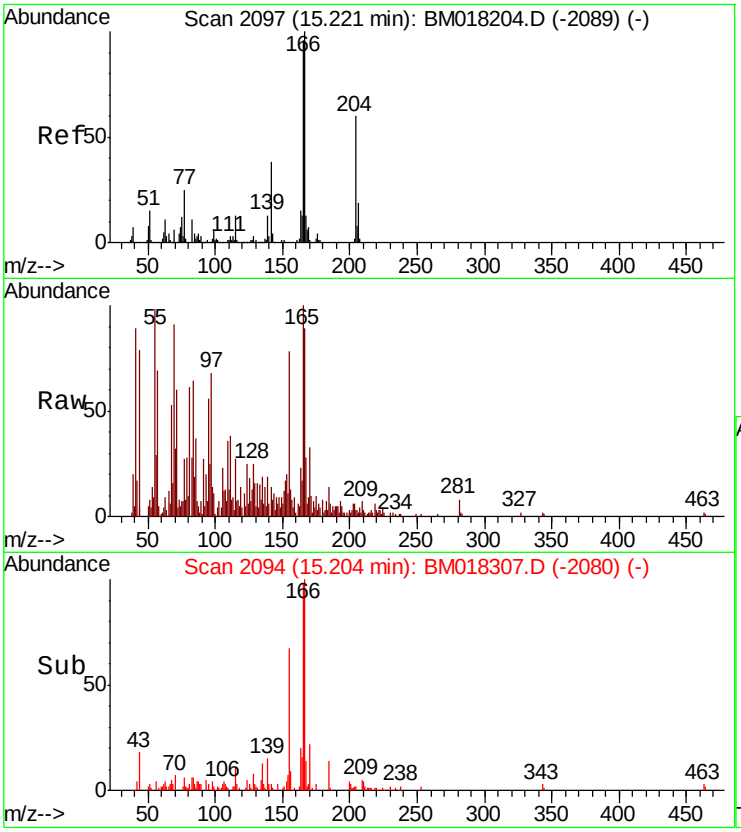


#57
2,4-Dinitrotoluene
Concen: 3.174 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:165 Resp: 16248

Ion	Ratio	Lower	Upper
165	100		
63	98.4	47.2	70.8#
89	48.0	65.8	98.8#
182	13.2	2.2	3.4#



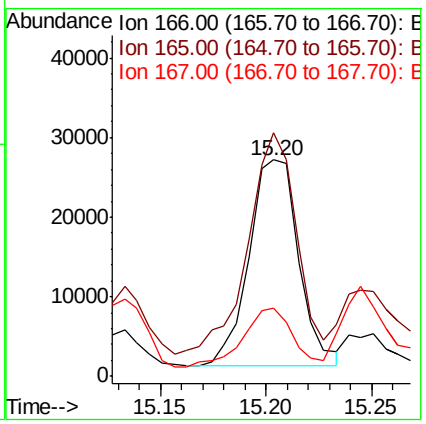


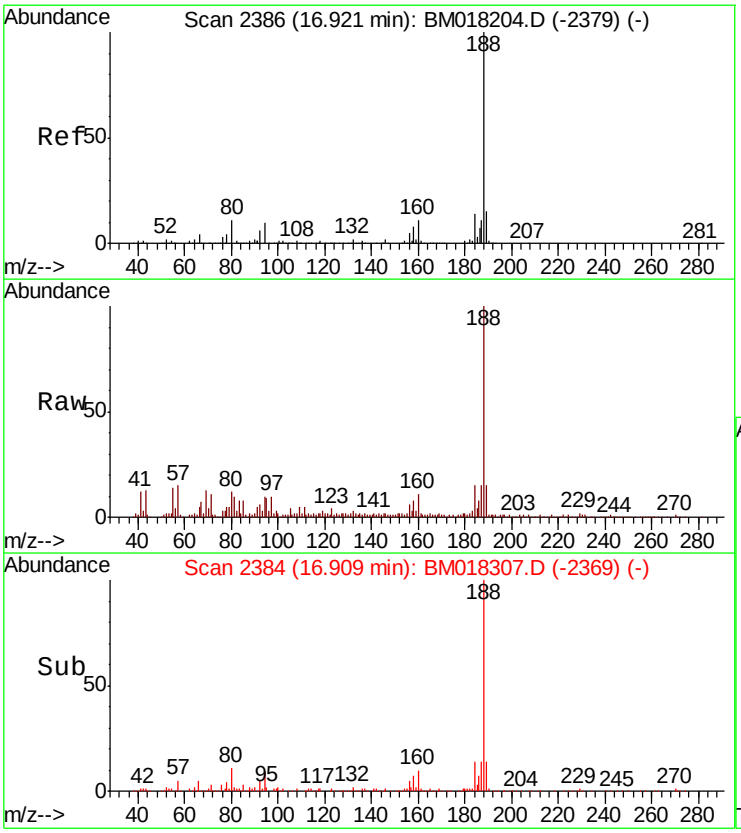
#58
Fluorene
Concen: 2.767 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:166 Resp: 42431

Ion	Ratio	Lower	Upper
166	100		
165	112.4	76.9	115.3
167	31.5	10.5	15.7#

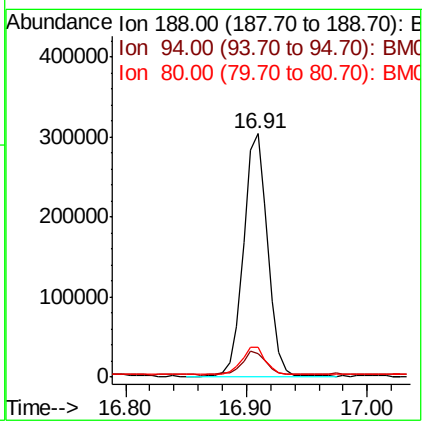


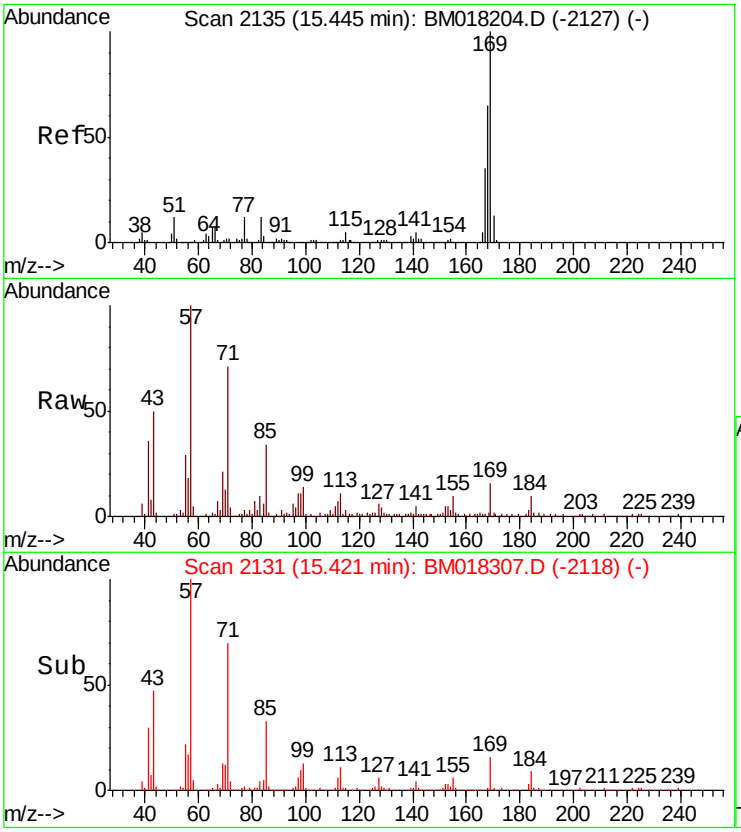


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:188 Resp: 424301

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	12.3	9.0	13.6



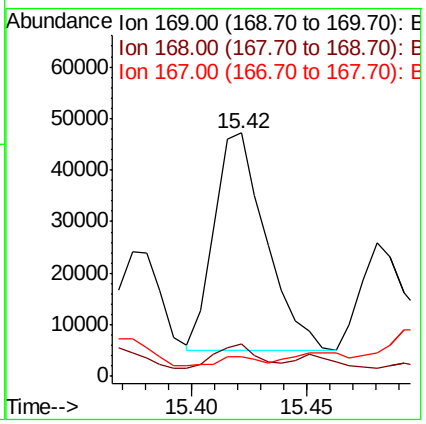


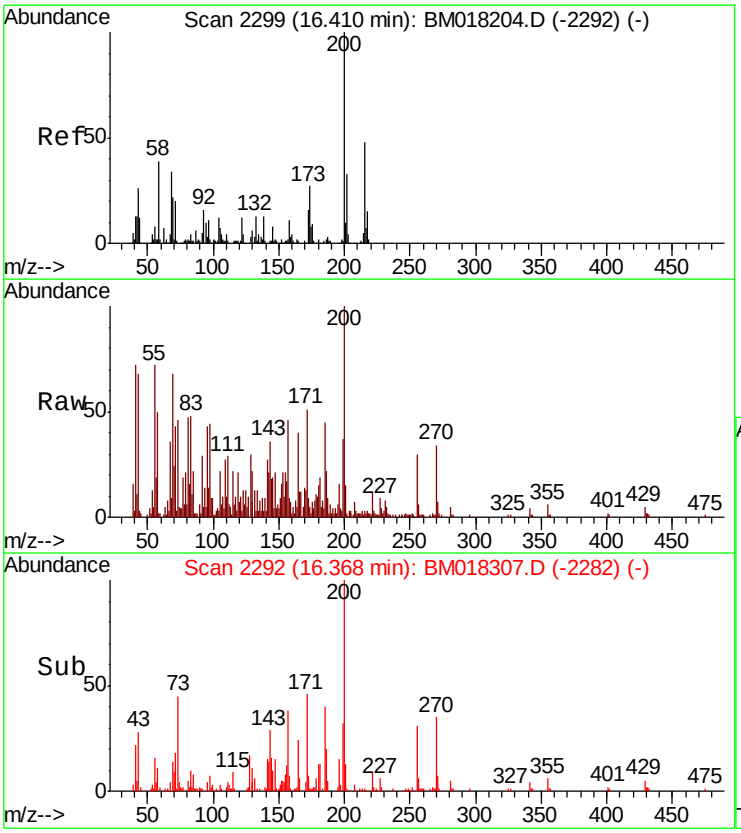
#66
n-Nitrosodiphenylamine
Concen: 4.696 ng
RT: 15.42 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:169 Resp: 65892

Ion	Ratio	Lower	Upper
169	100		
168	13.1	52.2	78.4#
167	8.2	27.6	41.4#

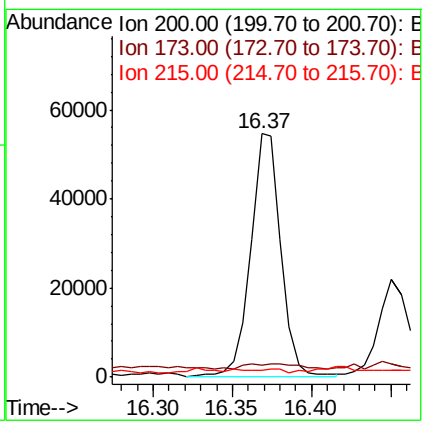


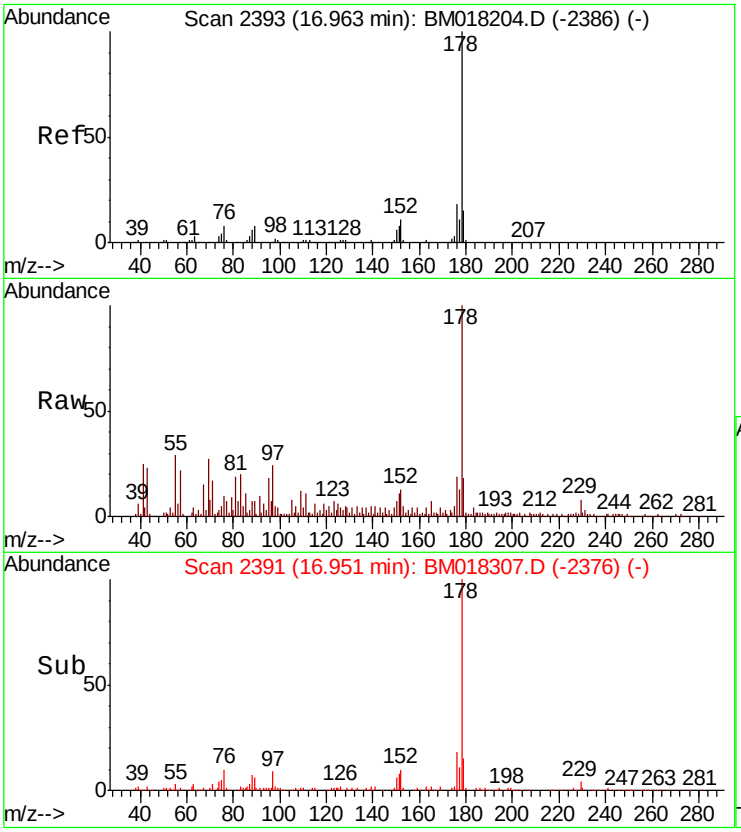


#69
Atrazine
Concen: 15.345 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.04 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:200 Resp: 72684

Ion	Ratio	Lower	Upper
200	100		
173	4.7	6.9	46.9#
215	2.9	27.9	67.9#



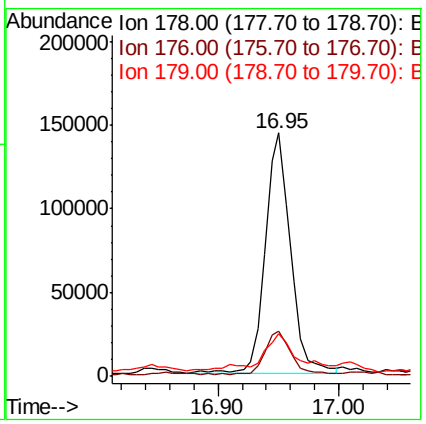


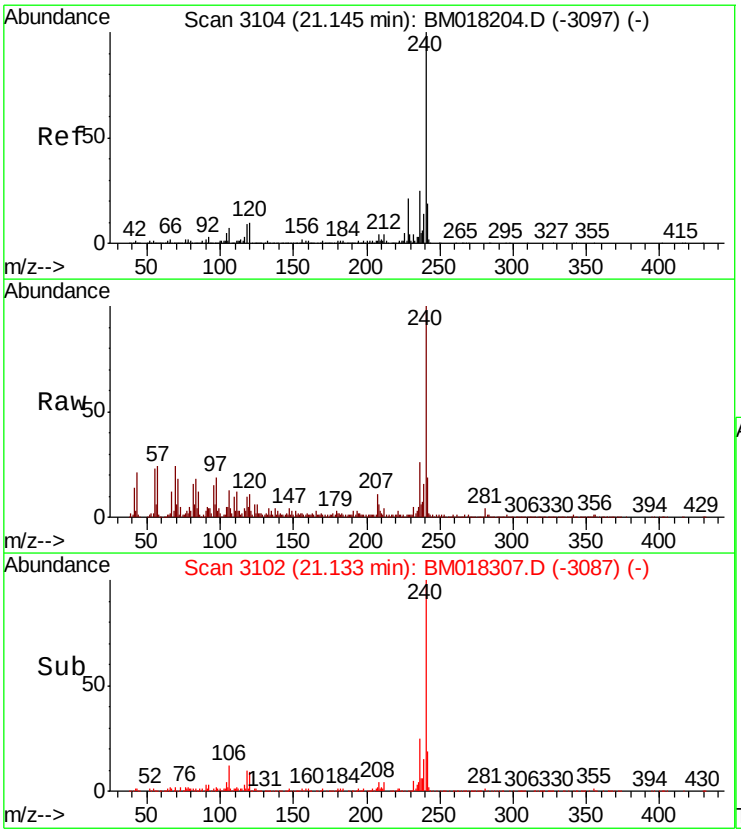
#71
Phenanthrene
Concen: 8.985 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:178 Resp: 207070

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	17.6	12.0	18.0

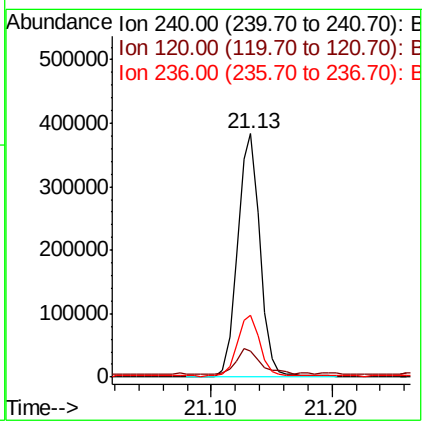


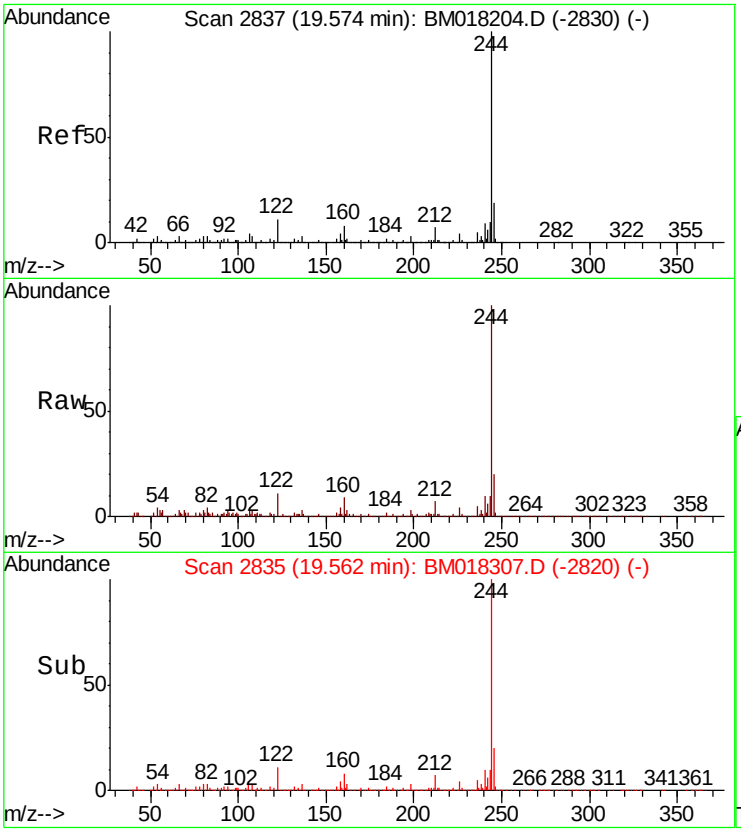


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:240 Resp: 493491

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	25.6	20.3	30.5



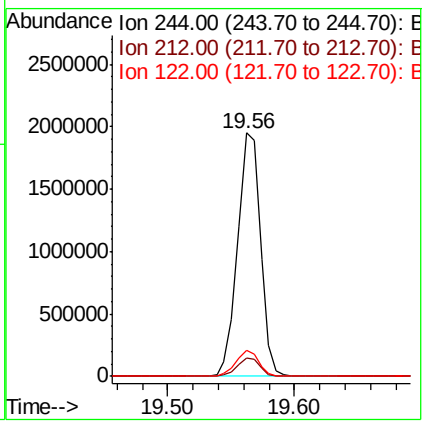


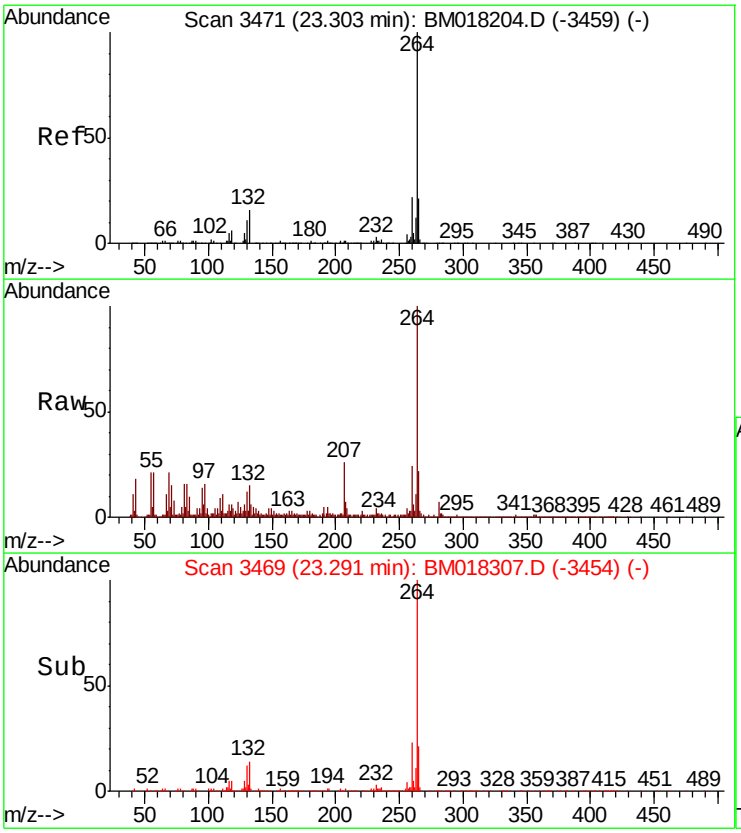
#79
Terphenyl-d14
Concen: 111.501 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-4248-01

Tgt Ion:244 Resp: 2432941

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.9	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018307.D
Acq: 19 Dec 2018 21:36

Tgt Ion:264 Resp: 555704

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.5	26.3
265	21.9	17.3	25.9