Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
Data File : BM018372.D
Acq On : 22 Dec 2018 00:18
Operator : JU/SJ
Sample : J6520-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ROLLOFF-165

Quant Time: Dec 22 03:51:59 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	7.48	152	126158	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	482416	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	246347	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	440378	20.00	ng		-0.01
76) Chrysene-d12	21.14	240	425854	20.00	ng		0.00
87) Perylene-d12	23.30	264	465989	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	765345	101.34	ng		0.00
7) Phenol-d6	6.70	99	1028364	97.97	ng		0.00
23) Nitrobenzene-d5	8.64	82	681166	72.43	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	267328	73.94	ng		0.00
45) 2-Fluorobiphenyl	12.75	172	996528	52.40	ng		-0.02
79) Terphenyl-d14	19.57	244	852761	45.29	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.72	94	77775	6.996	ng		79
50) Dimethylphthalate	13.62	163	147787	7.216	ng		99
52) Acenaphthene	14.21	154	66069	4.398	ng		97
55) Dibenzofuran	14.55	168	48835	2.023	ng		96
58) Fluorene	15.21	166	82801	4.441	ng		97
71) Phenanthrene	16.96	178	1165087	48.707	ng		100
72) Anthracene	17.04	178	268378	11.309	ng		98
73) Carbazole	17.33	167	101089	4.150	ng		98
75) Fluoranthene	18.99	202	1782010	64.076	ng		99
78) Pyrene	19.36	202	1482552	58.427	ng		99
81) Benzo(a)anthracene	21.12	228	748890	30.105	ng		99
83) Chrysene	21.17	228	652288	27.261	ng		98
86) Indeno(1,2,3-cd)pyrene	25.45	276	491189	20.608	ng	#	94
88) Benzo(b)fluoranthene	22.67	252	960508	36.695	ng		99
89) Benzo(k)fluoranthene	22.67	252	960541	36.847	ng		97
90) Benzo(a)pyrene	23.21	252	713789	28.671	ng		97
91) Dibenzo(a,h)anthracene	25.44	278	117362	5.089	ng	#	91
92) Benzo(g,h,i)perylene	26.10	276	482491	22.133	ng		98

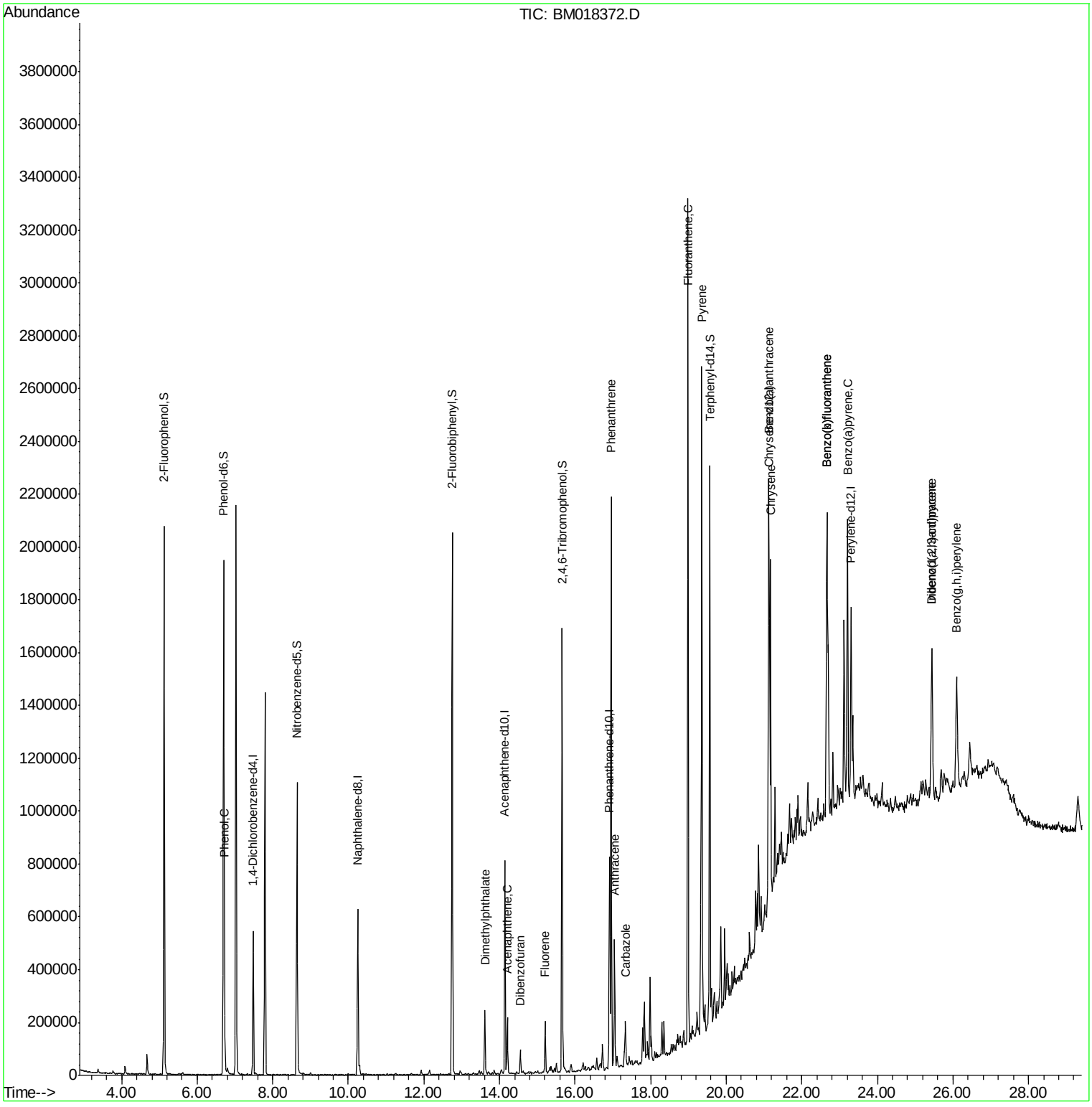
(#) = qualifier out of range (m) = manual integration (+) = signals summed

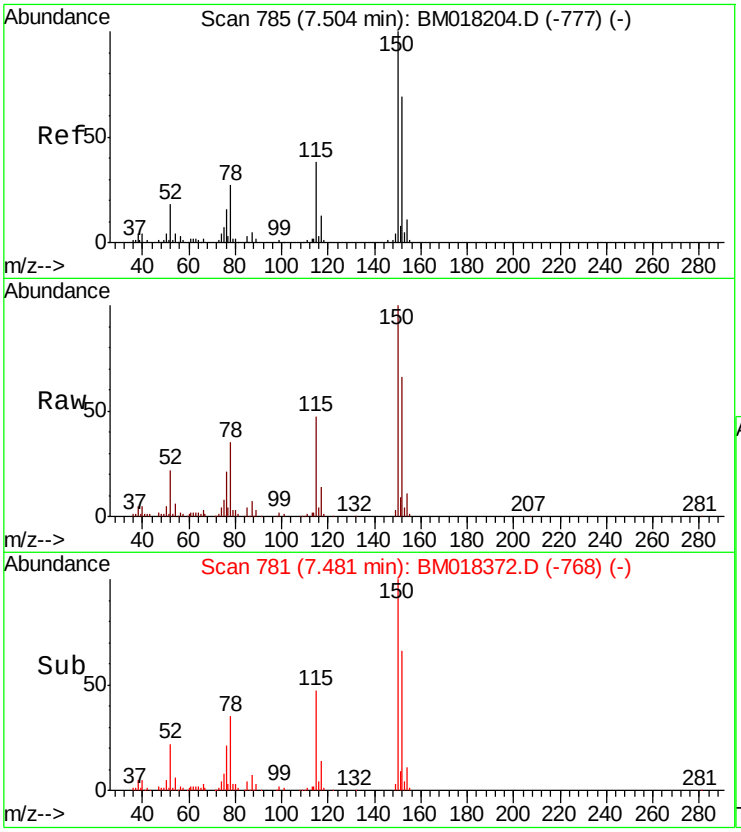
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
Data File : BM018372.D
Acq On : 22 Dec 2018 00:18
Operator : JU/SJ
Sample : J6520-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Quant Time: Dec 22 03:51:59 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



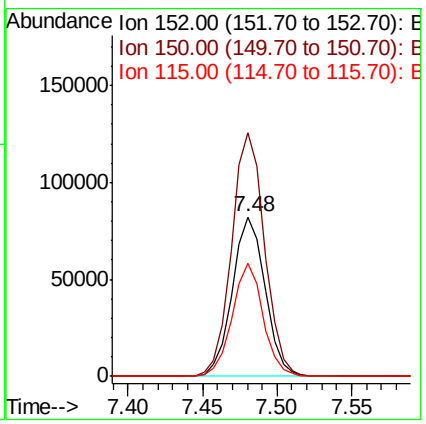


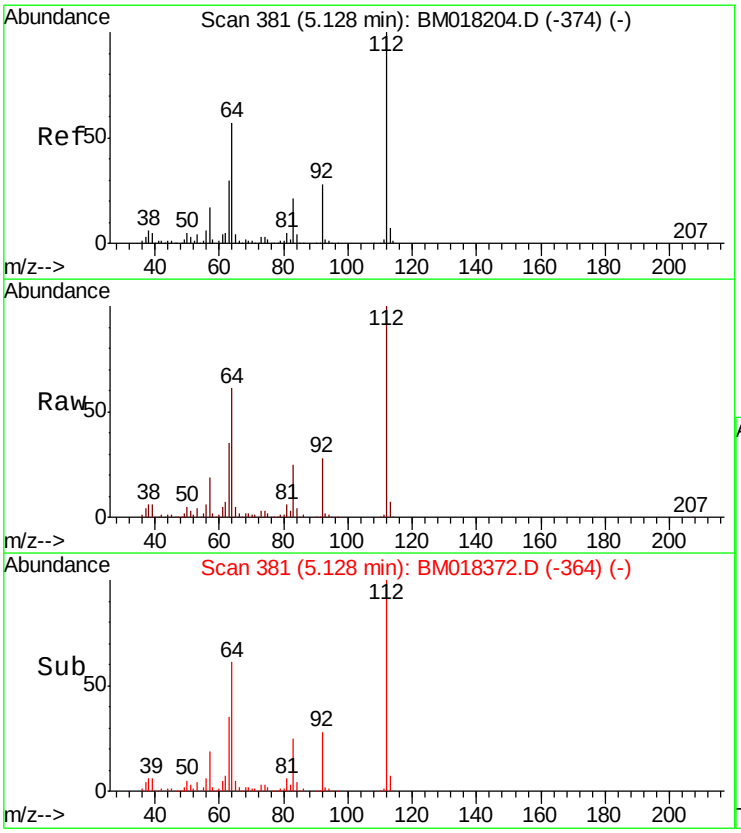
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:152 Resp: 126158

Ion	Ratio	Lower	Upper
152	100		
150	152.5	116.1	174.1
115	71.0	44.6	67.0#

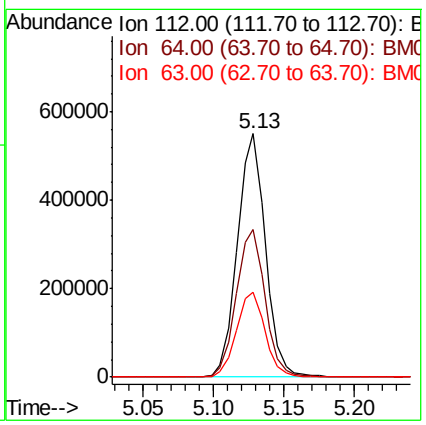


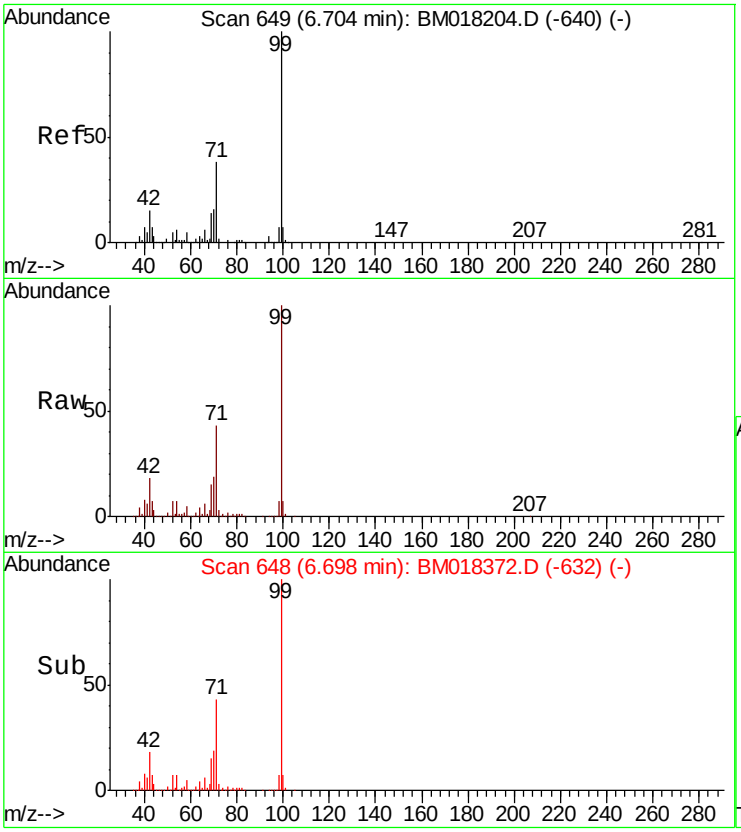


#5
2-Fluorophenol
Concen: 101.341 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:112 Resp: 765345

Ion	Ratio	Lower	Upper
112	100		
64	60.5	45.4	68.2
63	35.1	24.0	36.0



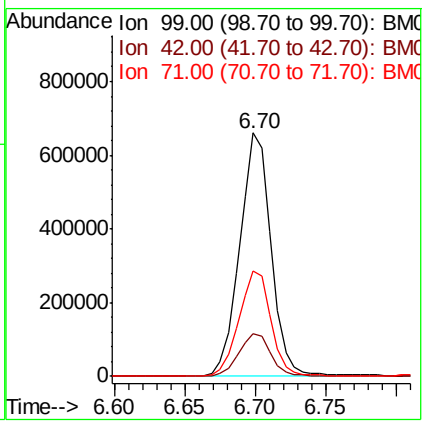


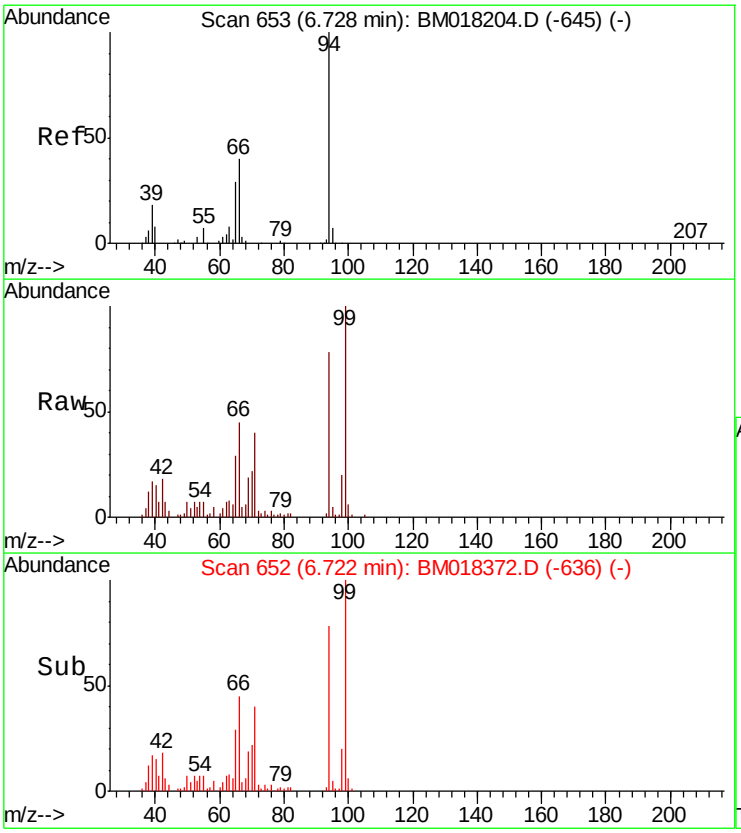
#7
Phenol-d6
Concen: 97.968 ng
RT: 6.70 min Scan# 648
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion: 99 Resp: 1028364

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.3	18.5
71	43.3	30.2	45.2

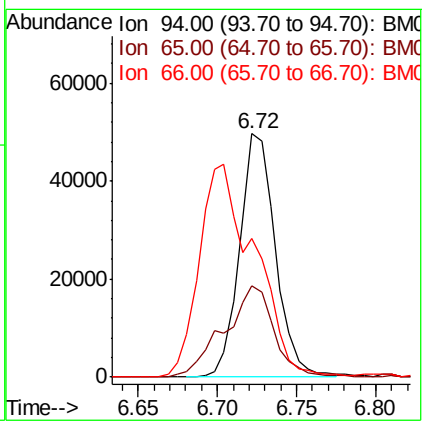


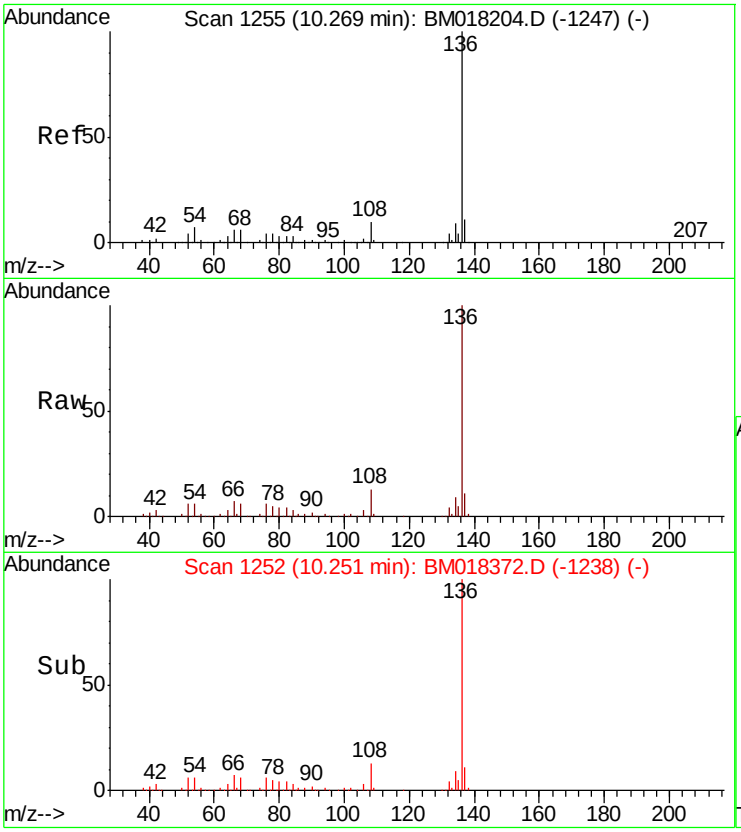


#10
Phenol
Concen: 6.996 ng
RT: 6.72 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion: 94 Resp: 77775

Ion	Ratio	Lower	Upper
94	100		
65	37.3	9.5	49.5
66	57.1	21.3	61.3



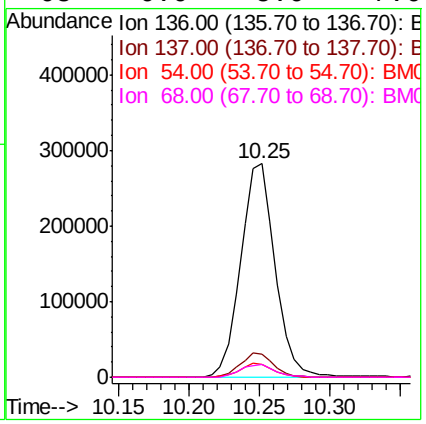


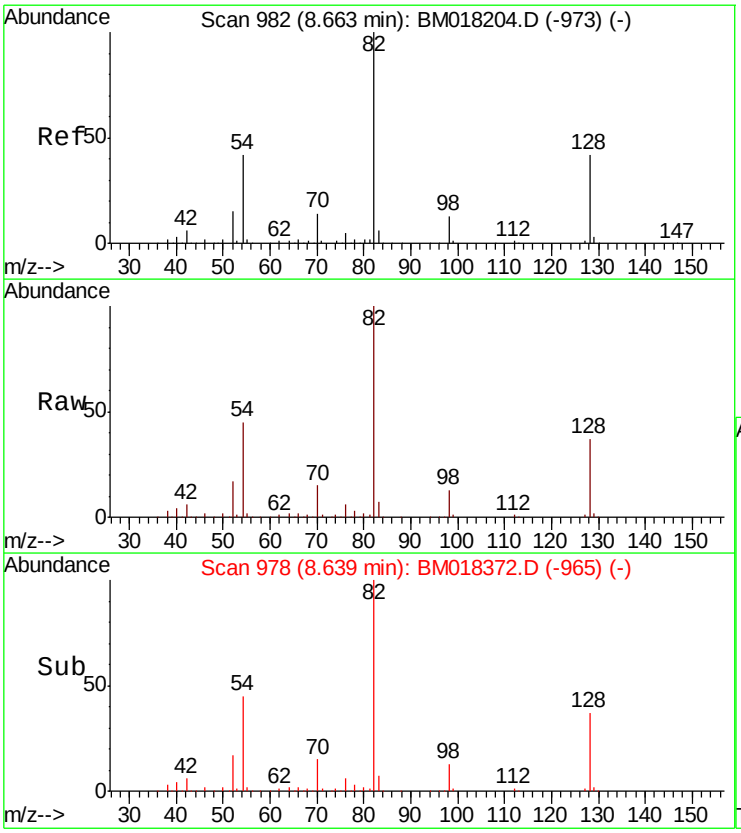
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:136 Resp: 482416

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.3	5.2	7.8
68	6.0	5.0	7.6

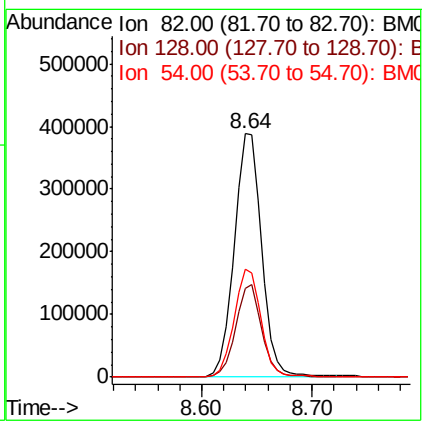


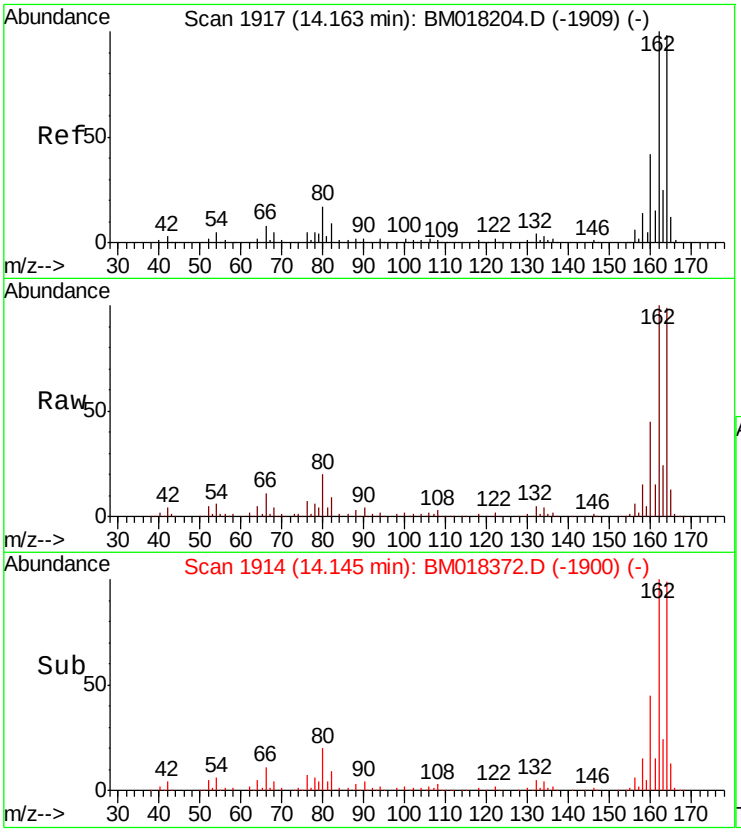


#23
Nitrobenzene-d5
Concen: 72.426 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion: 82 Resp: 681166

Ion	Ratio	Lower	Upper
82	100		
128	36.7	33.4	50.2
54	44.5	33.4	50.2



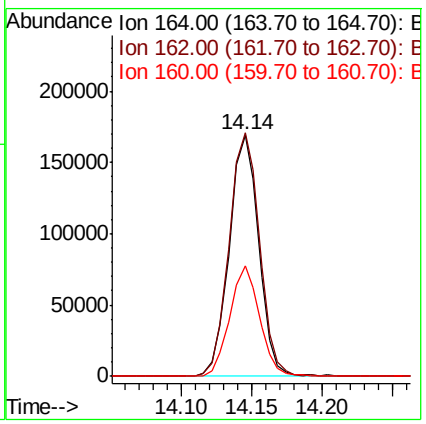


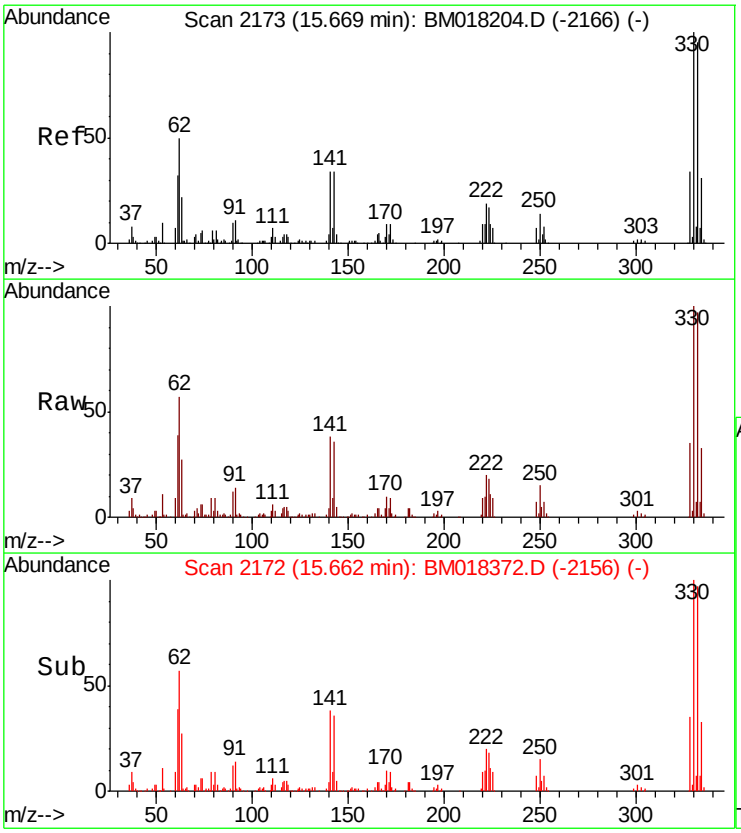
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:164 Resp: 246347

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	45.7	34.6	51.8

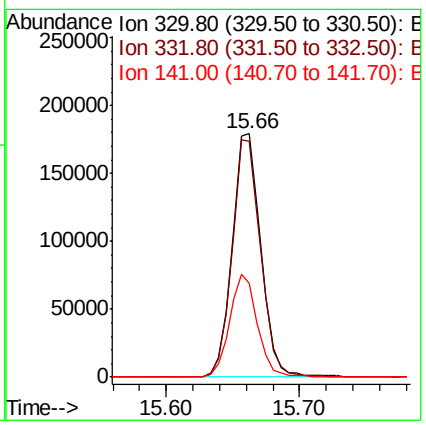


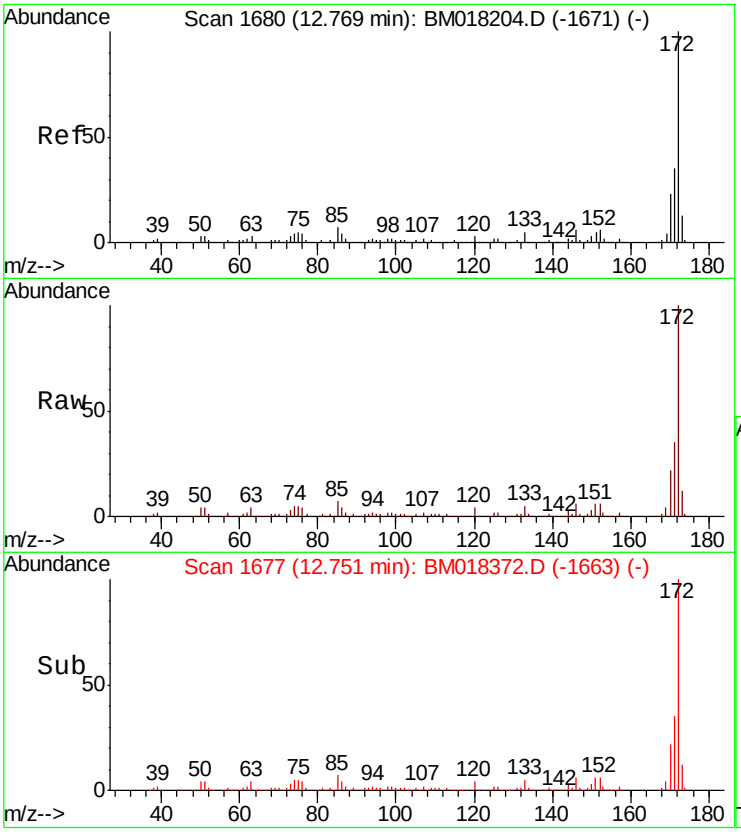


#42
2,4,6-Tribromophenol
Concen: 73.936 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:330 Resp: 267328

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	118.0
141	41.4	27.1	40.7#



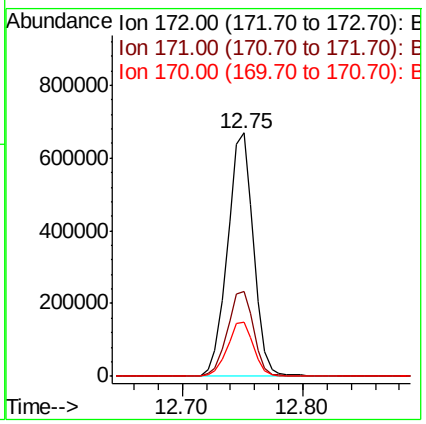


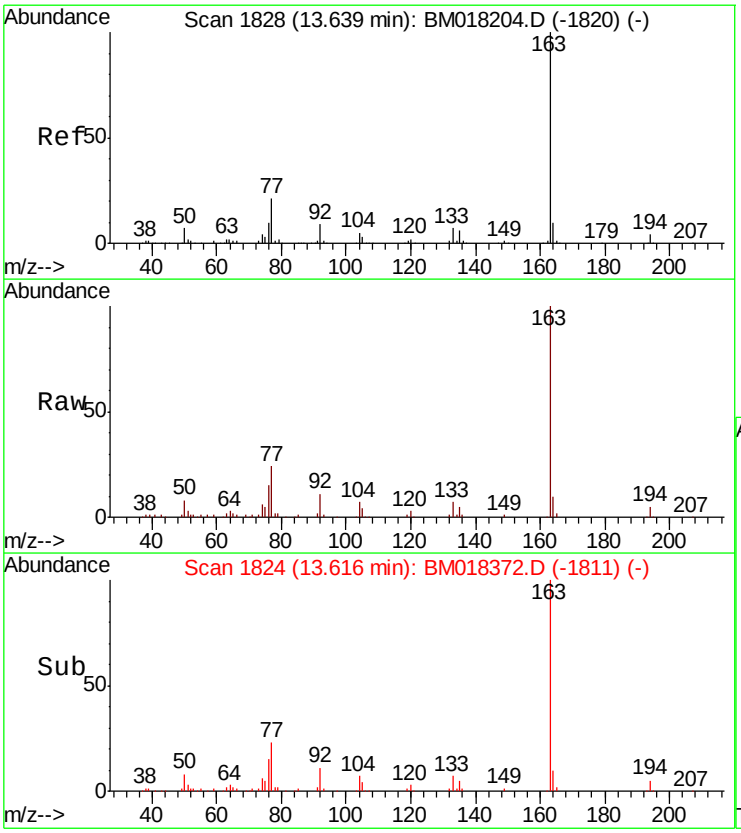
#45
2-Fluorobiphenyl
Concen: 52.395 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:172 Resp: 996528

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	22.4	18.1	27.1

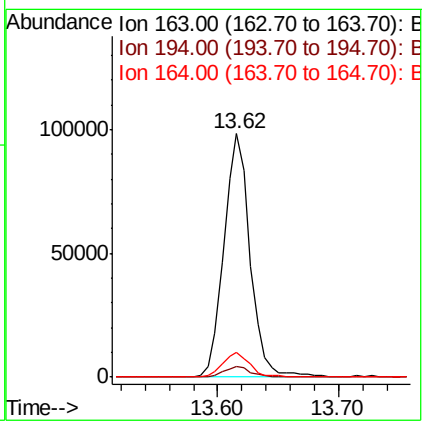


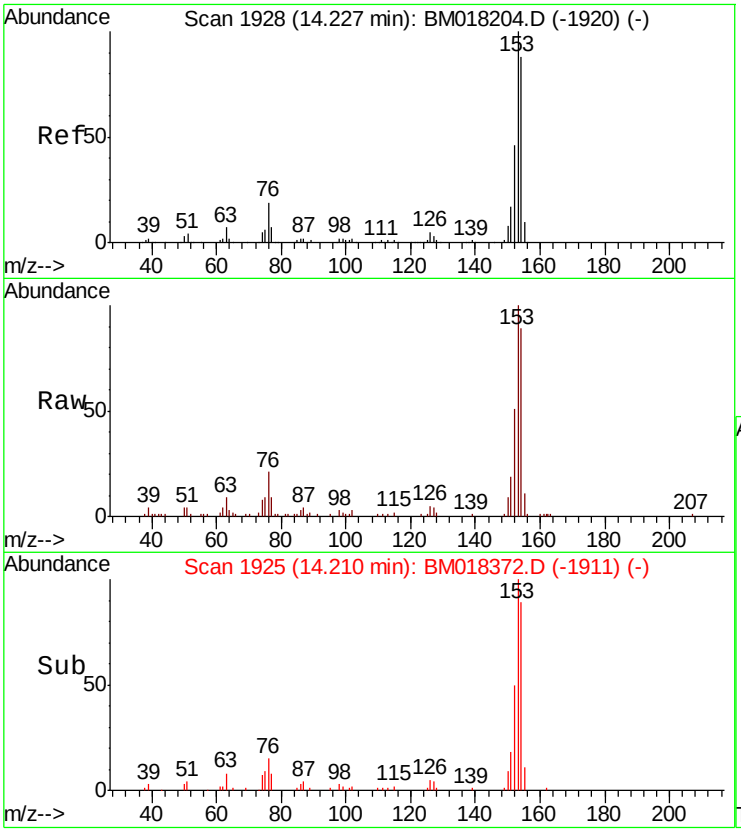


#50
Dimethylphthalate
Concen: 7.216 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:163 Resp: 147787

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	10.3	7.9	11.9



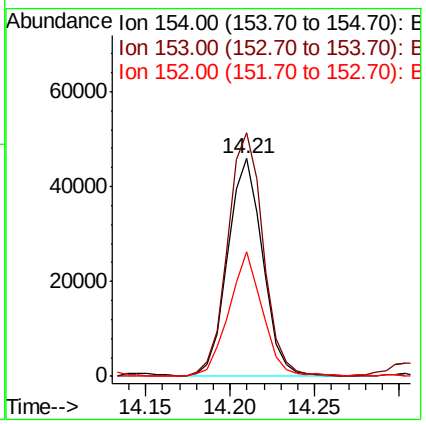


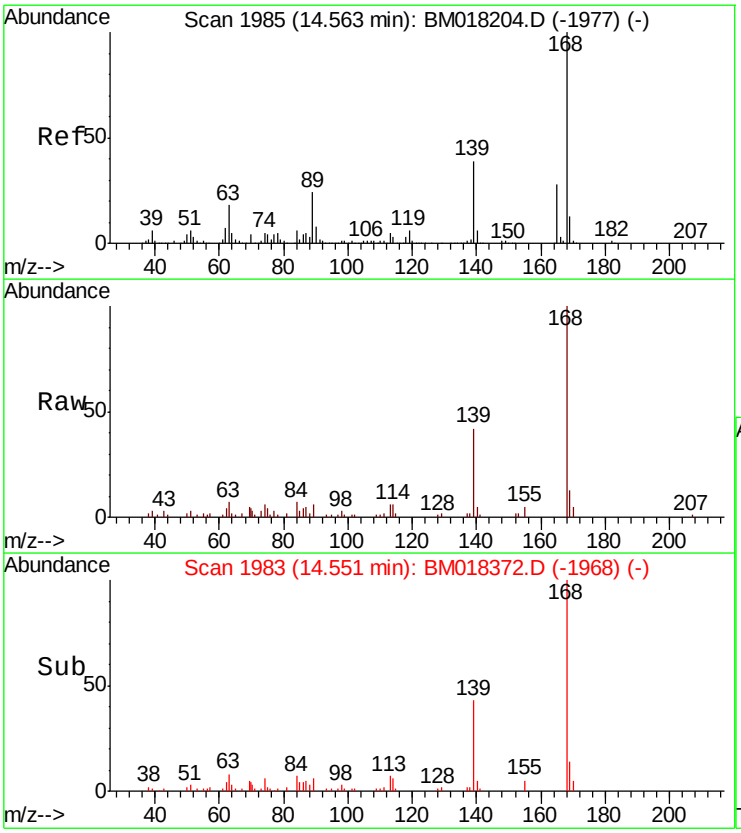
#52
Acenaphthene
Concen: 4.398 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:154 Resp: 66069

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.4	135.6
152	57.0	41.2	61.8

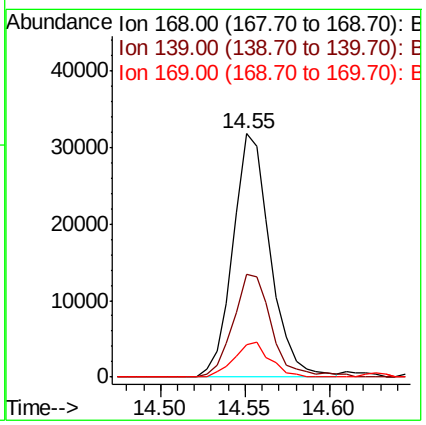


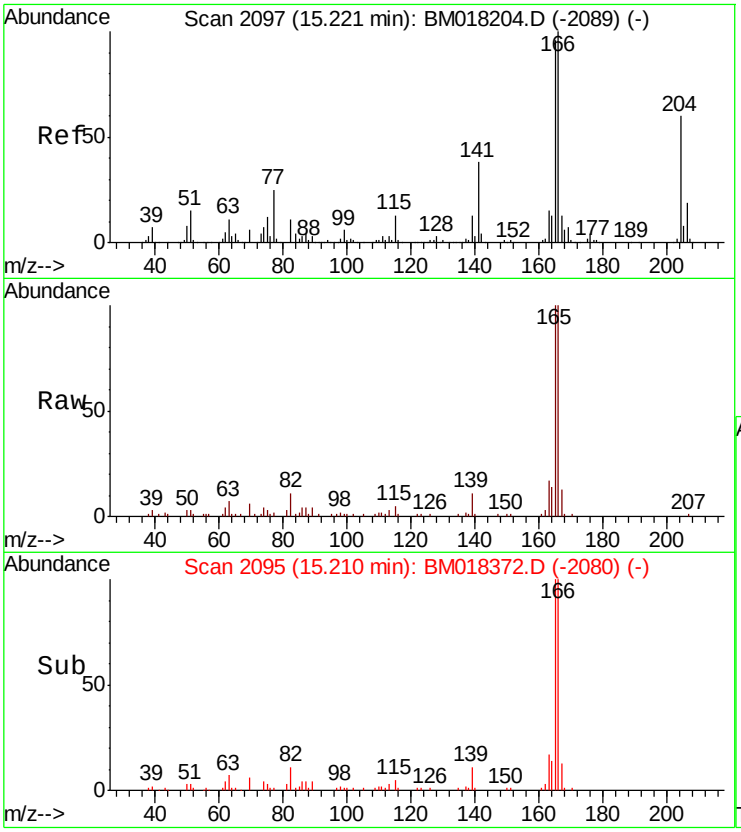


#55
Dibenzofuran
Concen: 2.023 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:168 Resp: 48835

Ion	Ratio	Lower	Upper
168	100		
139	42.1	31.2	46.8
169	13.4	10.4	15.6



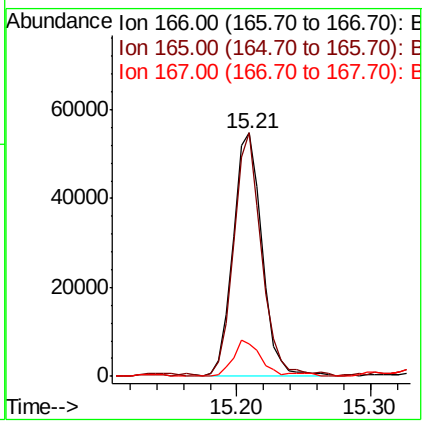


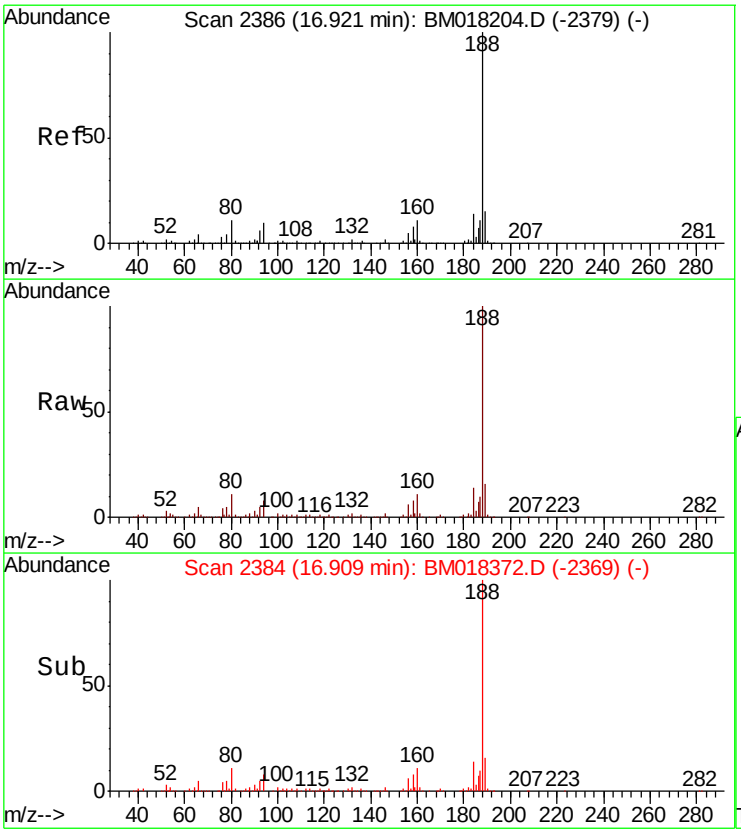
#58
Fluorene
Concen: 4.441 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:166 Resp: 82801

Ion	Ratio	Lower	Upper
166	100		
165	99.9	76.9	115.3
167	13.3	10.5	15.7

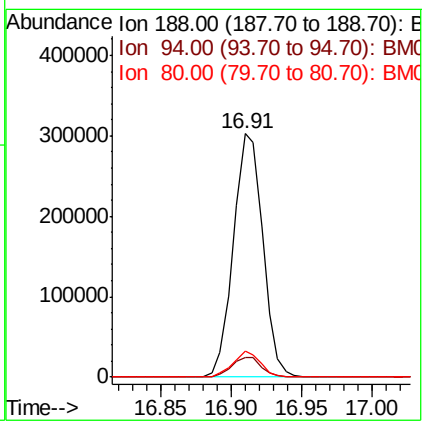


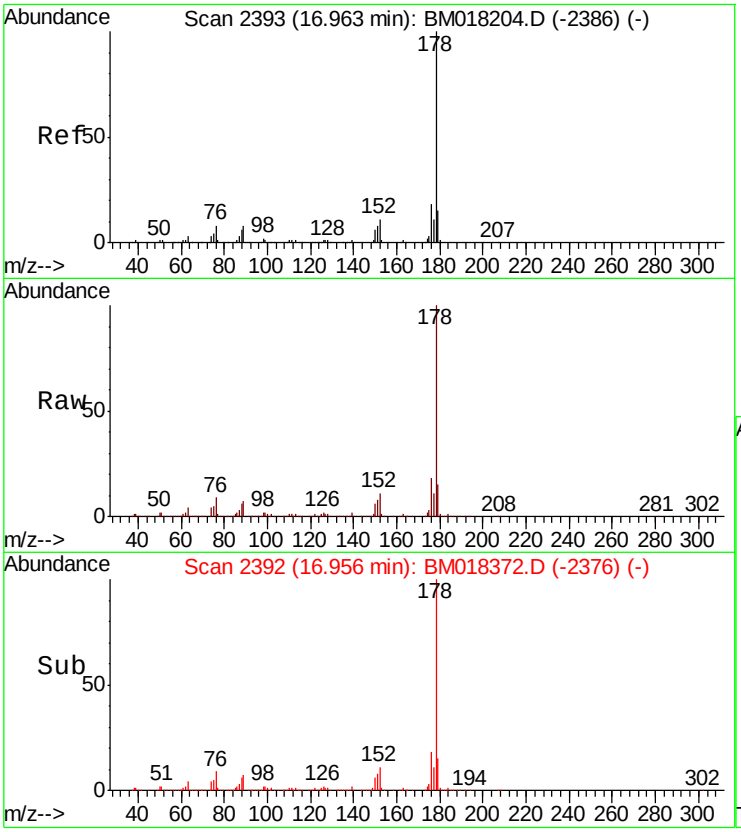


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:188 Resp: 440378

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.0	12.0#
80	10.9	9.0	13.6



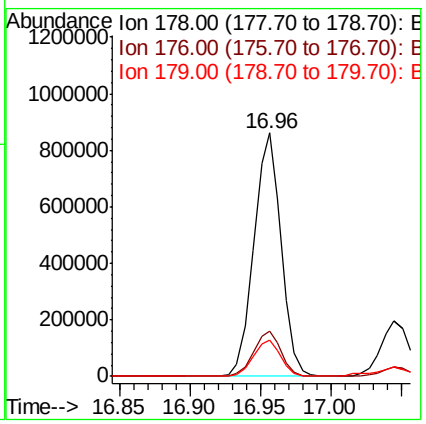


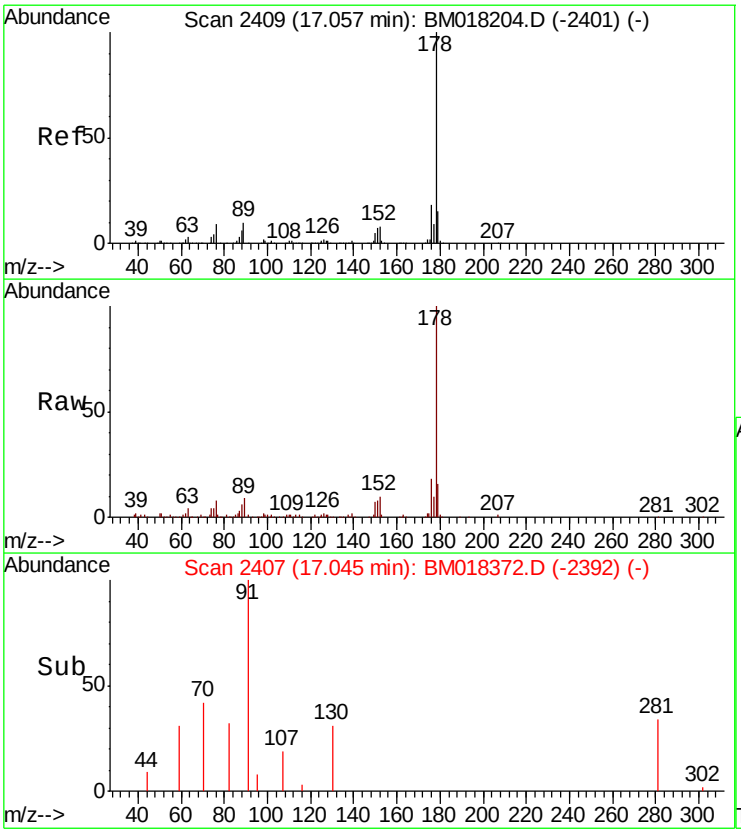
#71
Phenanthrene
Concen: 48.707 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:178 Resp: 1165087

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.1	12.0	18.0

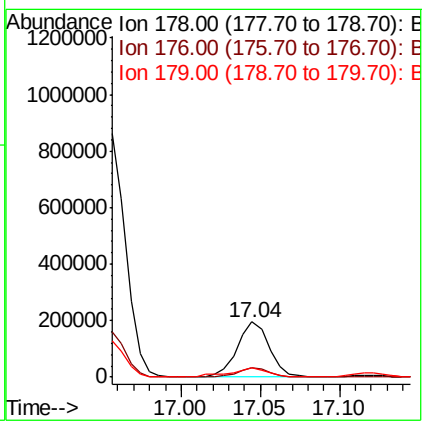


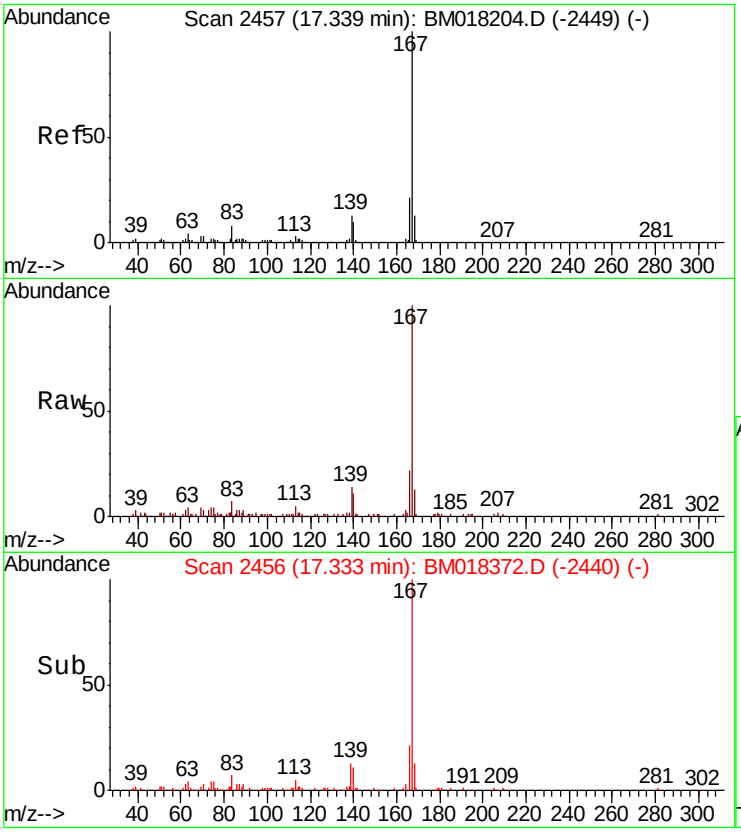


#72
Anthracene
Concen: 11.309 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:178 Resp: 268378

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.3	21.5
179	16.2	12.0	18.0



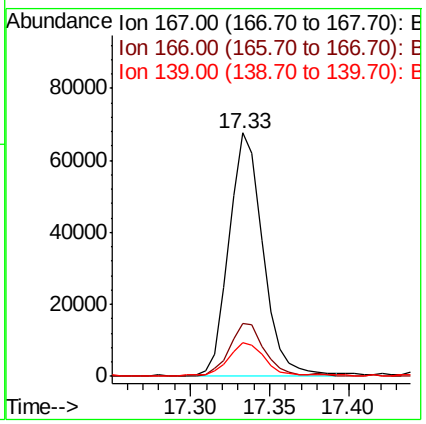


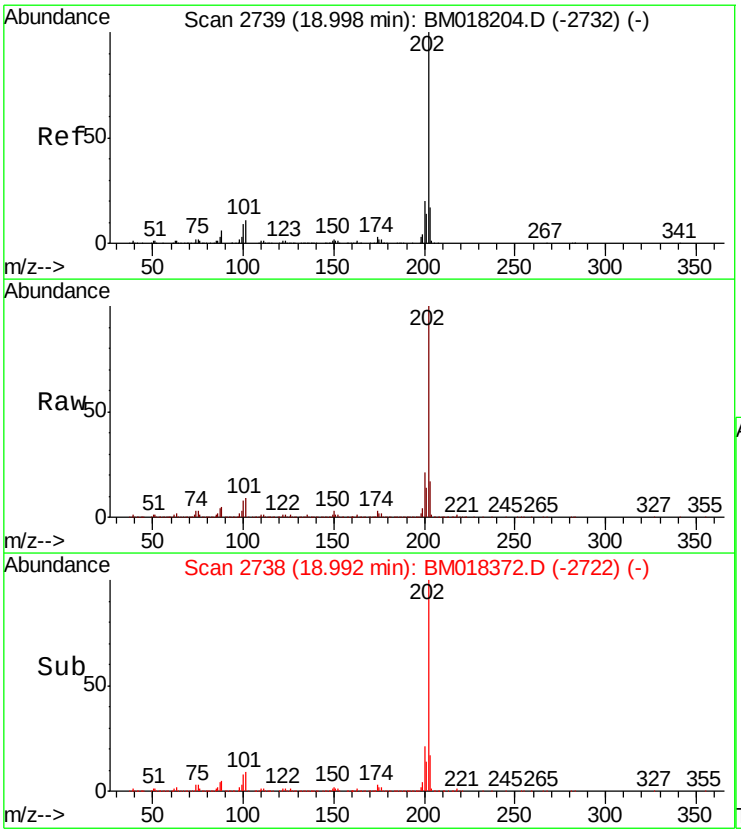
#73
Carbazole
Concen: 4.150 ng
RT: 17.33 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:167 Resp: 101089

Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.8	25.2
139	14.0	10.3	15.5

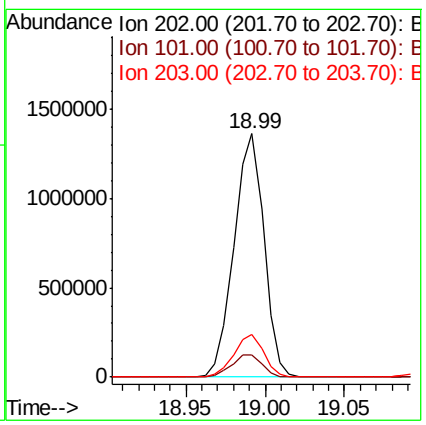


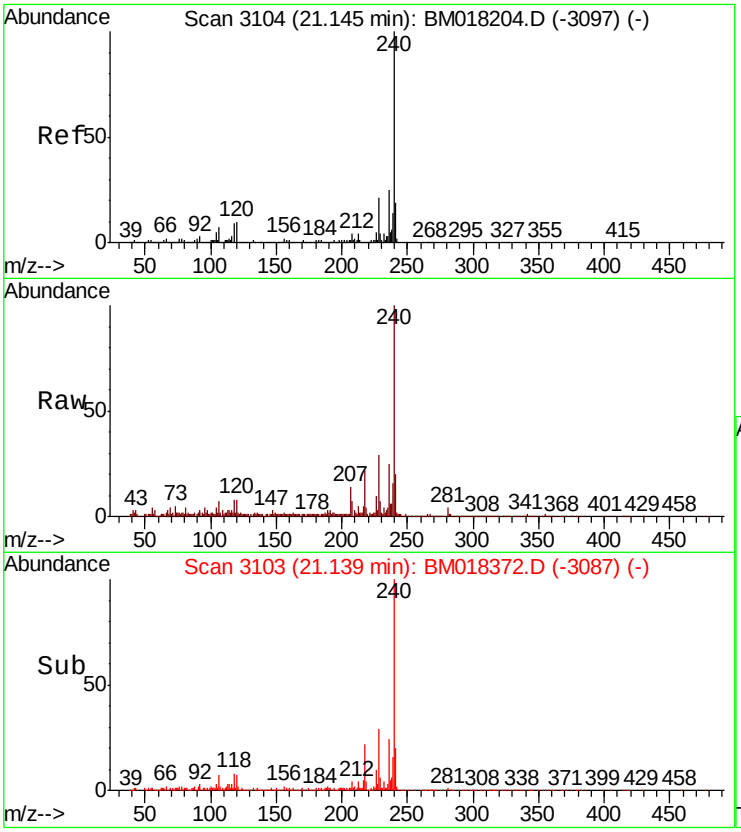


#75
Fluoranthene
Concen: 64.076 ng
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:202 Resp: 1782010

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.5
203	17.3	0.0	37.5



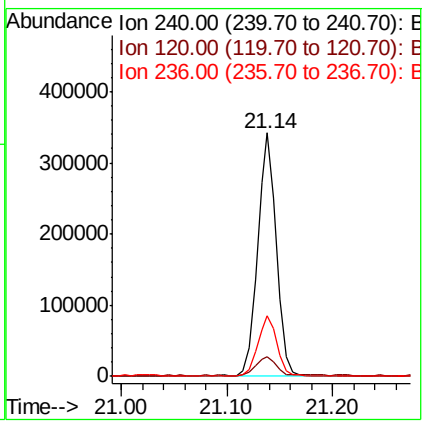


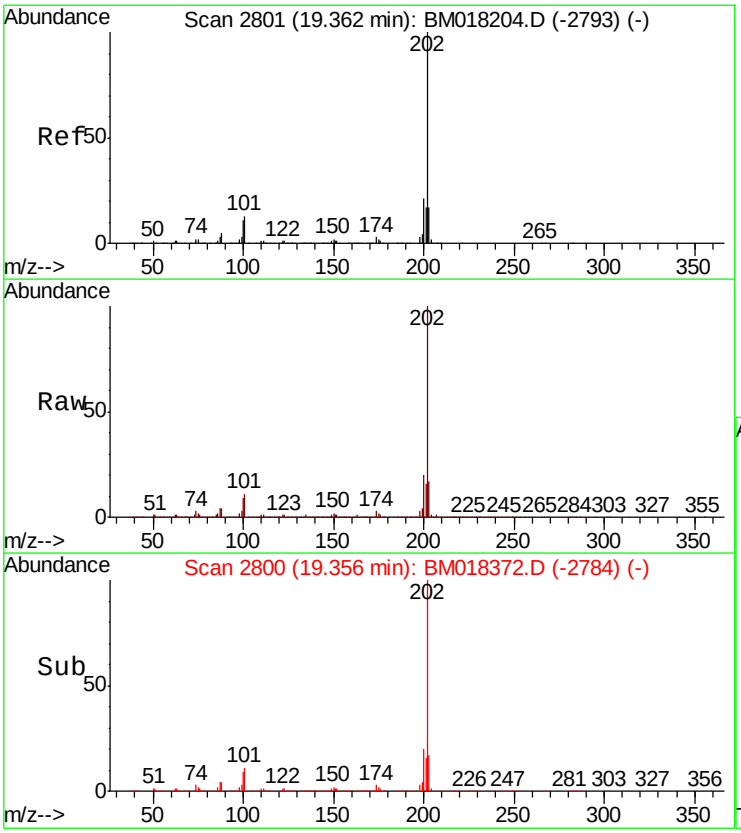
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:240 Resp: 425854

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	24.6	20.3	30.5

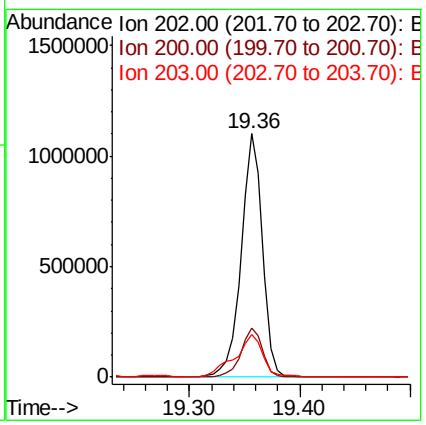


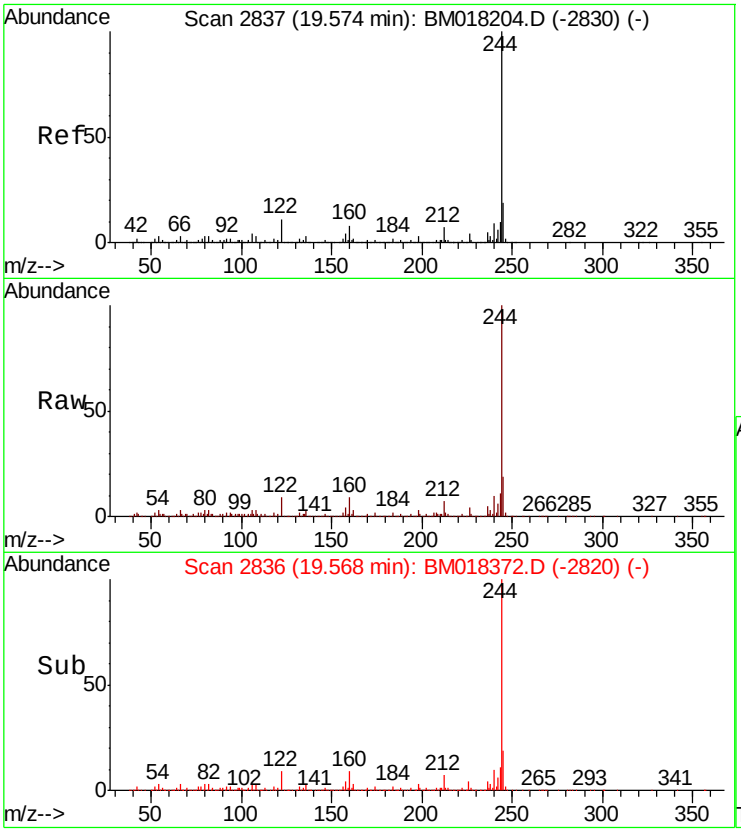


#78
Pyrene
Concen: 58.427 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:202 Resp: 1482552

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.5	24.7
203	17.3	14.0	21.0



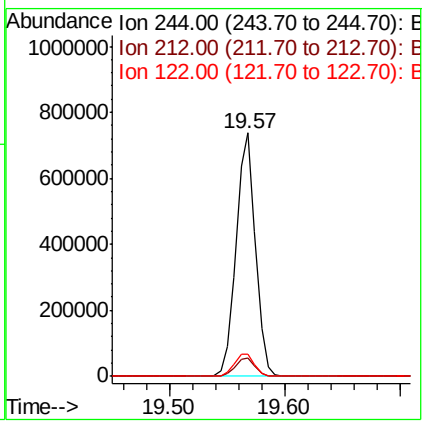


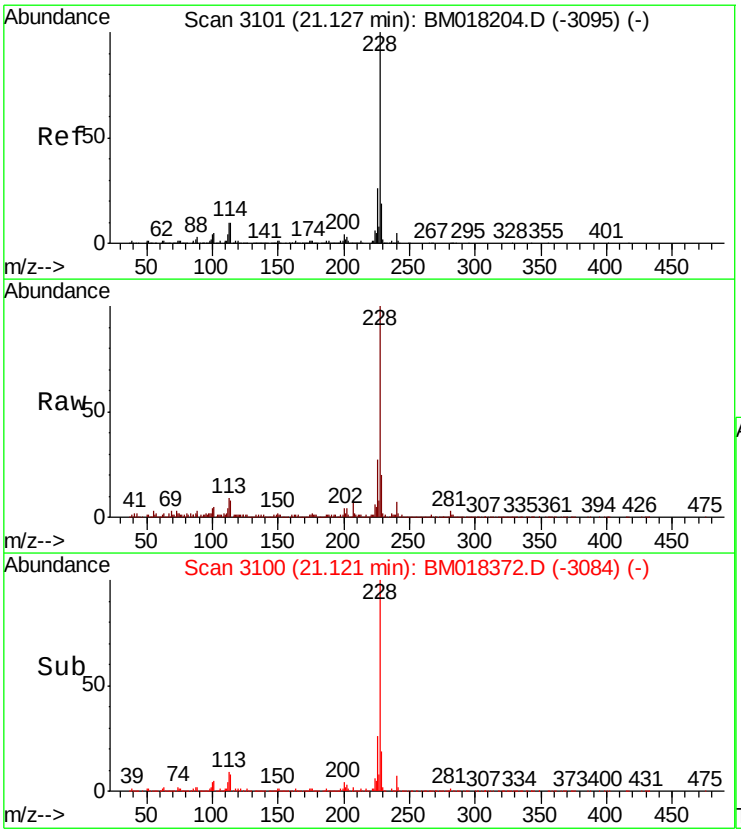
#79
Terphenyl-d14
Concen: 45.289 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:244 Resp: 852761

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.0	9.0	13.6#

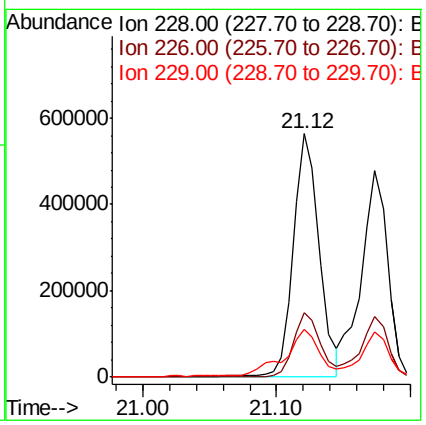


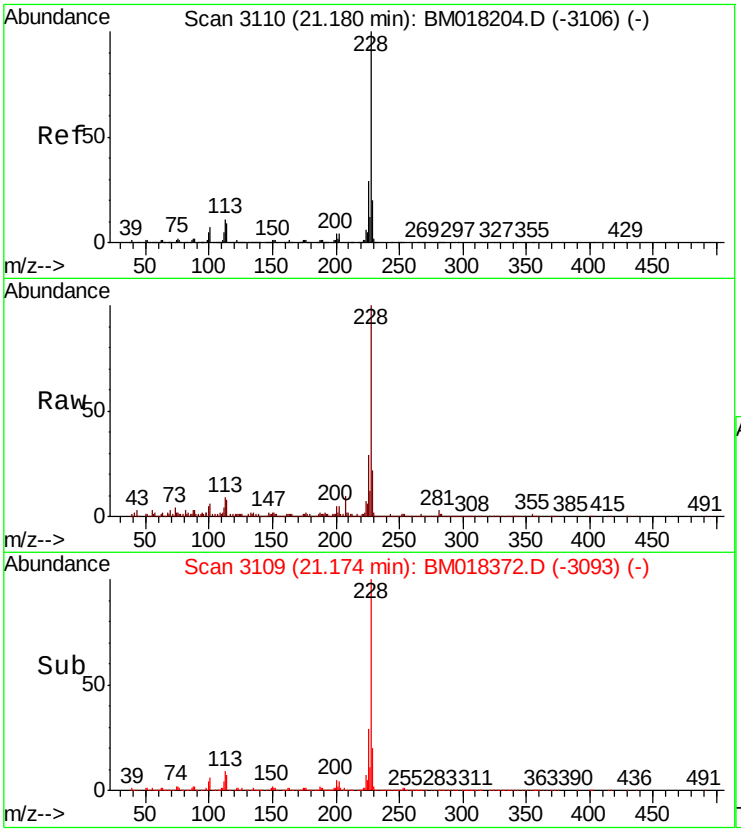


#81
Benzo(a)anthracene
Concen: 30.105 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:228 Resp: 748890

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.4
229	19.6	15.5	23.3



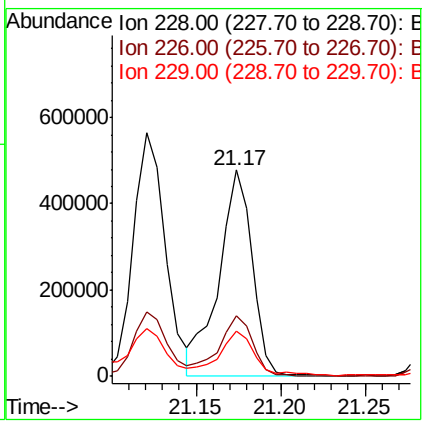


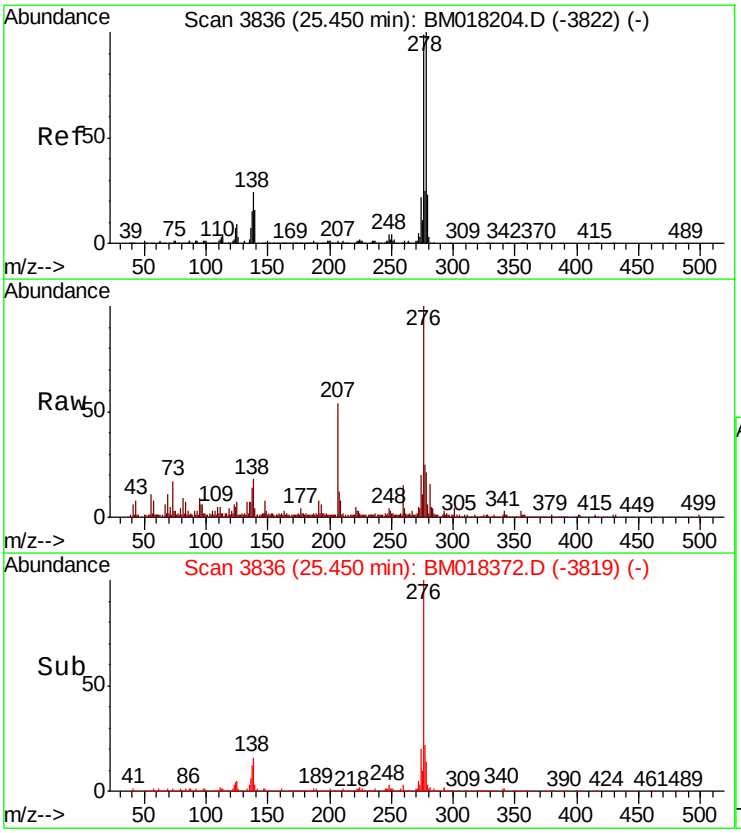
#83
Chrysene
Concen: 27.261 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:228 Resp: 652288

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	21.7	15.8	23.6

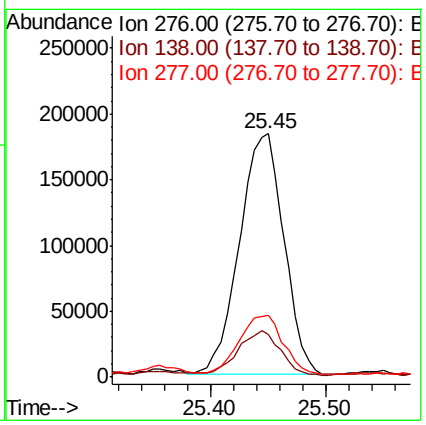


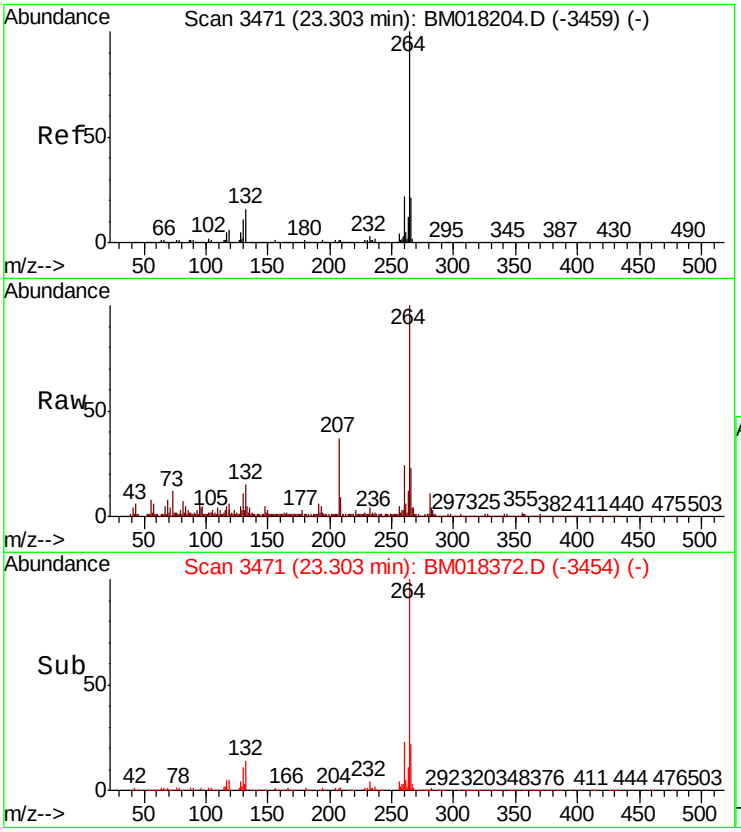


#86
Indeno(1,2,3-cd)pyrene
Concen: 20.608 ng
RT: 25.45 min Scan# 3836
Delta R.T. -0.00 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:276 Resp: 491189

Ion	Ratio	Lower	Upper
276	100		
138	17.6	18.6	28.0#
277	24.7	20.3	30.5



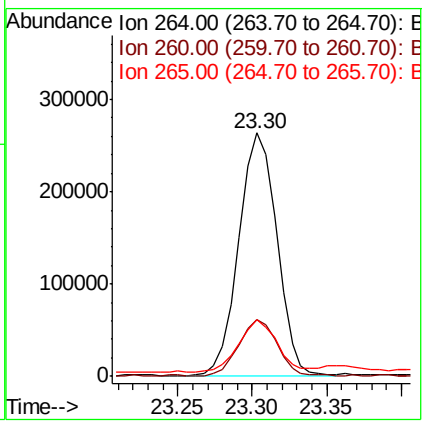


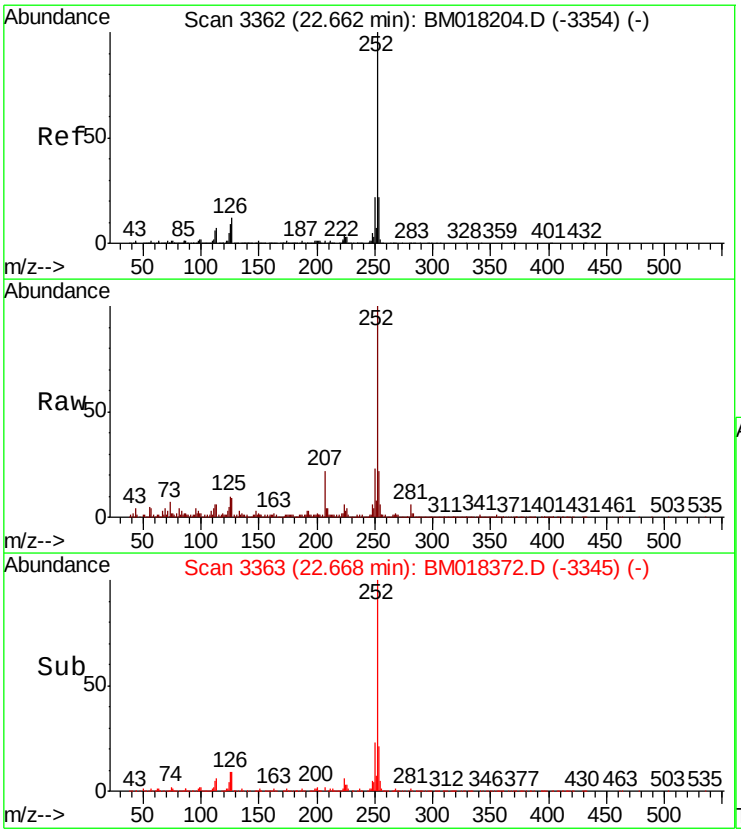
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:264 Resp: 465989

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.5	26.3
265	23.1	17.3	25.9

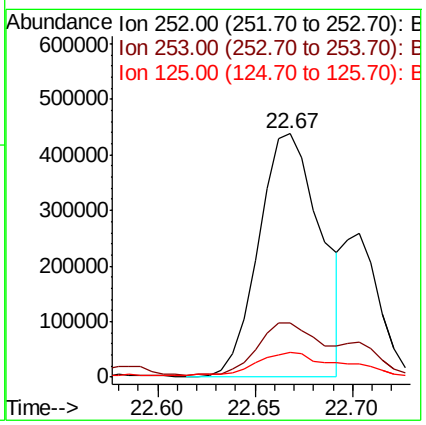


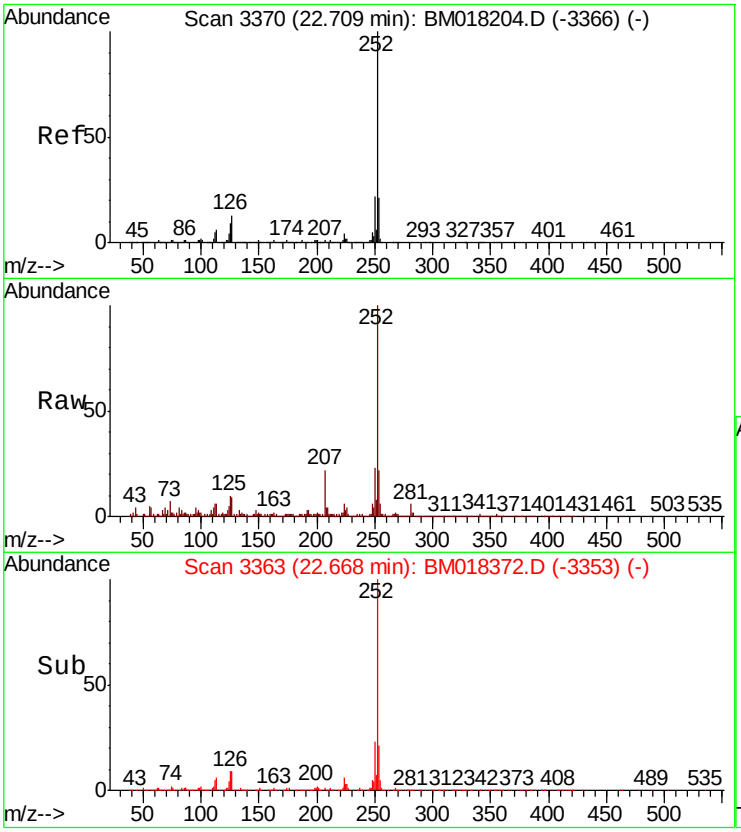


#88
Benzo(b)fluoranthene
Concen: 36.695 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:252 Resp: 960508

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	10.0	7.4	11.0



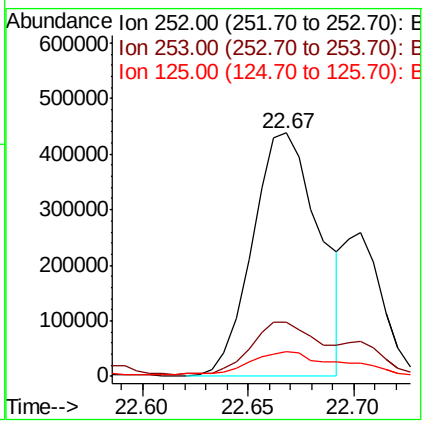


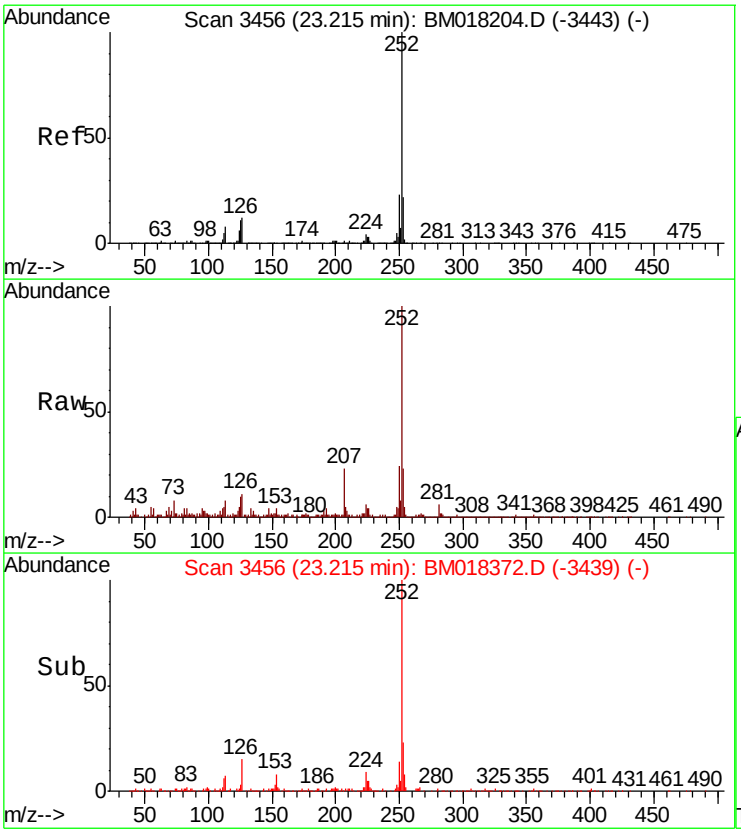
#89
Benzo(k)fluoranthene
Concen: 36.847 ng
RT: 22.67 min Scan# 3363
Delta R.T. -0.04 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:252 Resp: 960541

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.9	25.3
125	10.0	7.5	11.3

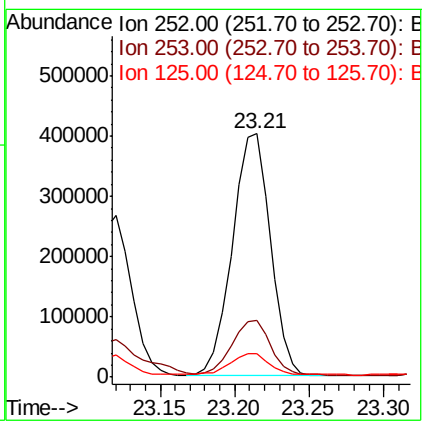


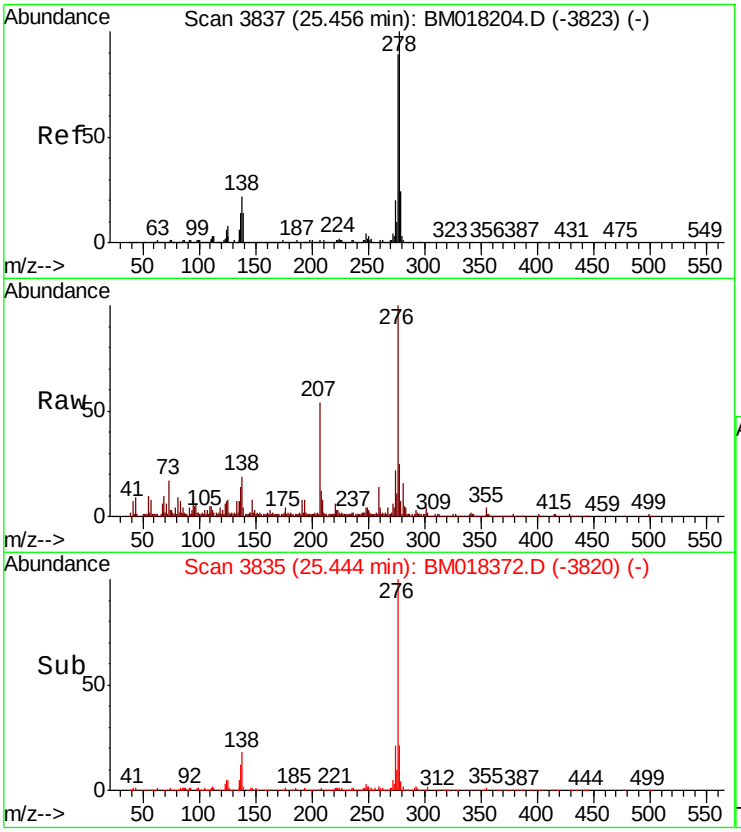


#90
Benzo(a)pyrene
Concen: 28.671 ng
RT: 23.21 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:252 Resp: 713789

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.8	8.6	12.8



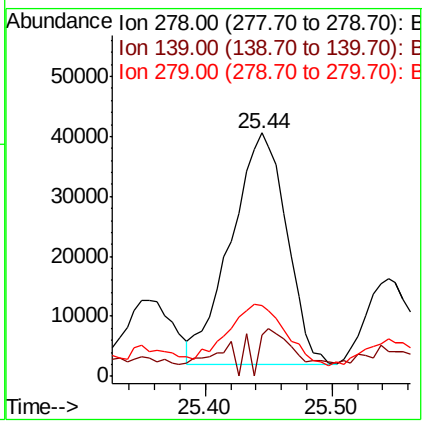


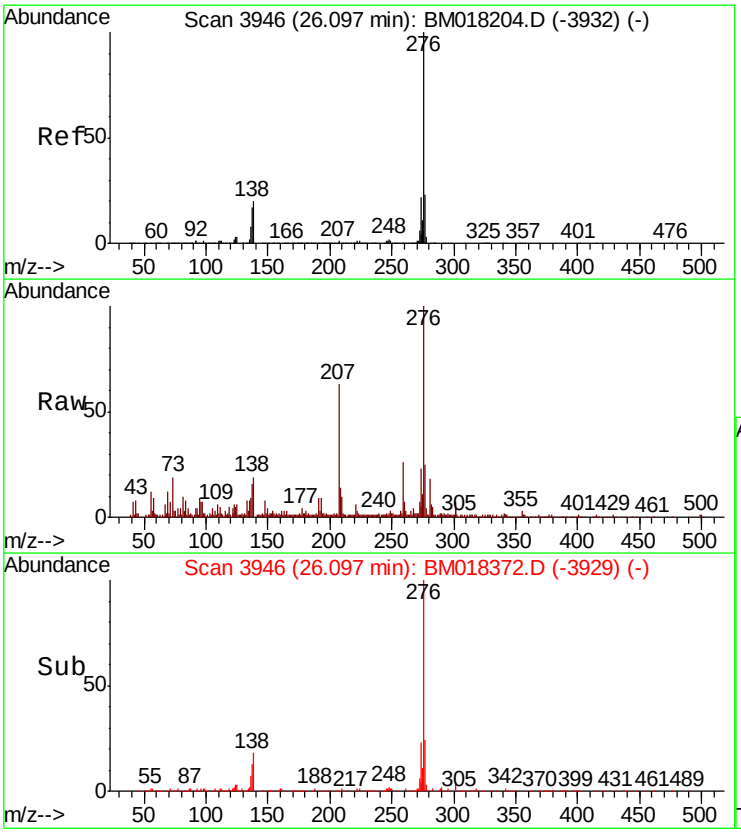
#91
Dibenzo(a,h)anthracene
Concen: 5.089 ng
RT: 25.44 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Instrument :
BNA_M
ClientSampleId :
ROLLOFF-165

Tgt Ion:278 Resp: 117362

Ion	Ratio	Lower	Upper
278	100		
139	17.2	11.6	17.4
279	29.3	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 22.133 ng
RT: 26.10 min Scan# 3946
Delta R.T. -0.00 min
Lab File: BM018372.D
Acq: 22 Dec 2018 00:18

Tgt Ion:276 Resp: 482491

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.7	28.1
138	18.9	15.8	23.8