Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018782.D
Acq On : 12 Feb 2019 20:52
Operator : JU/SJ
Sample : K1460-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-901-20190207

Quant Time: Feb 13 03:00:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	382821	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1584711	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	936932	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	2137277	20.00	ng	0.00
76) Chrysene-d12	21.31	240	2219198	20.00	ng	0.00
87) Perylene-d12	23.57	264	2029910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1474104	63.09	ng	0.00
7) Phenol-d6	6.89	99	1277351	38.81	ng	0.00
23) Nitrobenzene-d5	8.89	82	2961199	86.40	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1865260	138.11	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5927069	83.98	ng	0.00
79) Terphenyl-d14	19.75	244	9697667	90.15	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.55	128	228940	2.962	ng	# 80
38) 1-Methylnaphthalene	12.39	142	191370	3.596	ng	99
52) Acenaphthene	14.43	154	716567	12.599	ng	99
55) Dibenzofuran	14.76	168	396553	4.242	ng	98
58) Fluorene	15.42	166	870999	12.179	ng	100
71) Phenanthrene	17.16	178	2536431	22.083	ng	100
72) Anthracene	17.24	178	555936	4.973	ng	99
73) Carbazole	17.53	167	469311	4.018	ng	99
75) Fluoranthene	19.17	202	912786	6.880	ng	98
78) Pyrene	19.54	202	624121	4.842	ng	99

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

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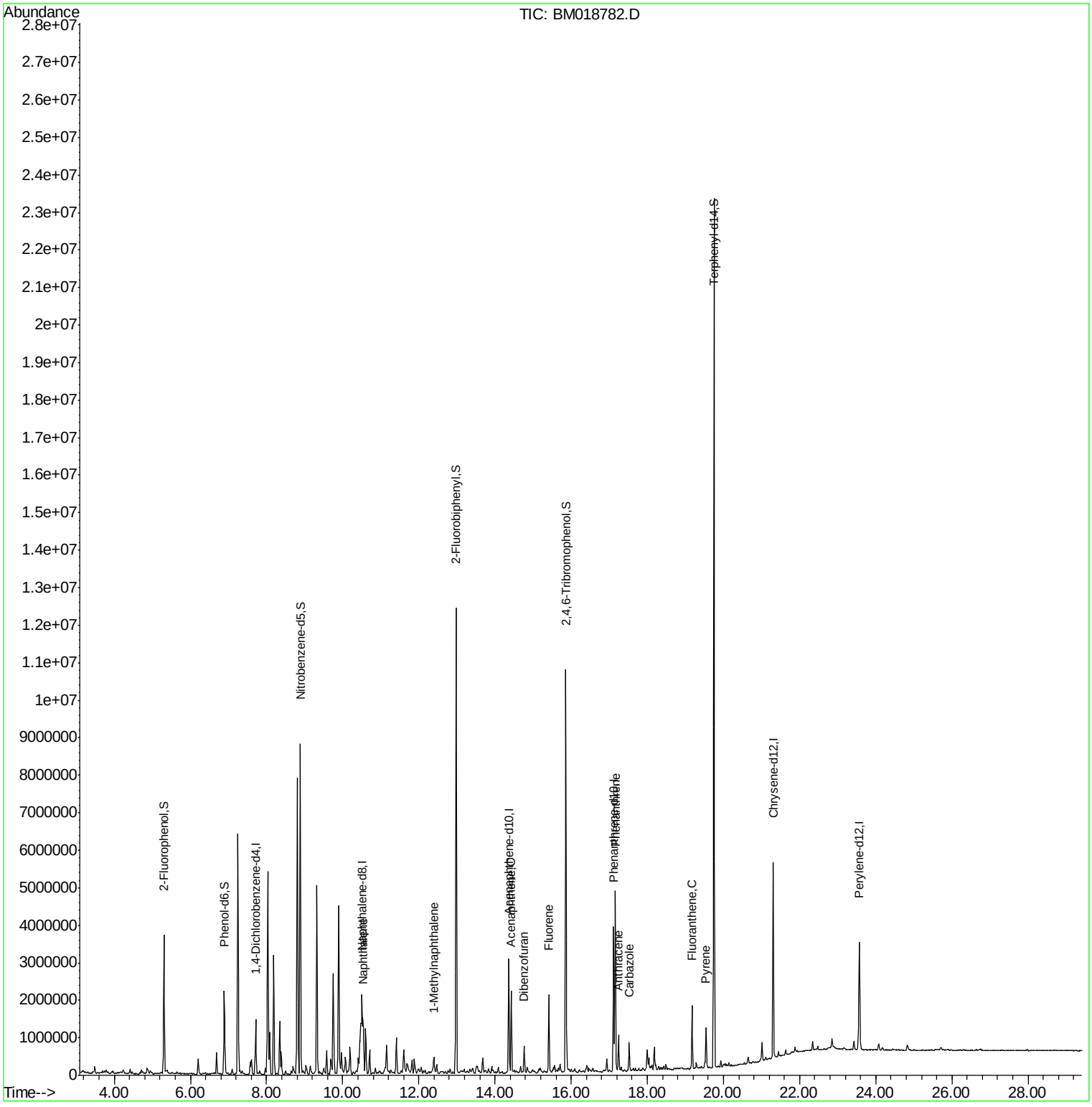
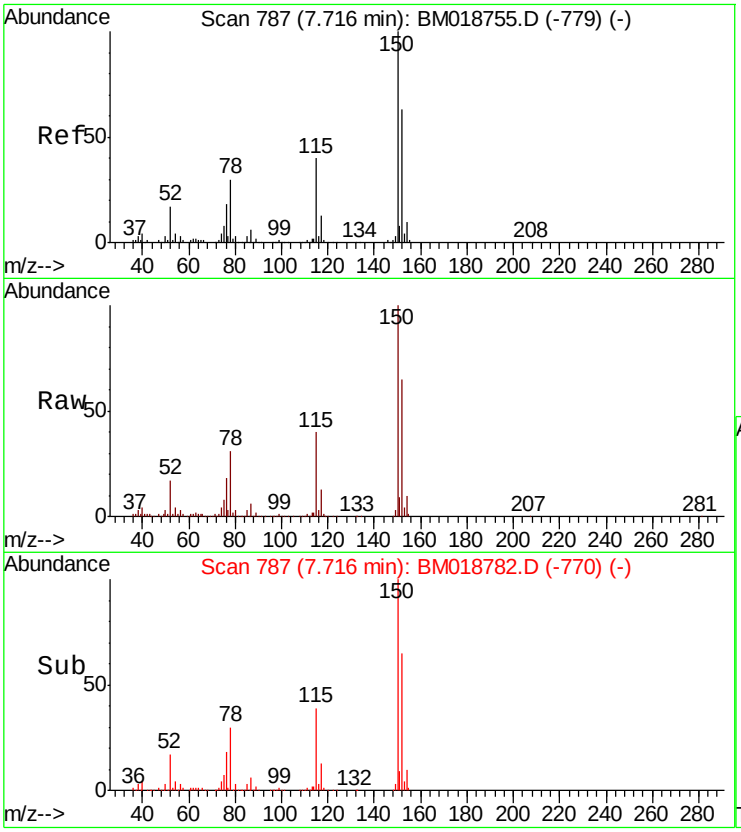


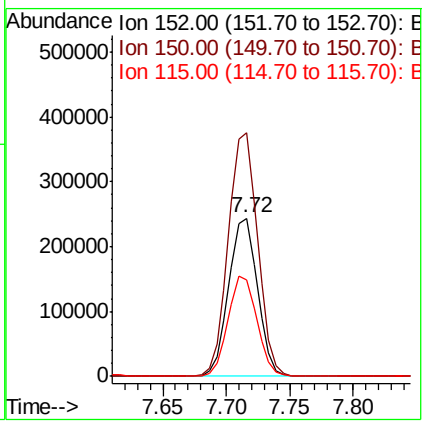


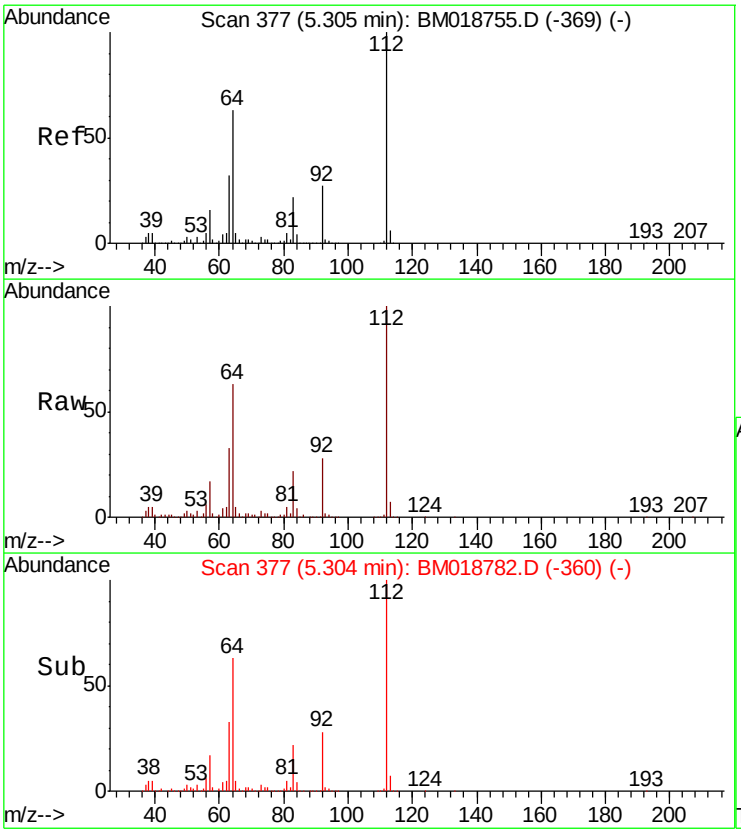
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion:152 Resp: 382821

Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.3	190.9
115	61.3	50.8	76.2

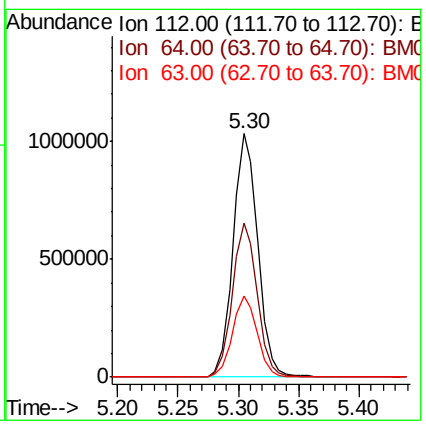


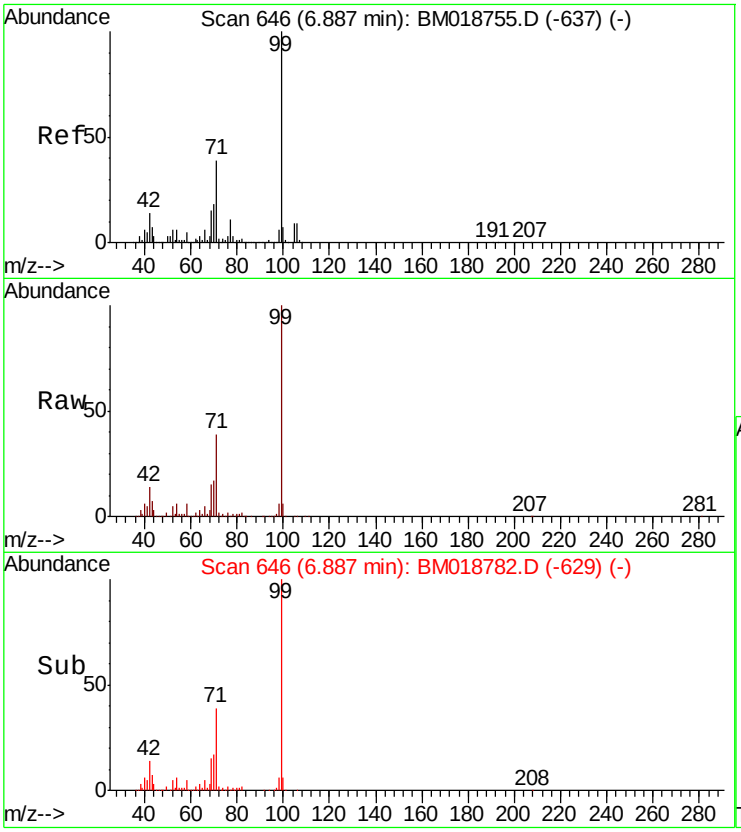


#5
2-Fluorophenol
Concen: 63.092 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:112 Resp: 1474104

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.6	75.8
63	33.3	25.7	38.5



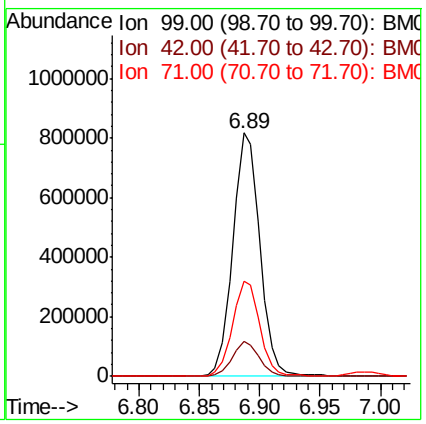


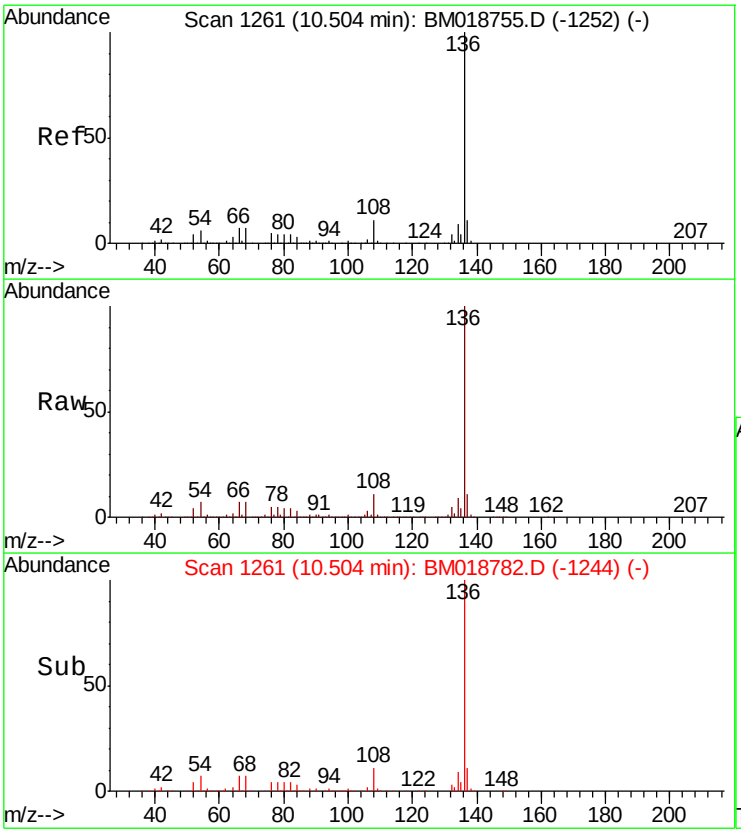
#7
Phenol-d6
Concen: 38.808 ng
RT: 6.89 min Scan# 646
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion: 99 Resp: 1277351

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.6
71	39.1	31.3	46.9

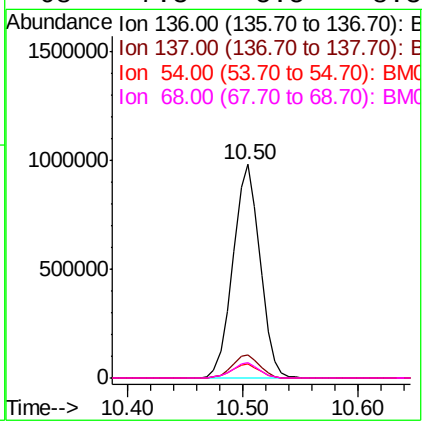


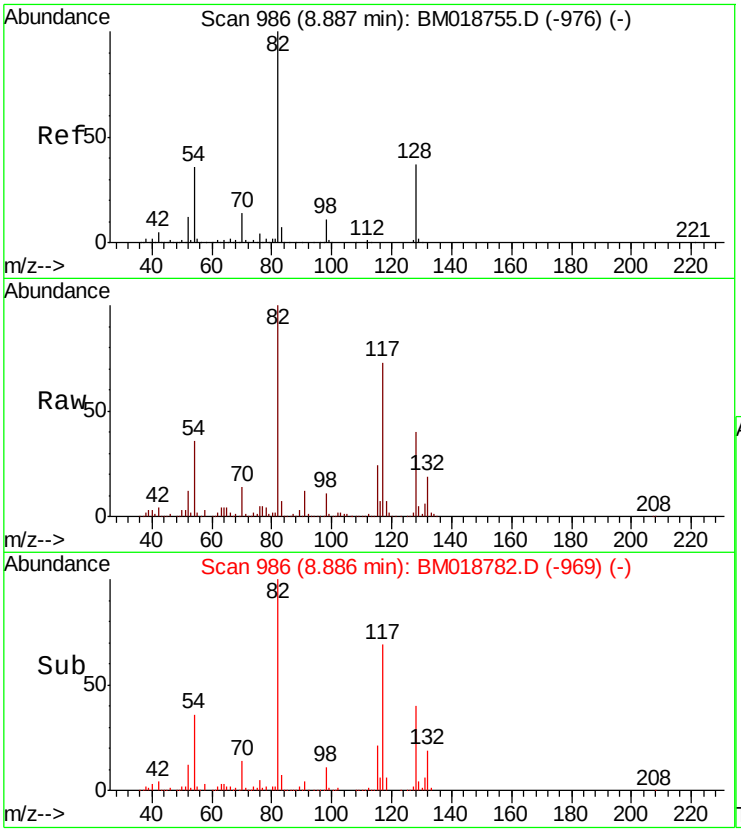


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:136 Resp: 1584711

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.0	7.6
68	7.3	5.5	8.3



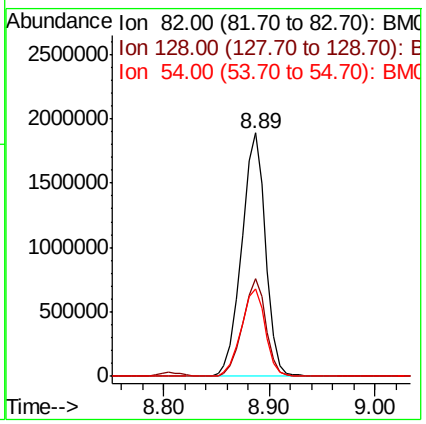


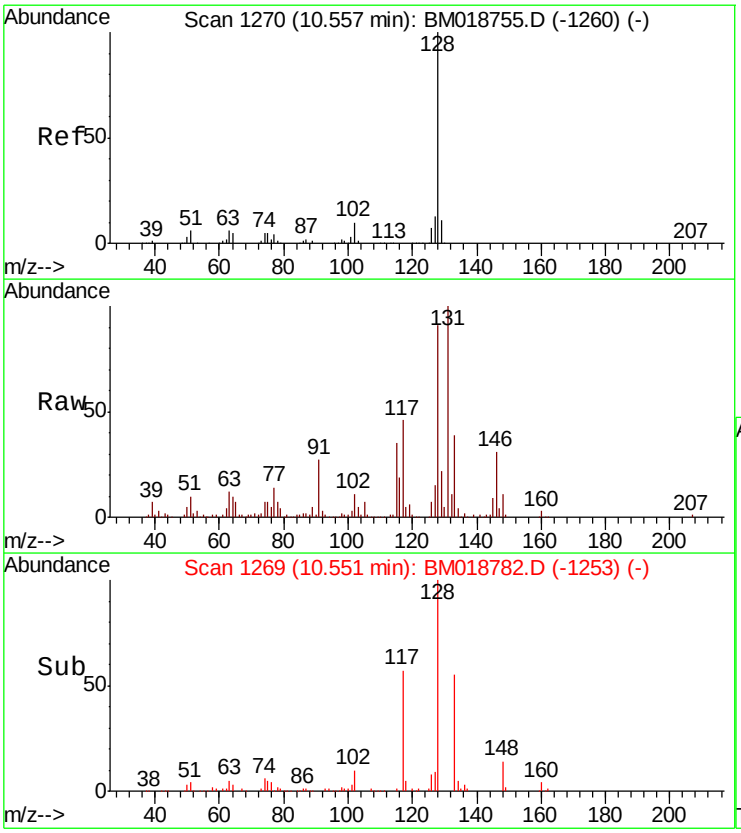
#23
Nitrobenzene-d5
Concen: 86.402 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion: 82 Resp: 2961199

Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.9	44.9
54	35.8	29.1	43.7

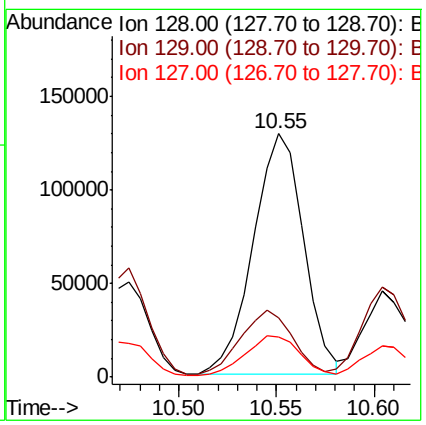


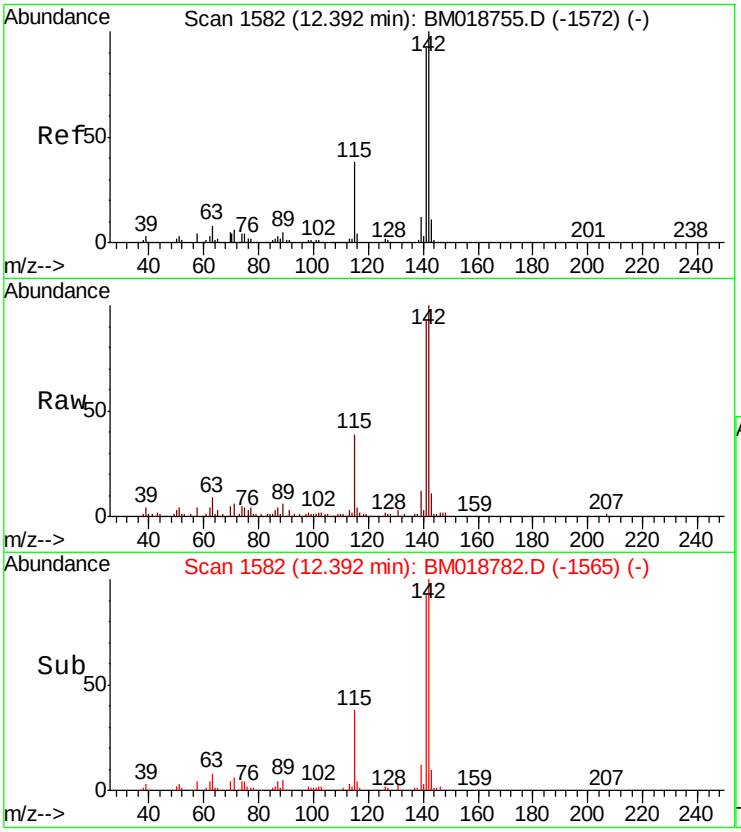


#31
Naphthalene
Concen: 2.962 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:128 Resp: 228940

Ion	Ratio	Lower	Upper
128	100		
129	24.6	9.0	13.4#
127	16.5	10.7	16.1#



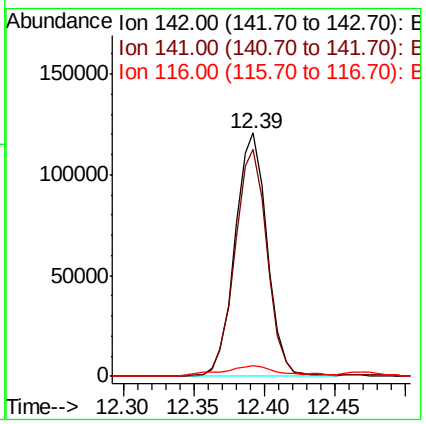


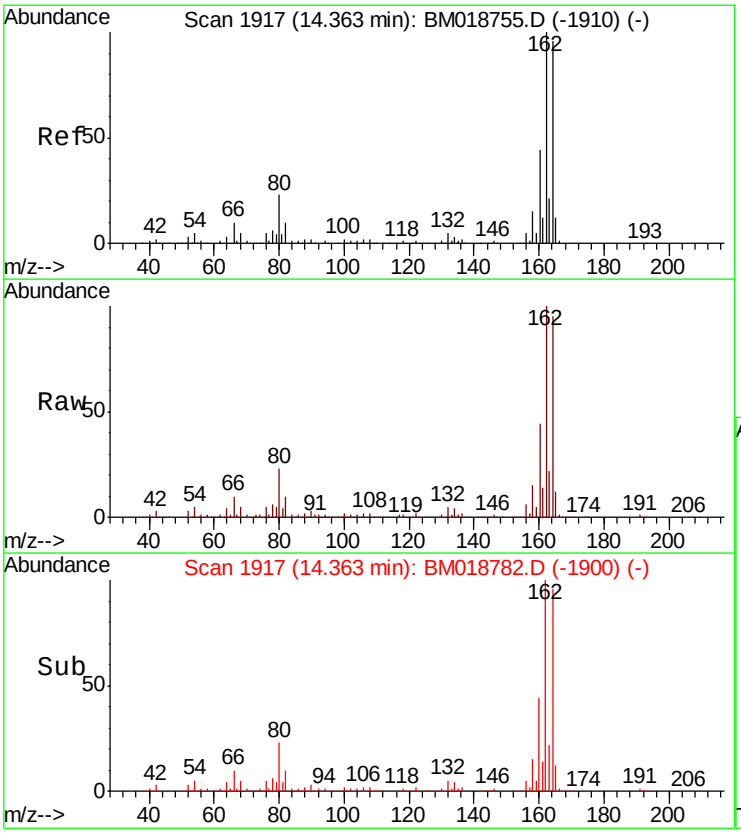
#38
1-Methylnaphthalene
Concen: 3.596 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion:142 Resp: 191370

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9
116	4.3	3.0	4.4

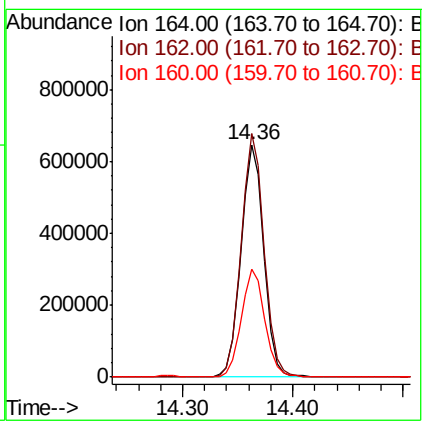


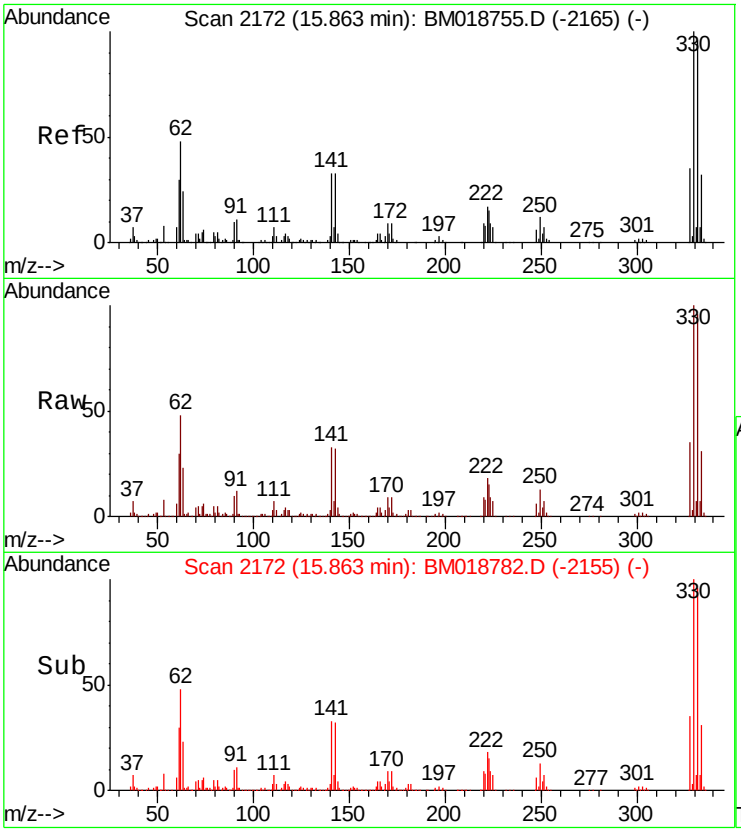


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:164 Resp: 936932

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.4	125.0
160	46.4	36.6	55.0



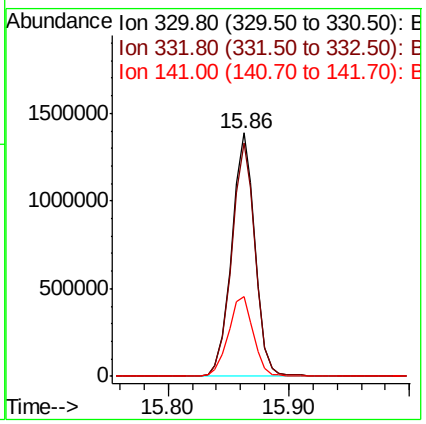


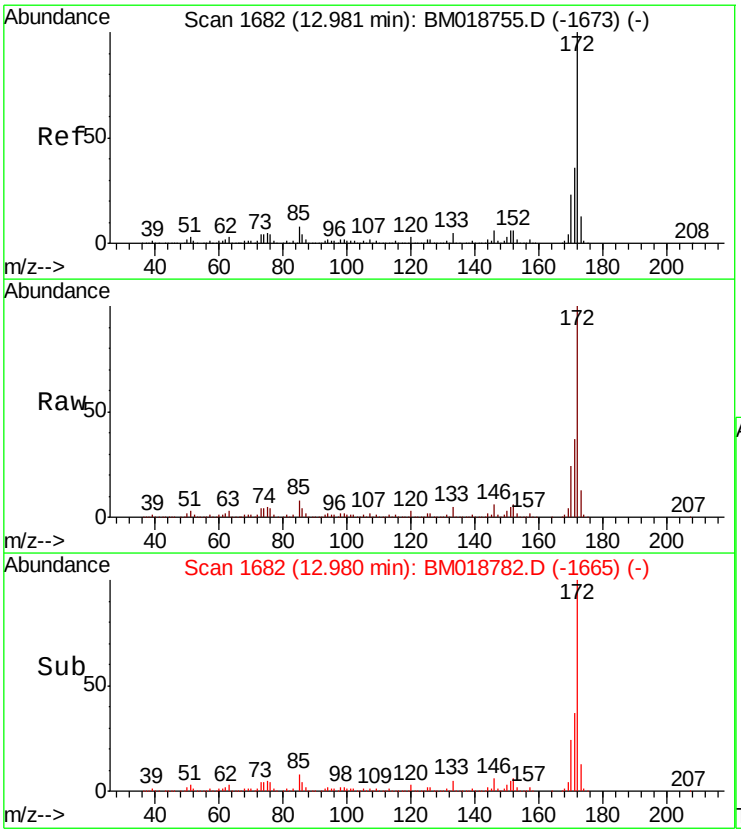
#42
2,4,6-Tribromophenol
Concen: 138.110 ng
RT: 15.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion:330 Resp: 1865260

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	35.1	28.7	43.1

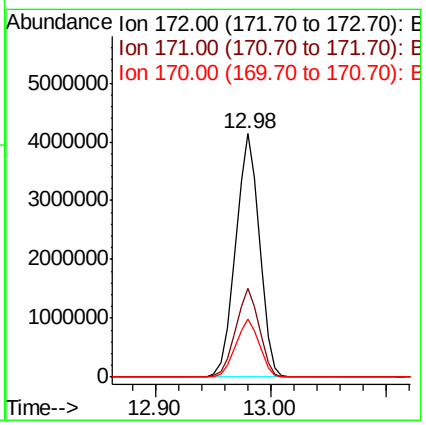


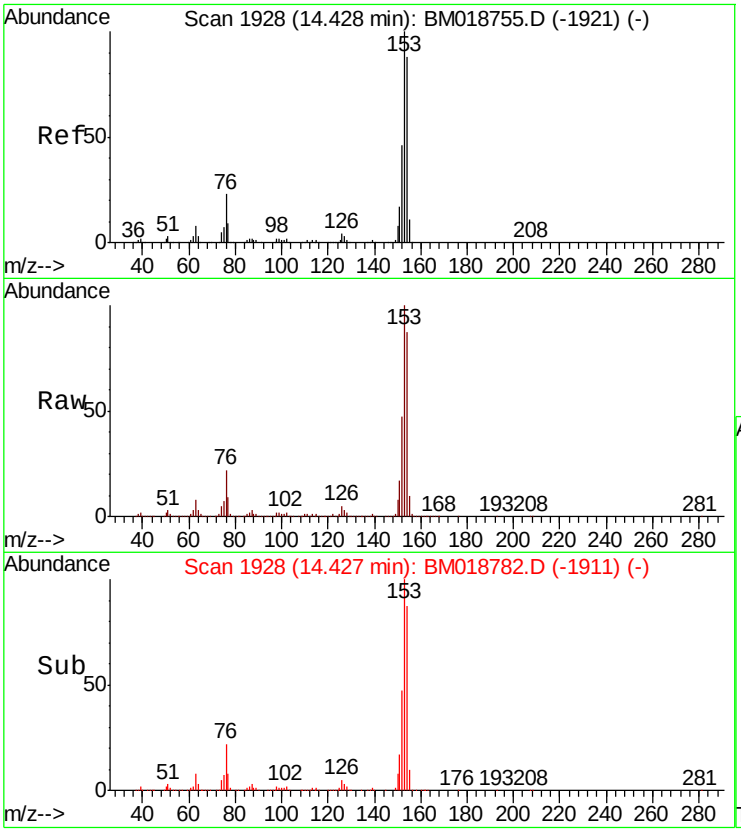


#45
2-Fluorobiphenyl
Concen: 83.977 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:172 Resp: 5927069

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	23.9	18.6	28.0



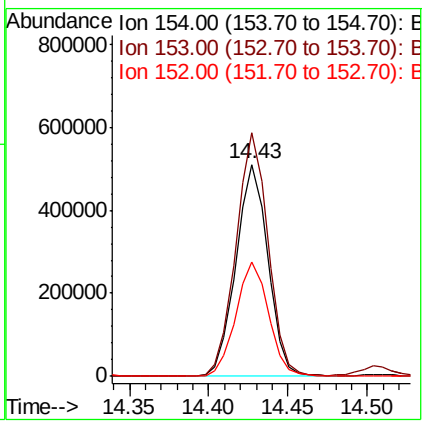


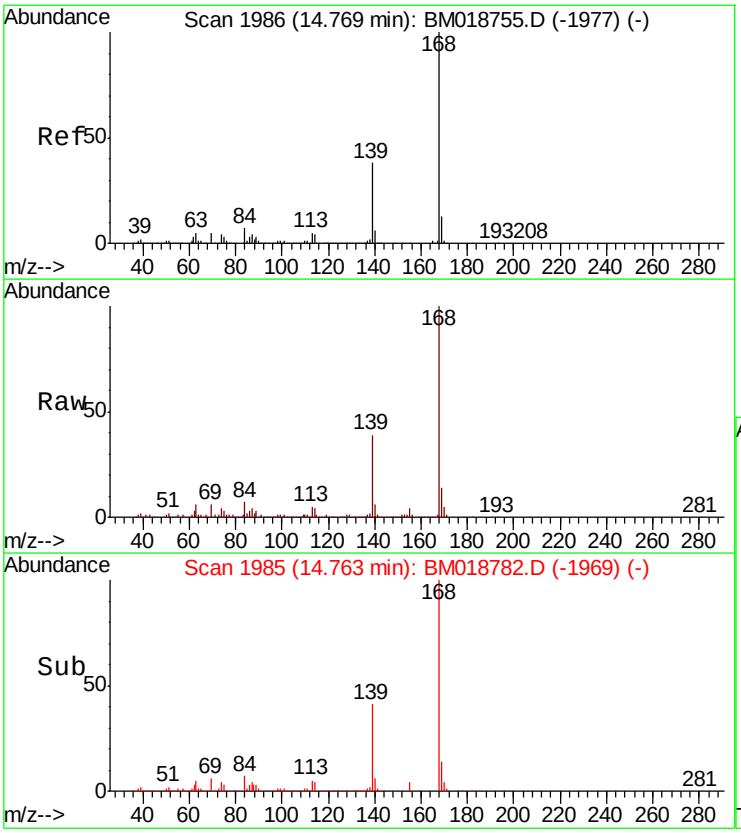
#52
Acenaphthene
Concen: 12.599 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion:154 Resp: 716567

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.3	136.9
152	54.0	42.2	63.4

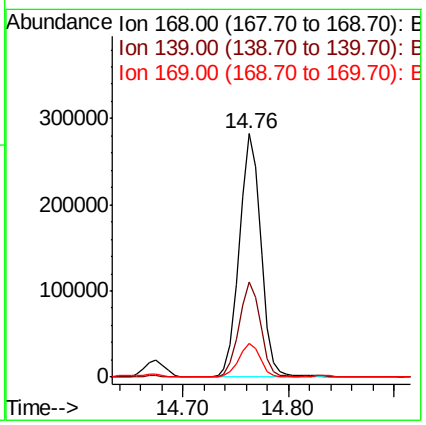


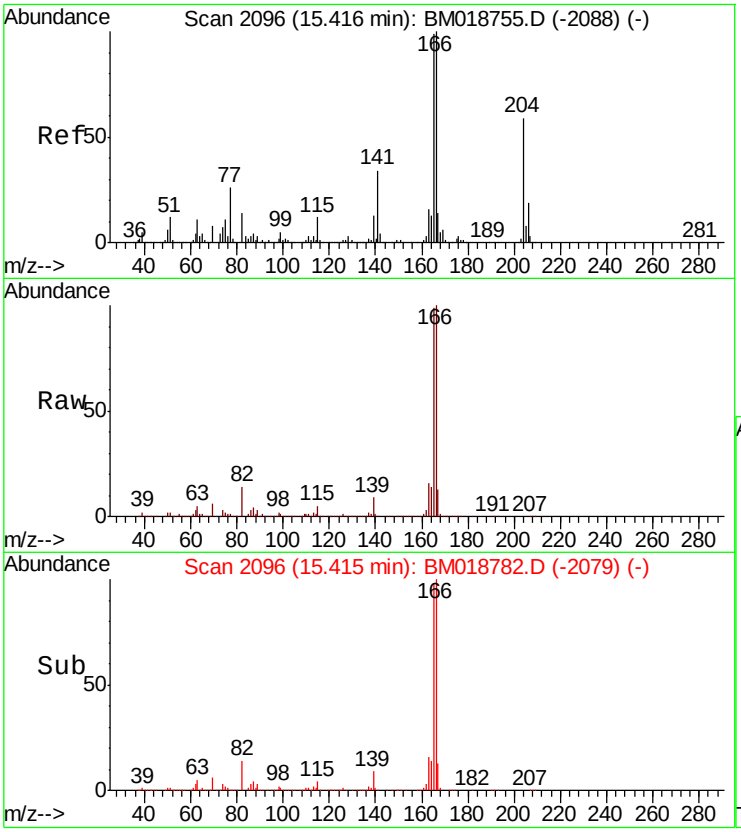


#55
Dibenzofuran
Concen: 4.242 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:168 Resp: 396553

Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.7	46.1
169	13.7	10.3	15.5



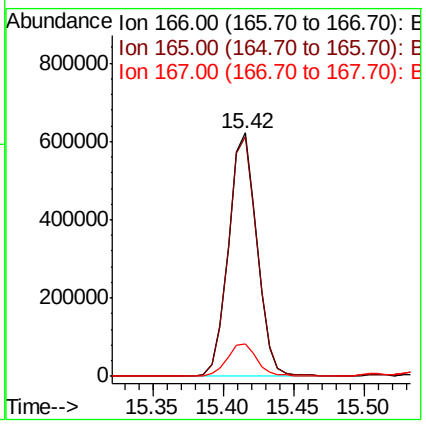


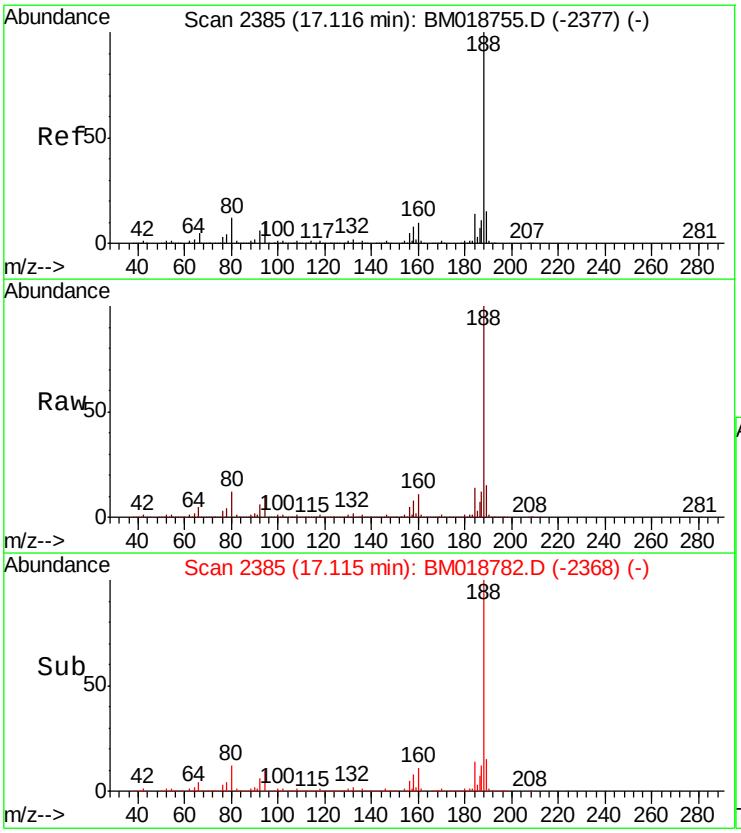
#58
Fluorene
Concen: 12.179 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion:166 Resp: 870999

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.1	118.7
167	13.4	11.0	16.4

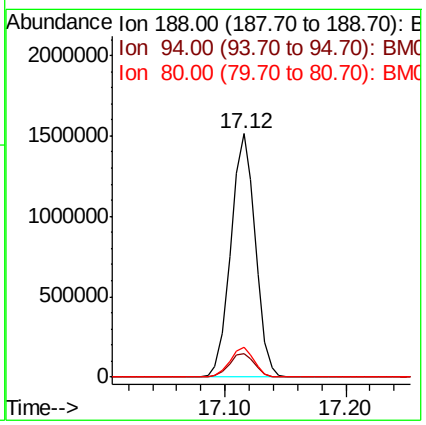


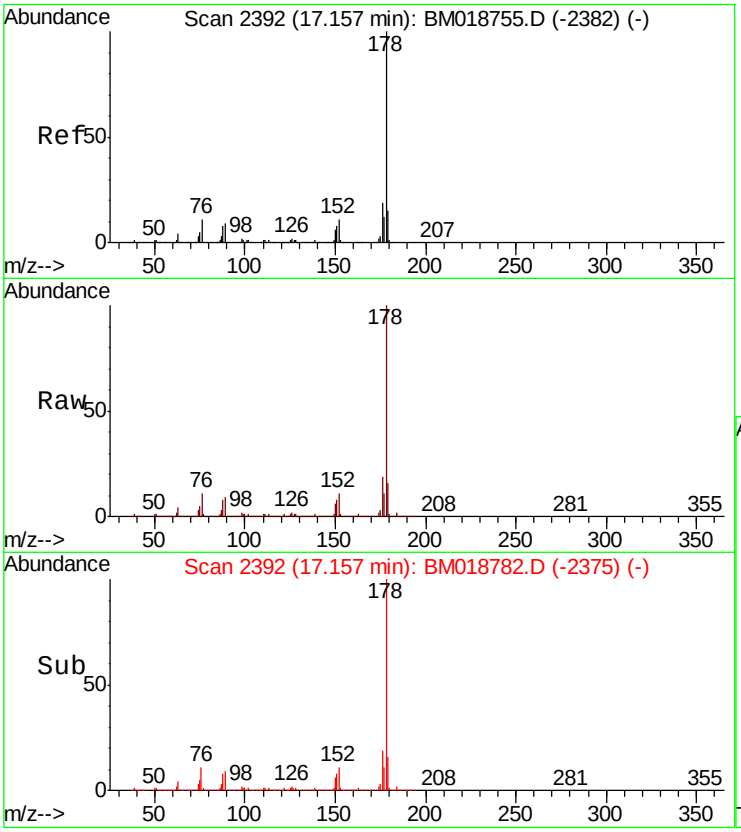


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:188 Resp: 2137277

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	12.3	9.7	14.5



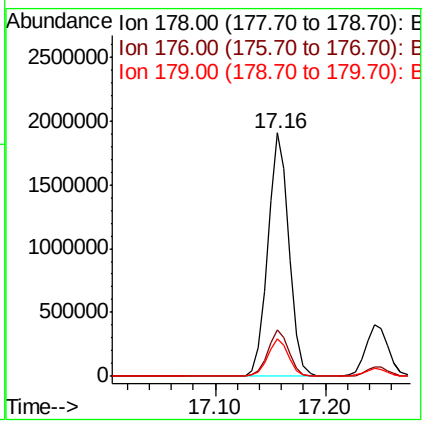


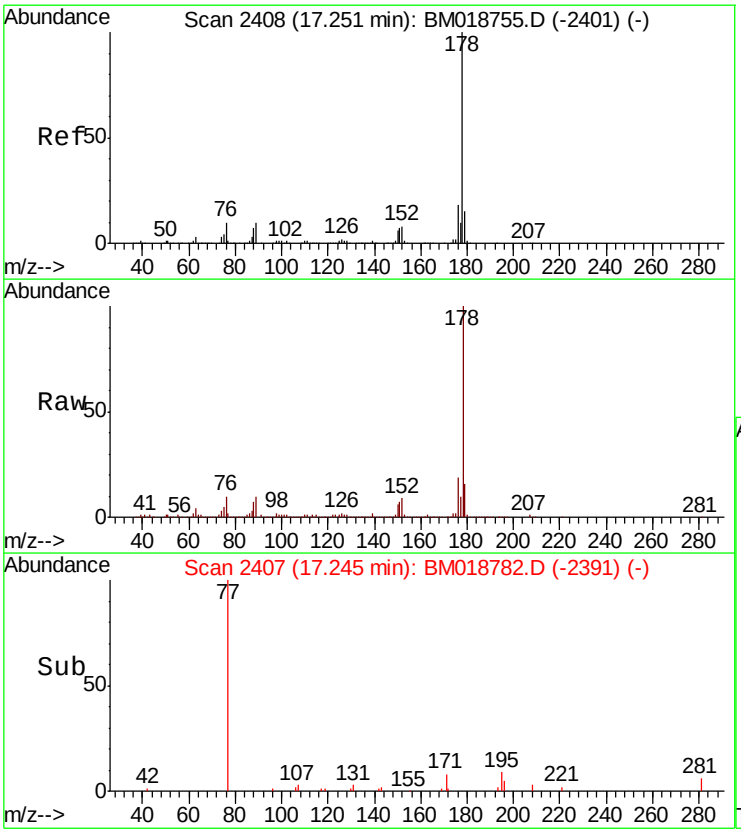
#71
Phenanthrene
Concen: 22.083 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion:178 Resp: 2536431

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.6	12.3	18.5

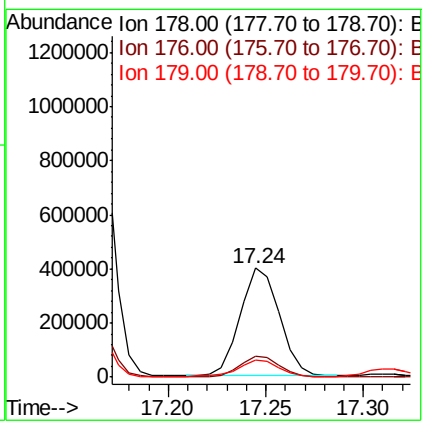


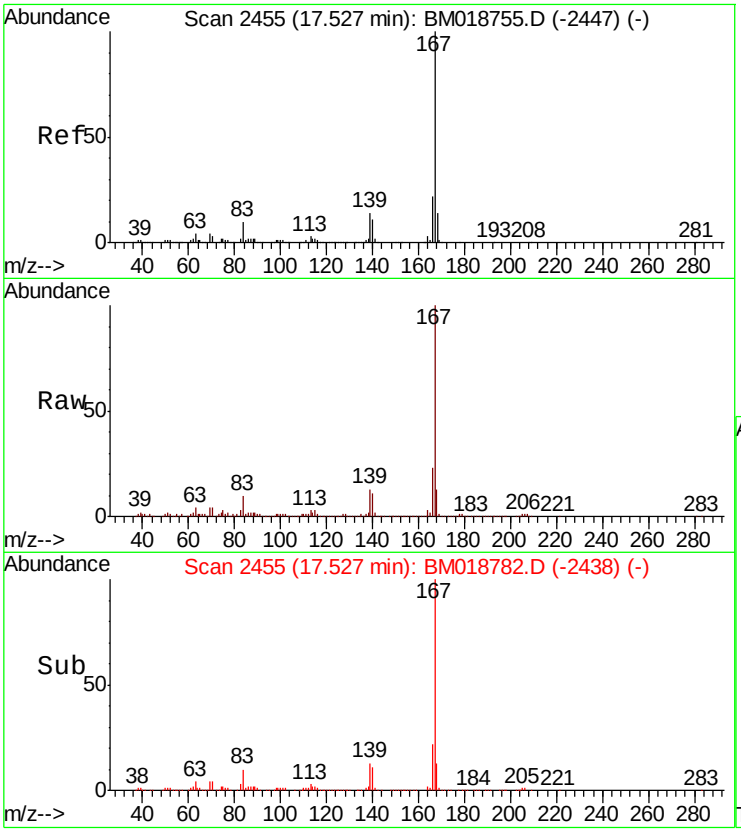


#72
Anthracene
Concen: 4.973 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:178 Resp: 555936

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.6	12.1	18.1



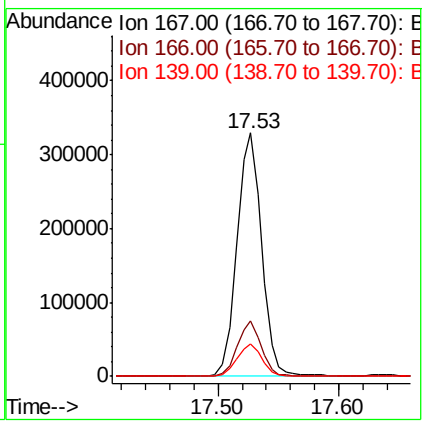


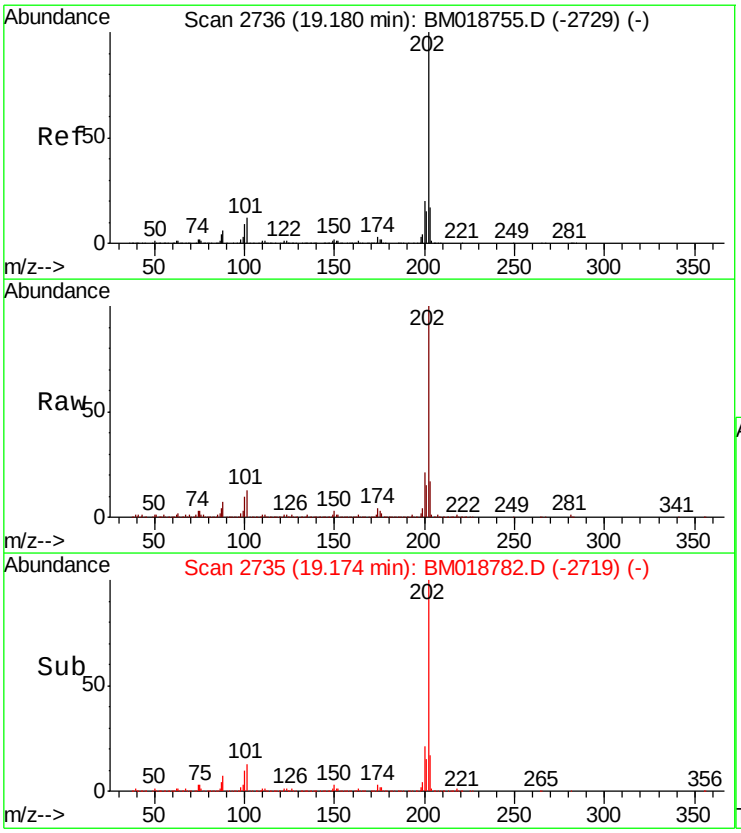
#73
Carbazole
Concen: 4.018 ng
RT: 17.53 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion:167 Resp: 469311

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.7	26.5
139	13.3	10.9	16.3

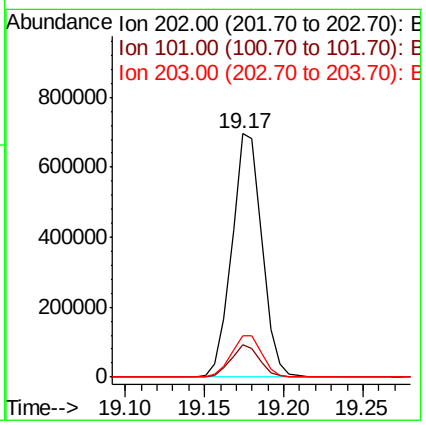


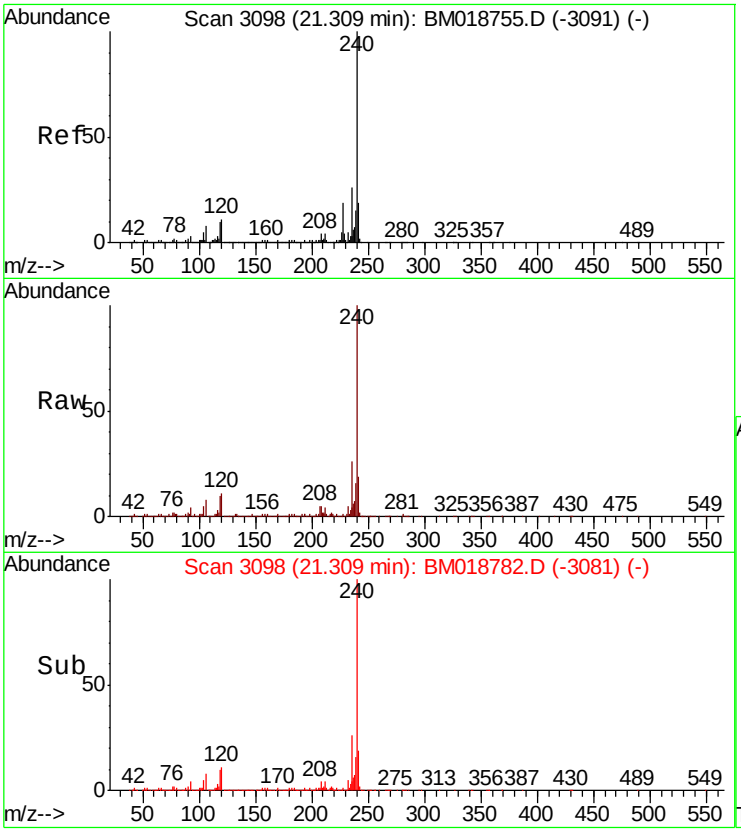


#75
Fluoranthene
Concen: 6.880 ng
RT: 19.17 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:202 Resp: 912786

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.5
203	17.0	0.0	37.3



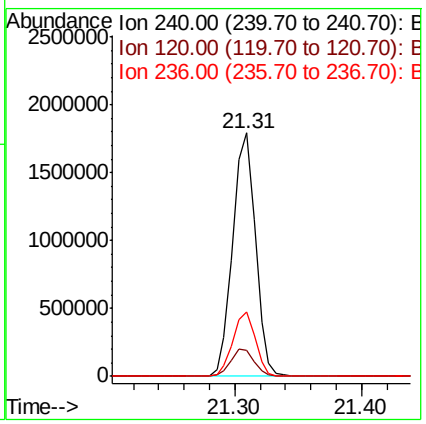


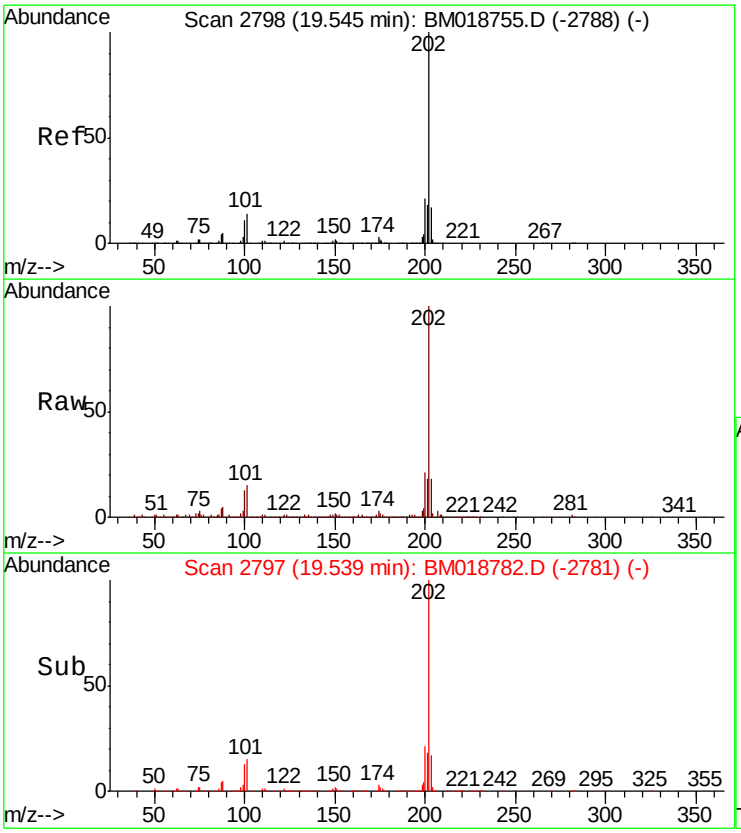
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion:240 Resp: 2219198

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	26.4	20.9	31.3

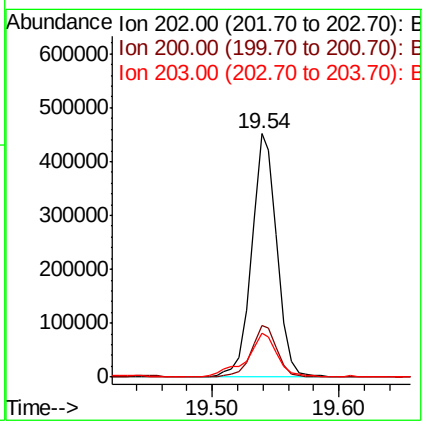


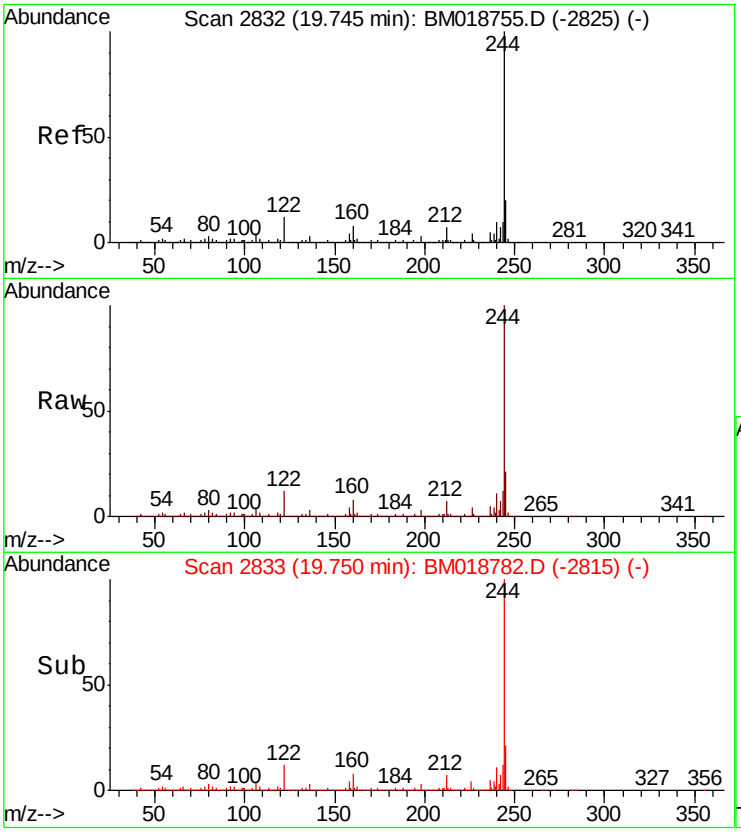


#78
Pyrene
Concen: 4.842 ng
RT: 19.54 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:202 Resp: 624121

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.0	13.8	20.8



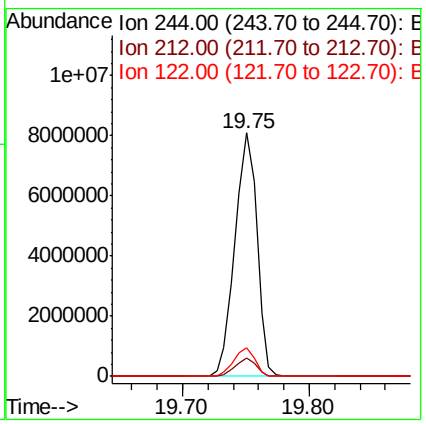


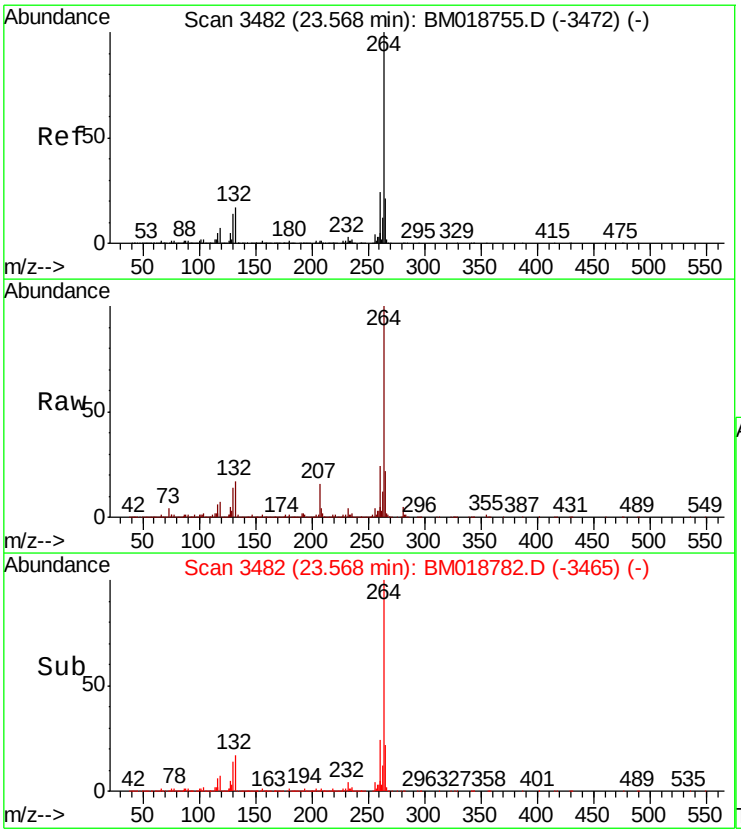
#79
Terphenyl-d14
Concen: 90.146 ng
RT: 19.75 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Instrument :
BNA_M
ClientSampleId :
MW-901-20190207

Tgt Ion:244 Resp: 9697667

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.8	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM018782.D
Acq: 12 Feb 2019 20:52

Tgt Ion:264 Resp: 2029910

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.3	17.3	25.9