Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120518\
Data File : BM017912.D
Acq On : 04 Dec 2018 20:59
Operator : JU/SJ
Sample : J5770-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-03-112918-B

Quant Time: Dec 05 00:26:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	290455	20.00	ng		-0.04
21) Naphthalene-d8	10.35	136	1120798	20.00	ng		-0.04
39) Acenaphthene-d10	14.23	164	554831	20.00	ng		-0.04
64) Phenanthrene-d10	16.99	188	1026992	20.00	ng		-0.03
76) Chrysene-d12	21.19	240	946937	20.00	ng		-0.02
87) Perylene-d12	23.38	264	1040240	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	873558	50.76	ng		-0.03
7) Phenol-d6	6.77	99	1174177	48.85	ng		-0.03
23) Nitrobenzene-d5	8.73	82	691232	31.84	ng		-0.04
42) 2,4,6-Tribromophenol	15.73	330	348725	43.74	ng		-0.03
45) 2-Fluorobiphenyl	12.84	172	1522675	35.60	ng		-0.04
79) Terphenyl-d14	19.63	244	1484822	35.54	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.80	94	69225	2.744	ng		94
50) Dimethylphthalate	13.70	163	106304	2.357	ng		99
56) 4-Nitrophenol	14.46	139	114	4.967	ng	#	28
71) Phenanthrene	17.03	178	254141	4.560	ng		99
75) Fluoranthene	19.05	202	461071	7.312	ng		99
78) Pyrene	19.42	202	459639	7.867	ng		99
81) Benzo(a)anthracene	21.17	228	270960	4.967	ng		95
83) Chrysene	21.17	228	268173	5.061	ng		98
86) Indeno(1,2,3-cd)pyrene	25.54	276	207398	4.898	ng		96
88) Benzo(b)fluoranthene	22.73	252	517661	8.497	ng	#	93
89) Benzo(k)fluoranthene	22.73	252	515152	8.366	ng	#	94
90) Benzo(a)pyrene	23.28	252	279626	5.034	ng	#	94
92) Benzo(g,h,i)perylene	26.21	276	199026	4.532	ng		97

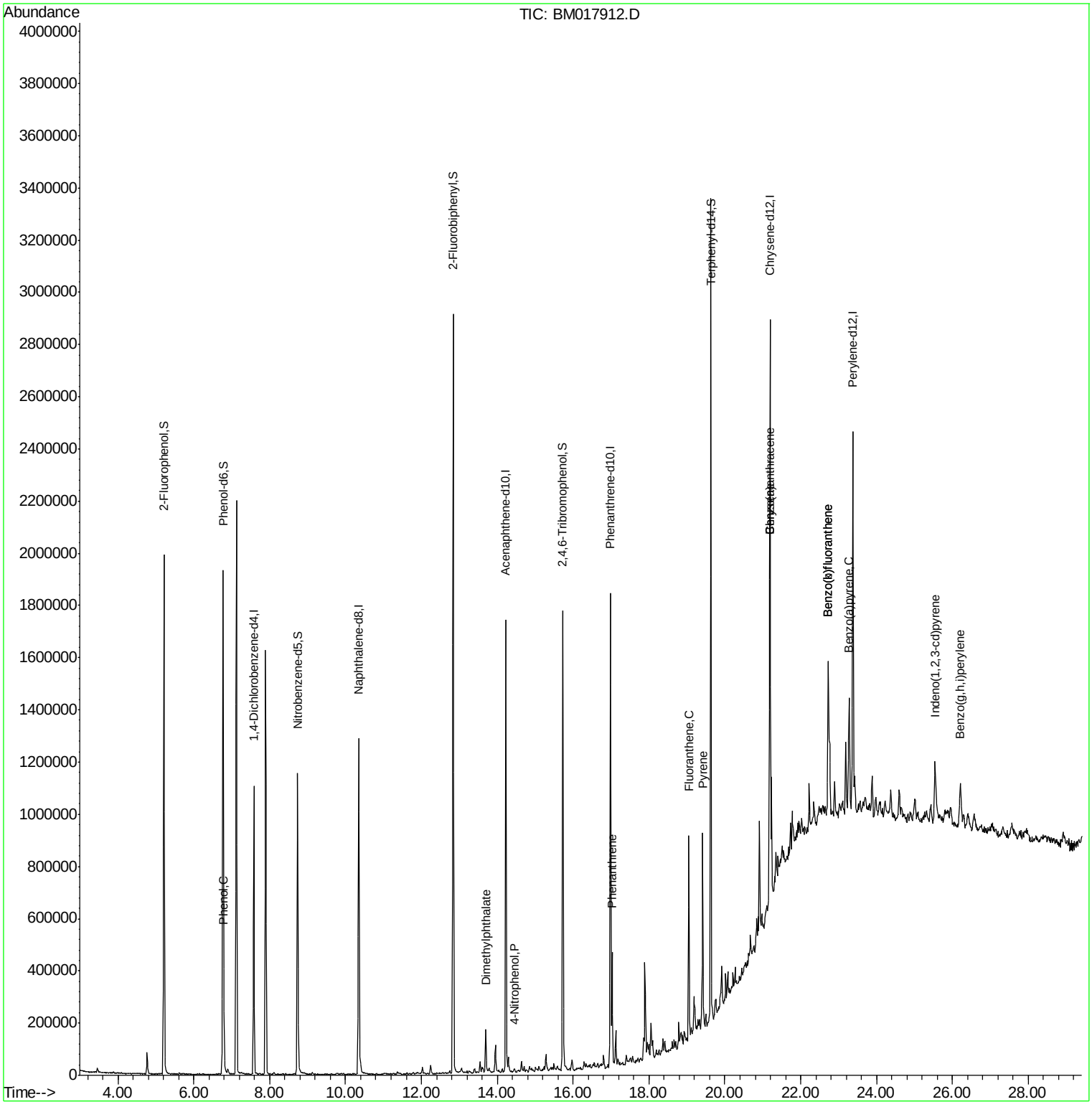
(#) = qualifier out of range (m) = manual integration (+) = signals summed

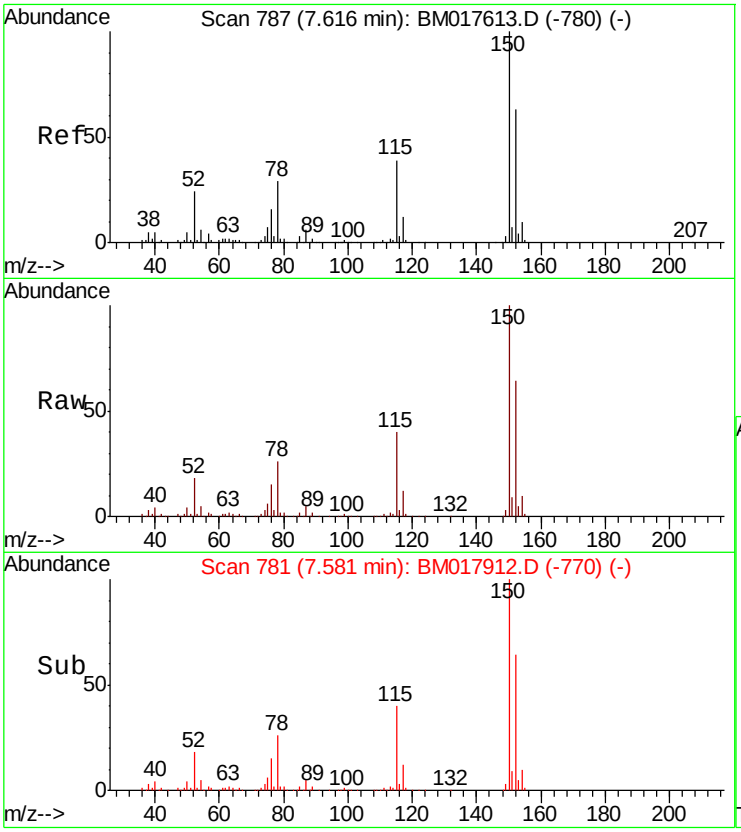
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120518\
Data File : BM017912.D
Acq On : 04 Dec 2018 20:59
Operator : JU/SJ
Sample : J5770-15 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Quant Time: Dec 05 00:26:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration



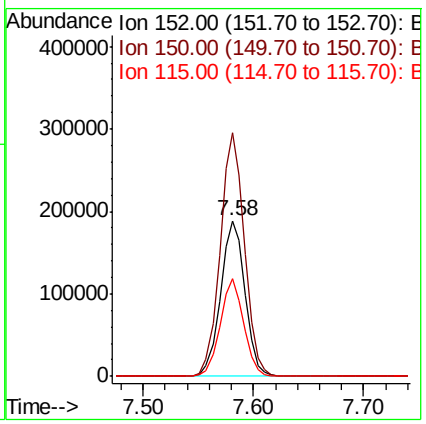


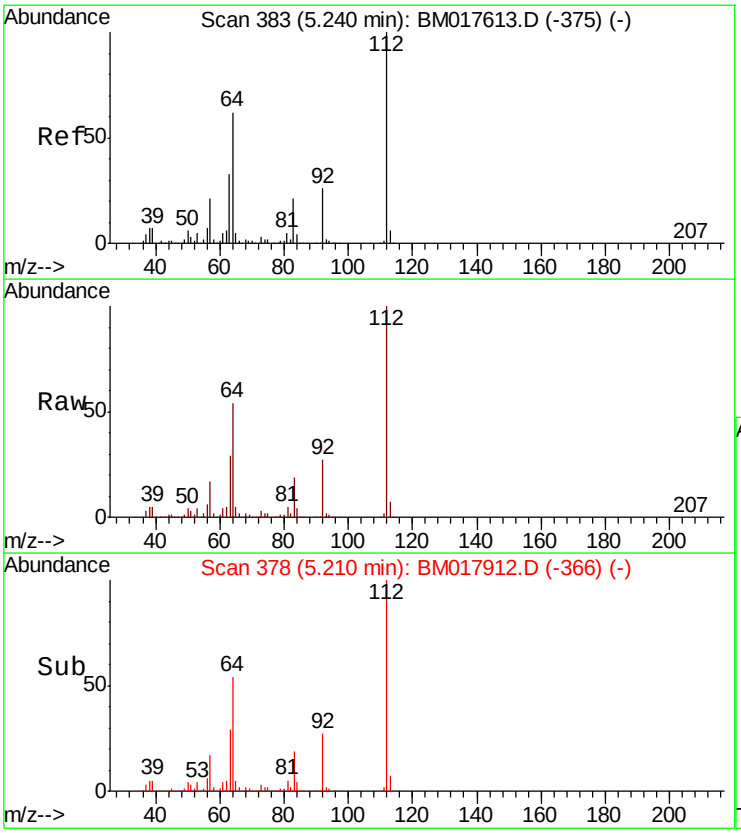
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:152 Resp: 290455

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.4	189.6
115	62.4	49.4	74.0

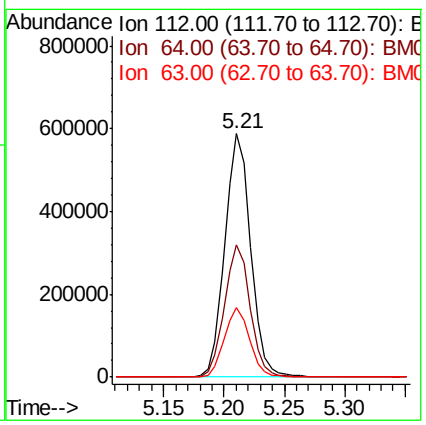


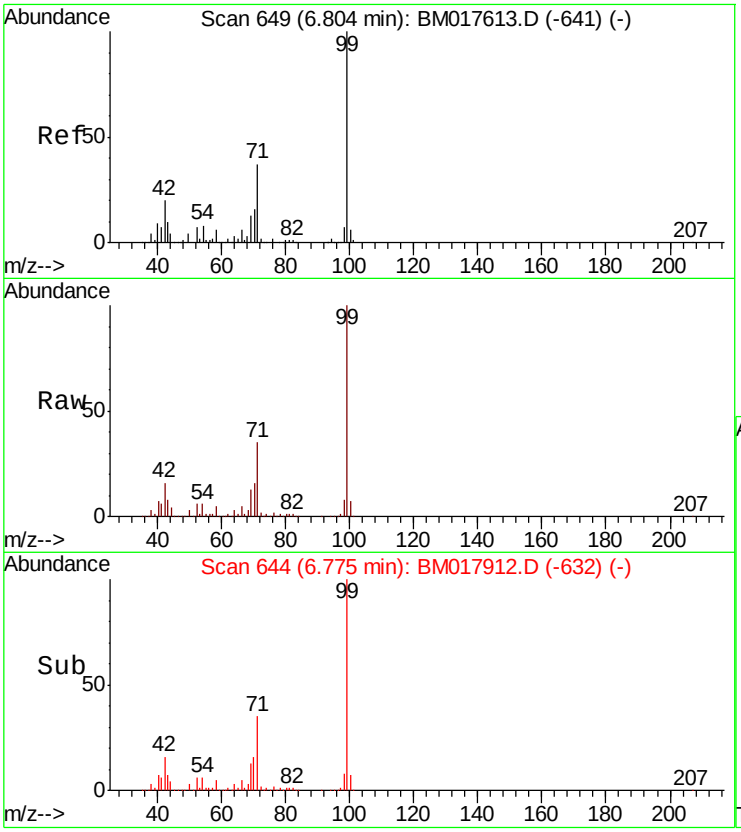


#5
2-Fluorophenol
Concen: 50.757 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:112 Resp: 873558

Ion	Ratio	Lower	Upper
112	100		
64	54.4	49.3	73.9
63	28.6	26.2	39.4



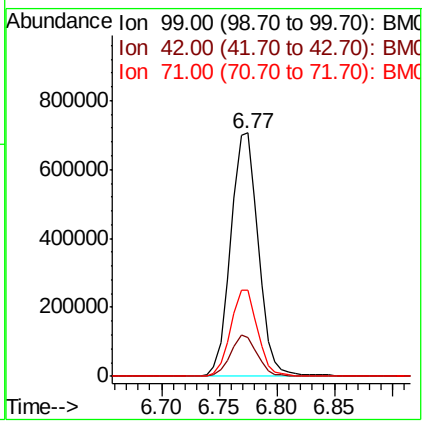


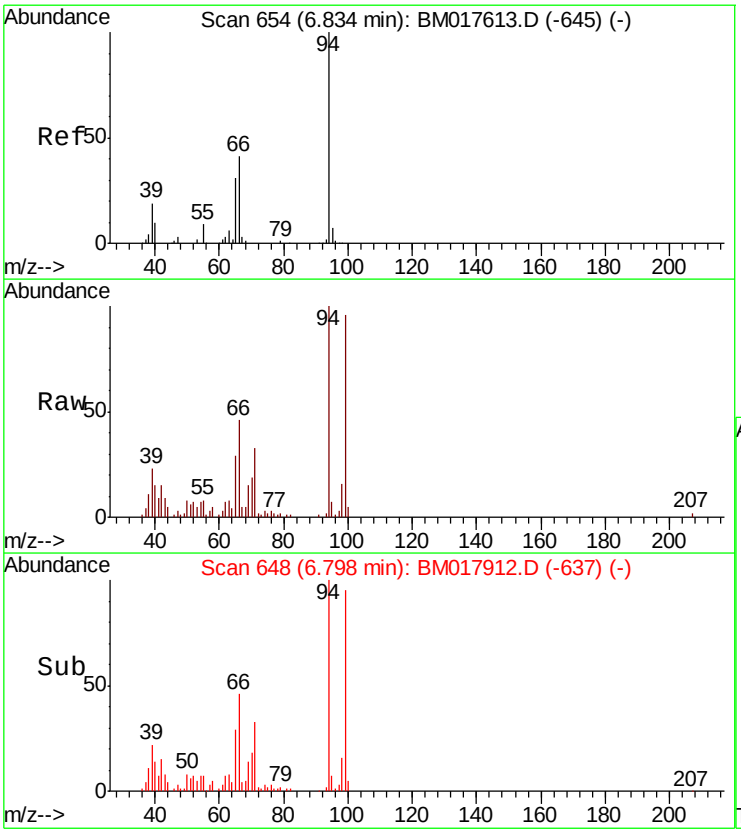
#7
Phenol-d6
Concen: 48.848 ng
RT: 6.77 min Scan# 644
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion: 99 Resp: 1174177

Ion	Ratio	Lower	Upper
99	100		
42	16.1	16.3	24.5#
71	35.2	29.8	44.8

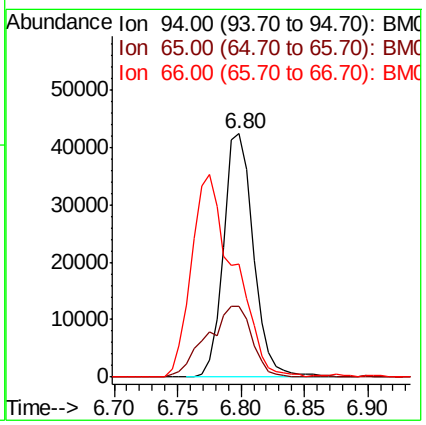


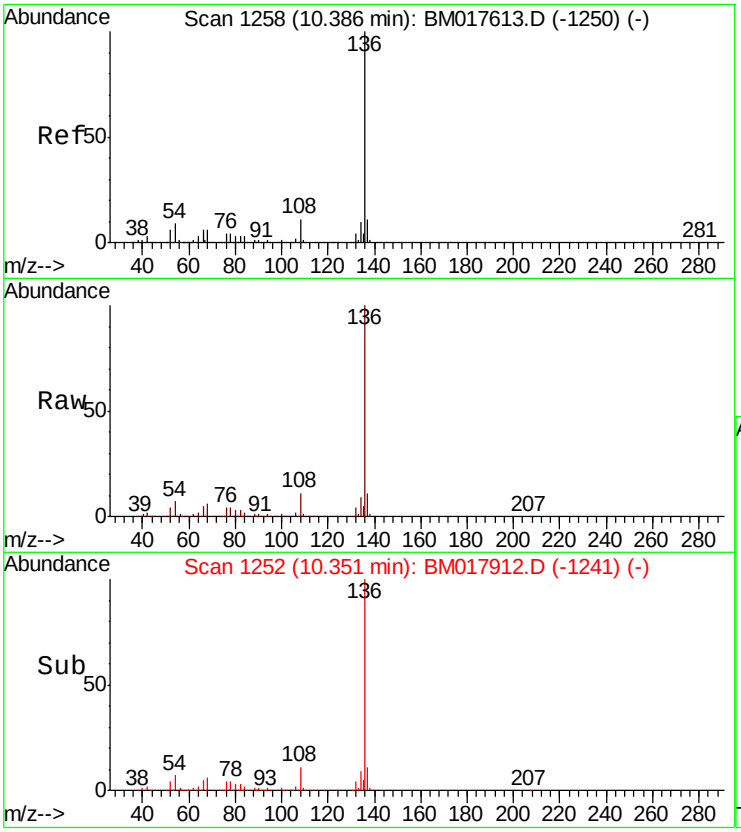


#10
Phenol
Concen: 2.744 ng
RT: 6.80 min Scan# 648
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion: 94 Resp: 69225

Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.4	51.4
66	46.3	21.4	61.4



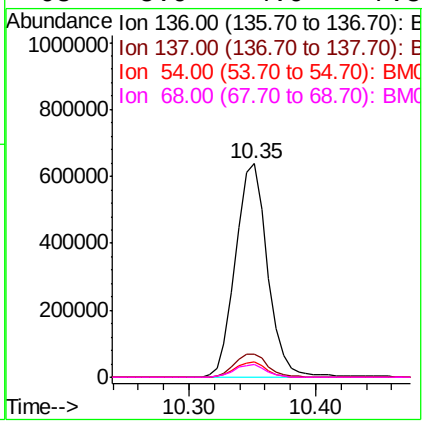


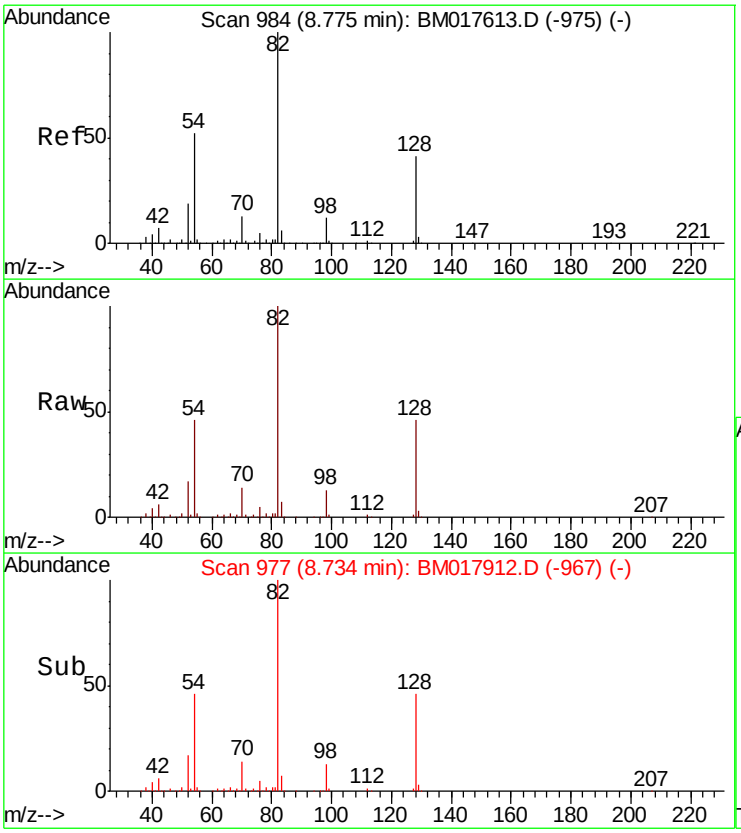
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:136 Resp: 1120798

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.9	7.0	10.6#
68	5.9	4.9	7.3

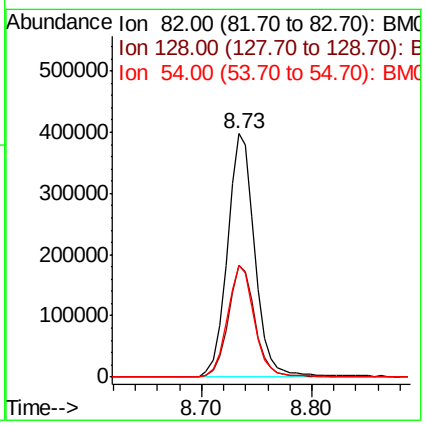


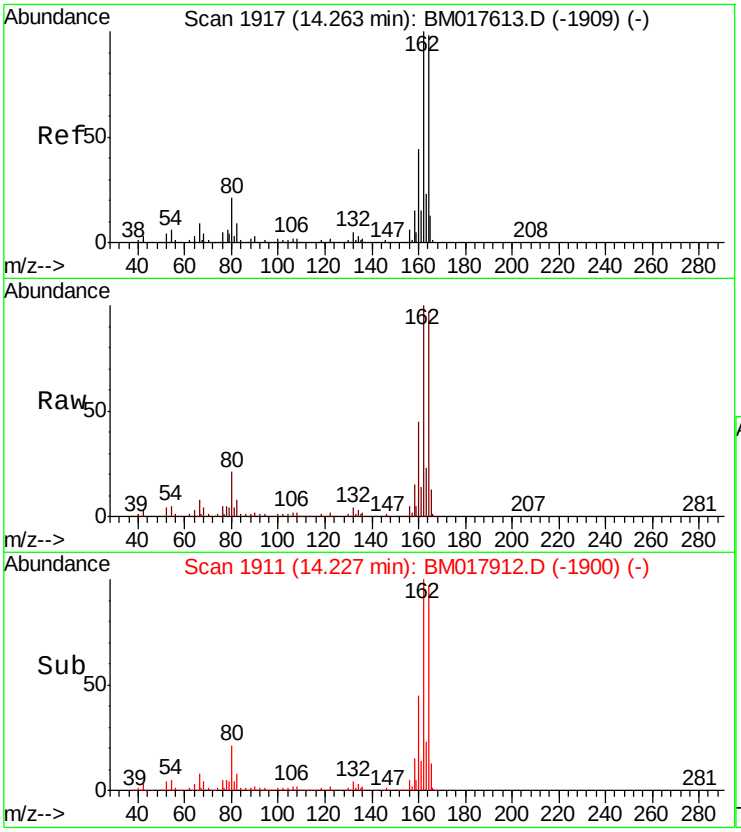


#23
Nitrobenzene-d5
Concen: 31.839 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion: 82 Resp: 691232

Ion	Ratio	Lower	Upper
82	100		
128	46.0	33.0	49.4
54	46.0	41.4	62.2



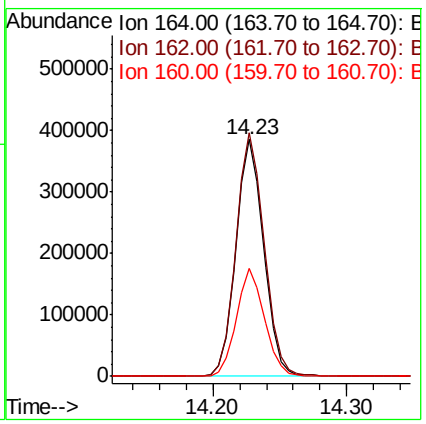


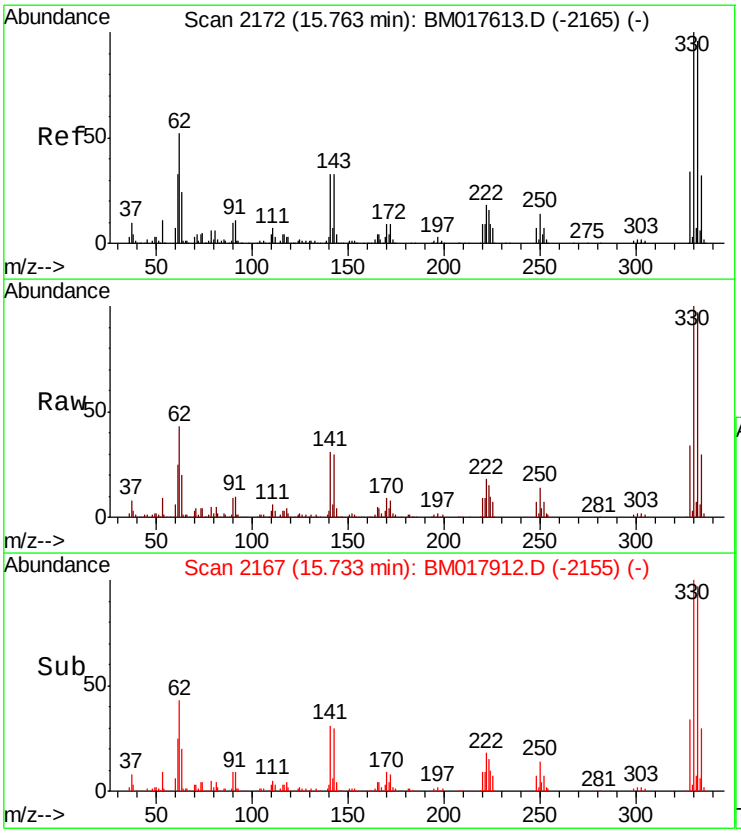
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:164 Resp: 554831

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.0
160	45.7	35.6	53.4

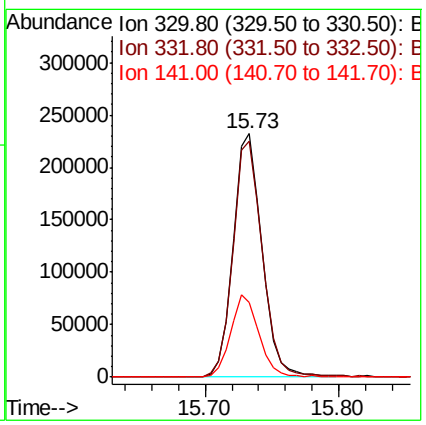


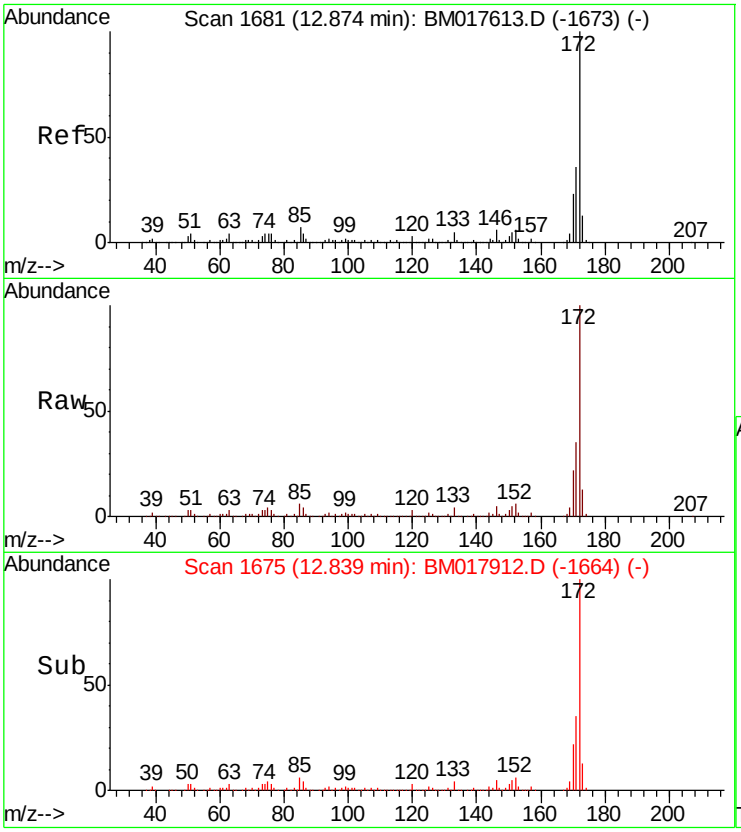


#42
2,4,6-Tribromophenol
Concen: 43.743 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:330 Resp: 348725

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.9	116.9
141	33.7	27.5	41.3



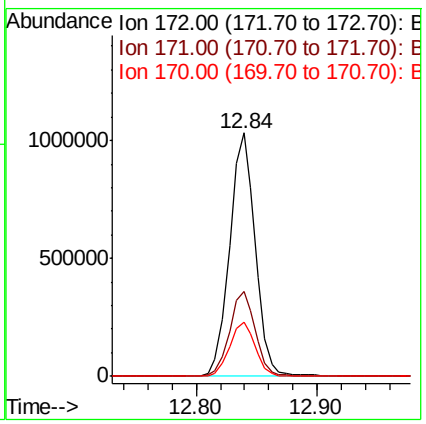


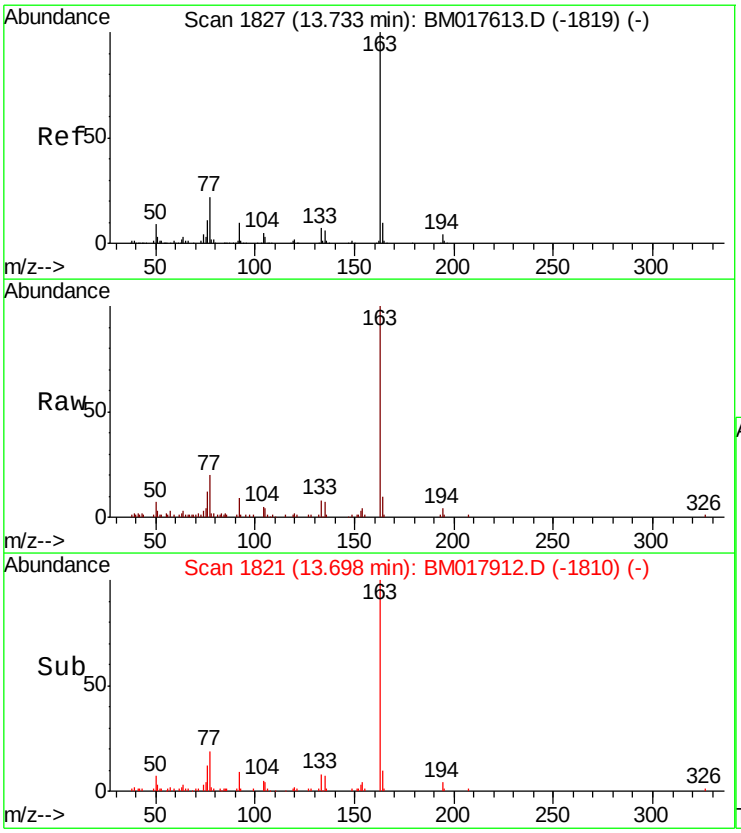
#45
2-Fluorobiphenyl
Concen: 35.604 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:172 Resp: 1522675

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.7	43.1
170	22.1	18.3	27.5

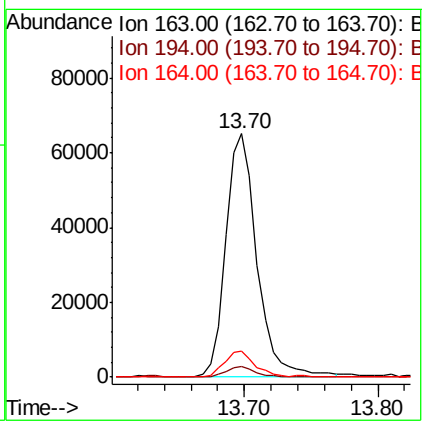


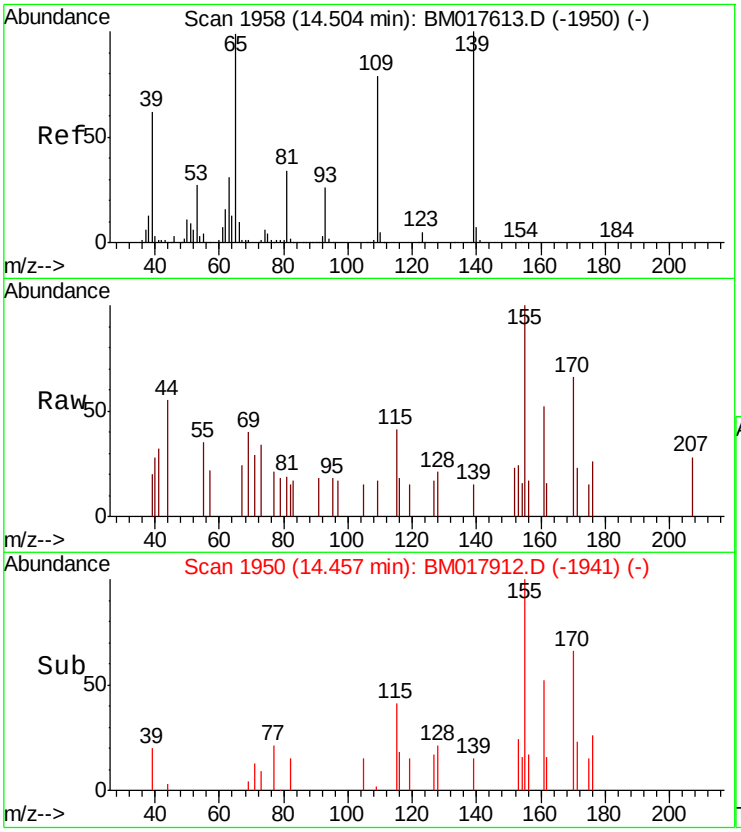


#50
Dimethylphthalate
Concen: 2.357 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:163 Resp: 106304

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	10.5	8.2	12.4



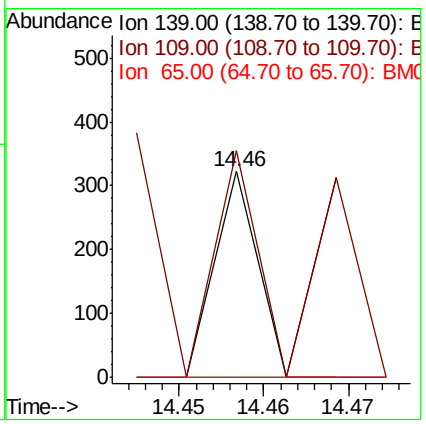


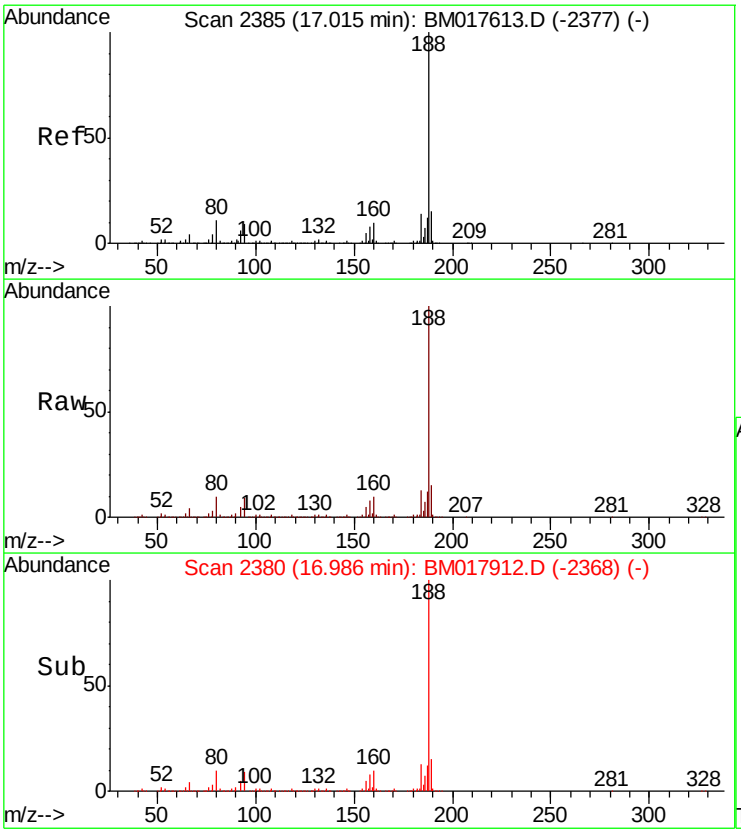
#56
4-Nitrophenol
Concen: 4.967 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.05 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:139 Resp: 114

Ion	Ratio	Lower	Upper
139	100		
109	110.2	58.6	98.6#
65	0.0	79.5	119.5#

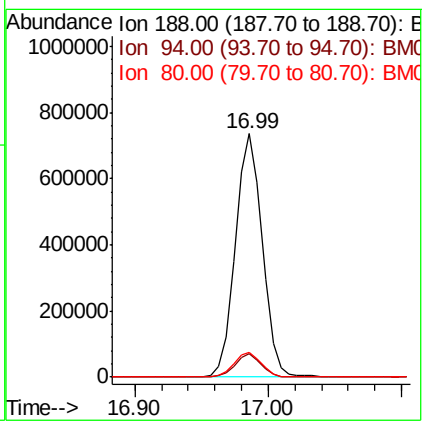


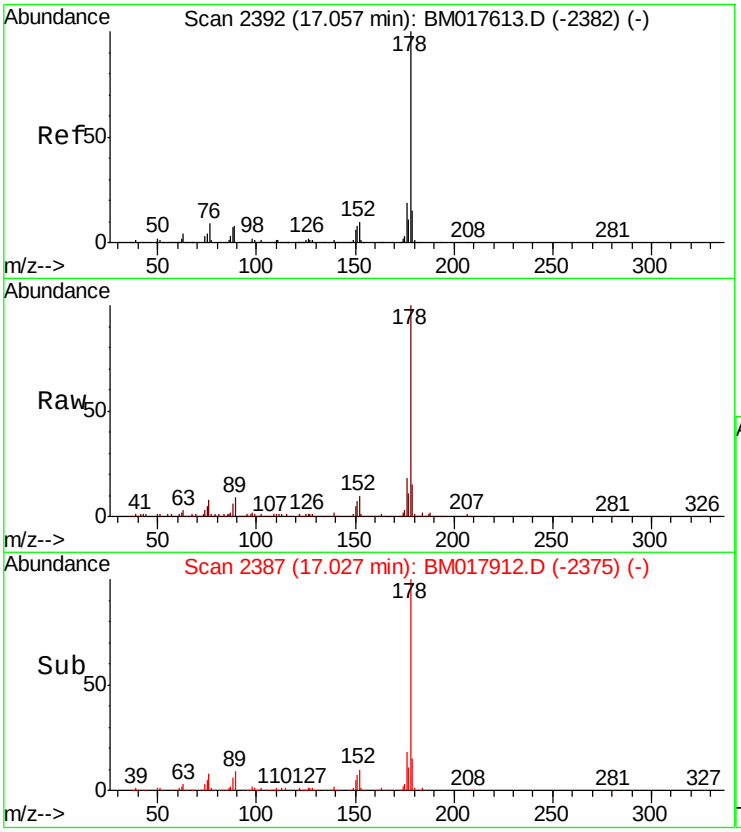


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:188 Resp: 1026992

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.9	8.6	13.0



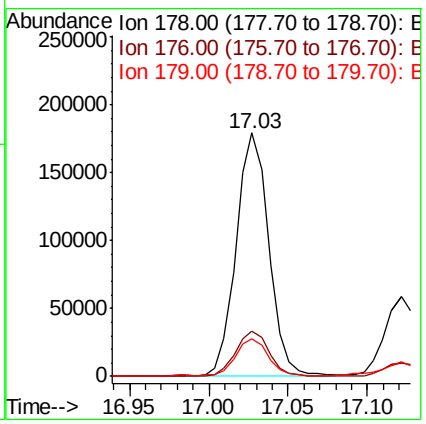


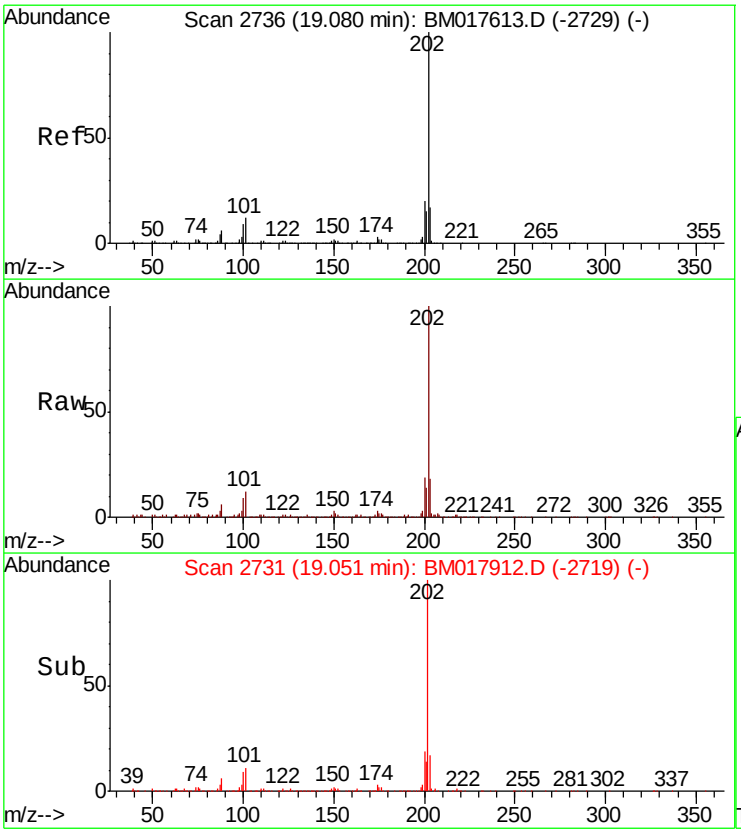
#71
Phenanthrene
Concen: 4.560 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:178 Resp: 254141

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.2	12.4	18.6

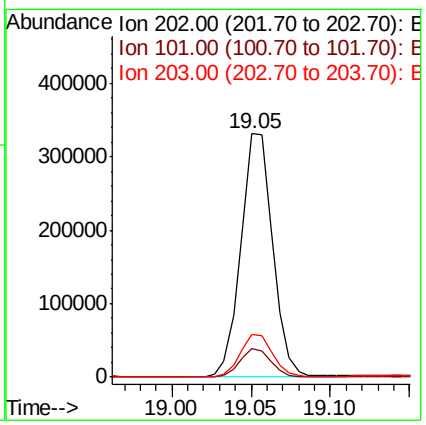


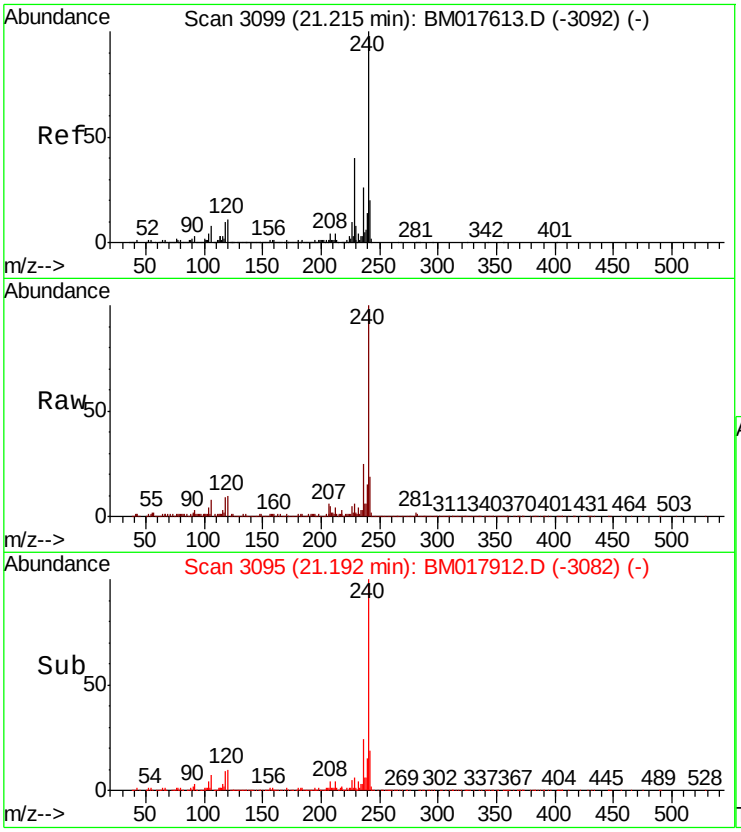


#75
Fluoranthene
Concen: 7.312 ng
RT: 19.05 min Scan# 2731
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:202 Resp: 461071

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.5
203	17.7	0.0	37.2



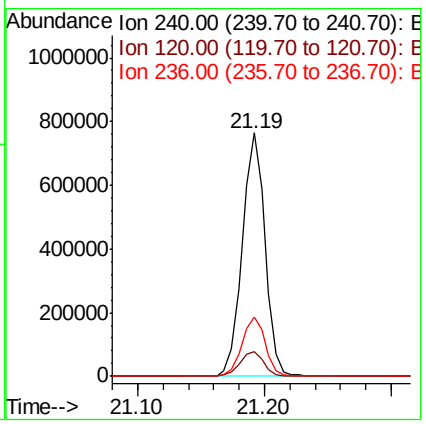


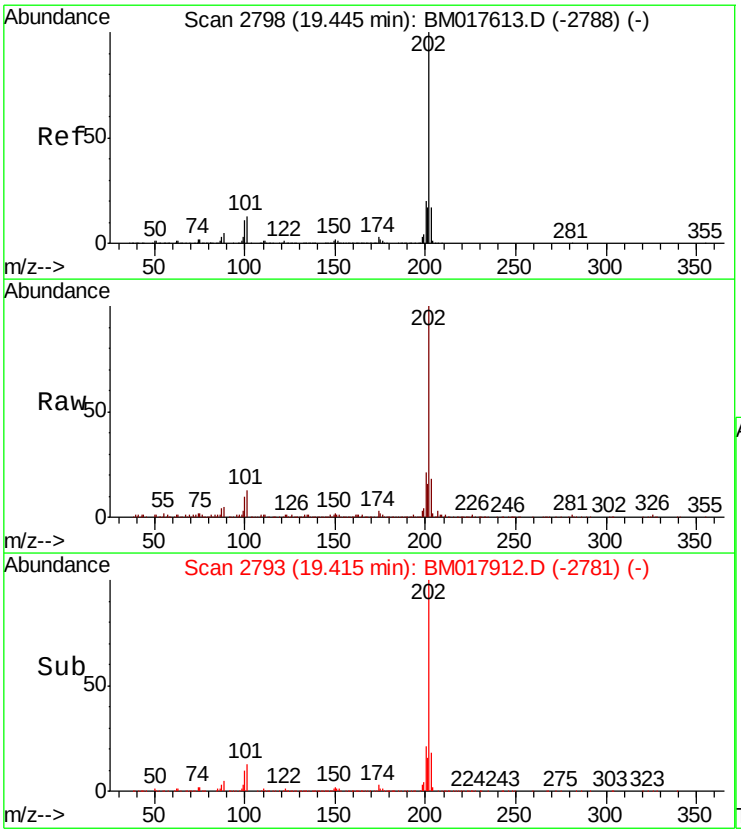
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:240 Resp: 946937

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.5	12.7
236	24.6	20.4	30.6

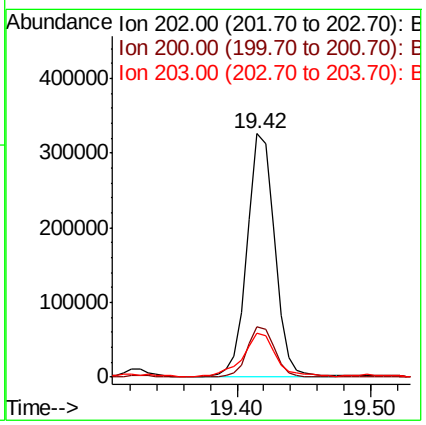


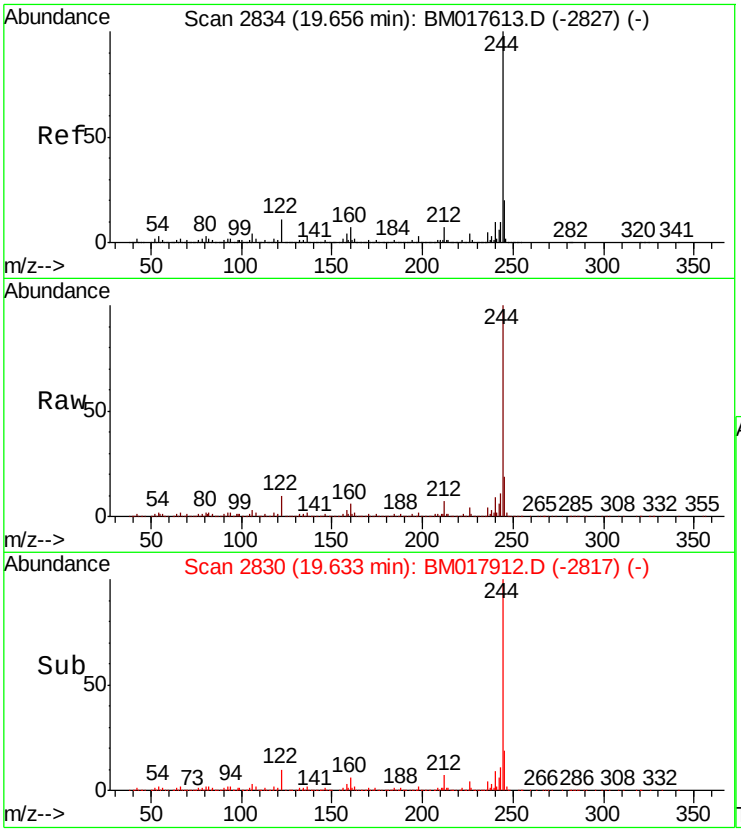


#78
Pyrene
Concen: 7.867 ng
RT: 19.42 min Scan# 2793
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:202 Resp: 459639

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	18.2	13.8	20.8



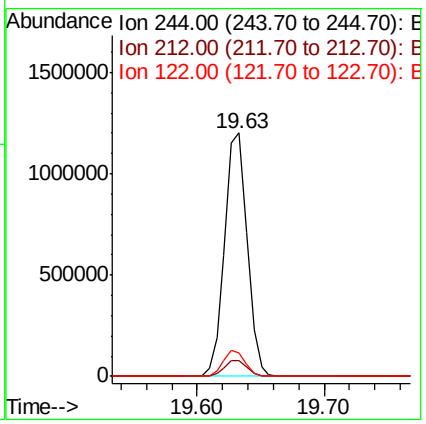


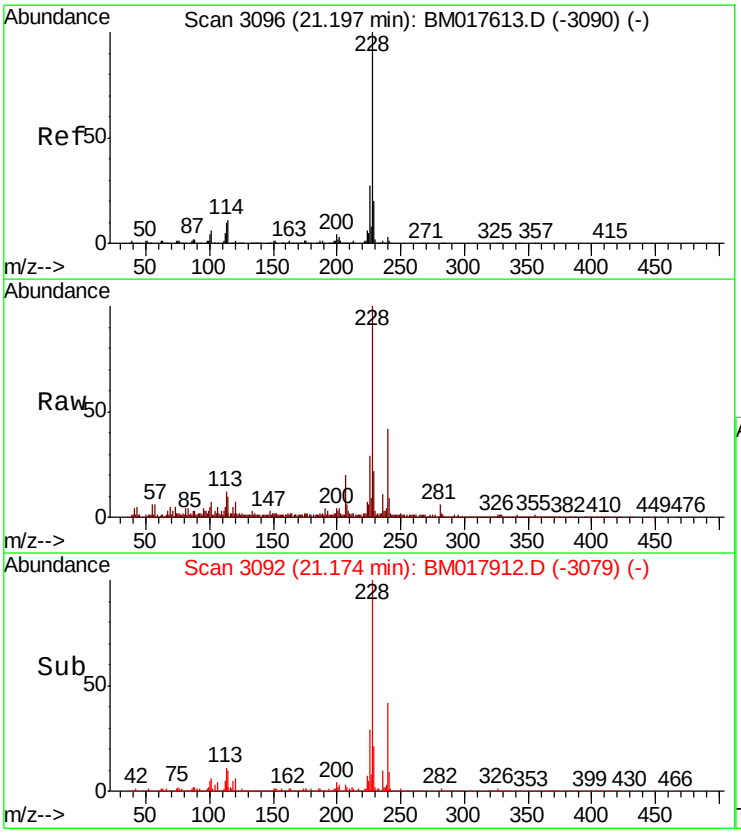
#79
Terphenyl-d14
Concen: 35.538 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:244 Resp: 1484822

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	9.6	9.0	13.6

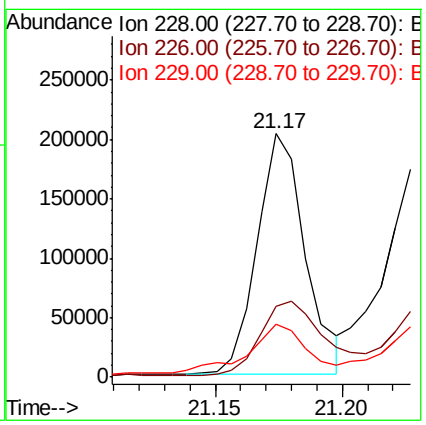


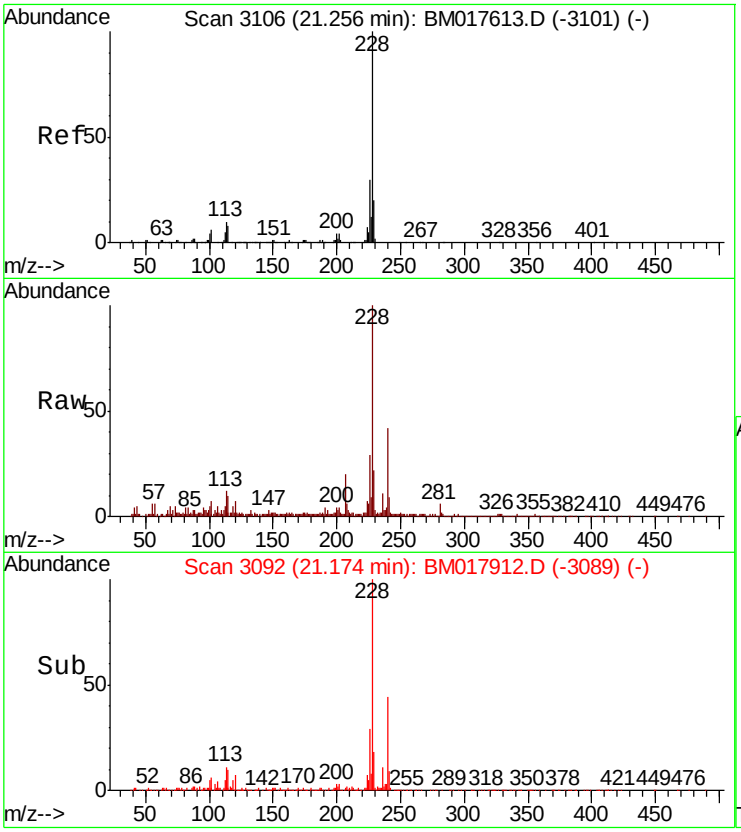


#81
Benzo(a)anthracene
Concen: 4.967 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:228 Resp: 270960

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.3	31.9
229	22.0	16.0	24.0



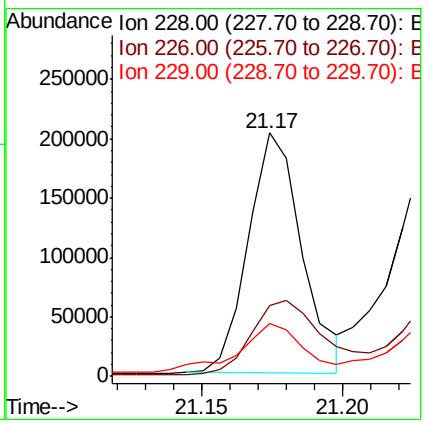


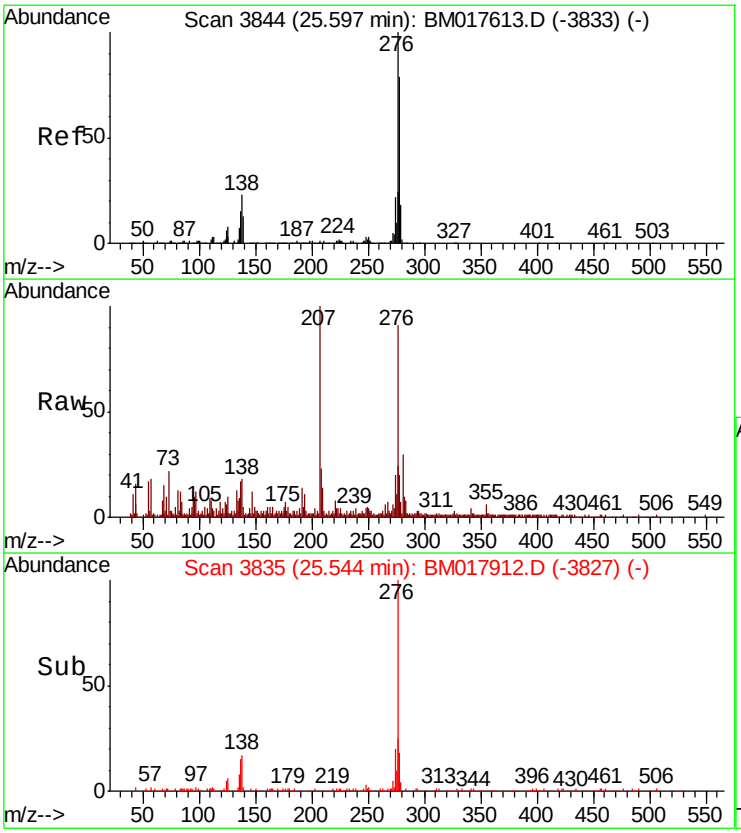
#83
Chrysene
Concen: 5.061 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.08 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:228 Resp: 268173

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	22.0	15.8	23.6

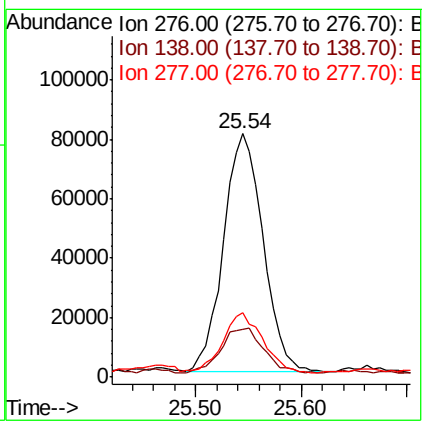


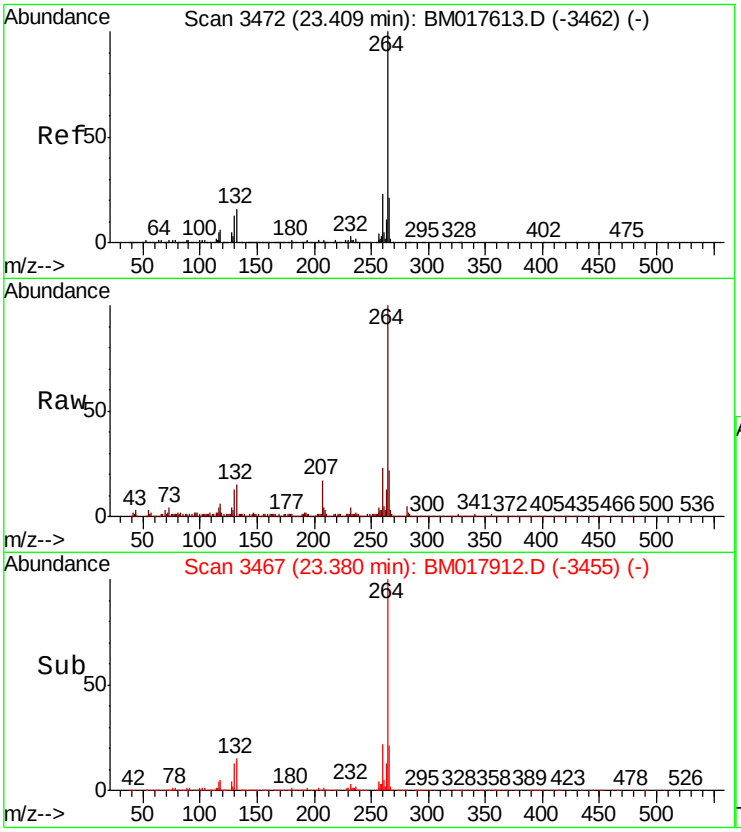


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.898 ng
RT: 25.54 min Scan# 3835
Delta R.T. -0.05 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:276 Resp: 207398

Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.1	28.7
277	25.5	20.0	30.0



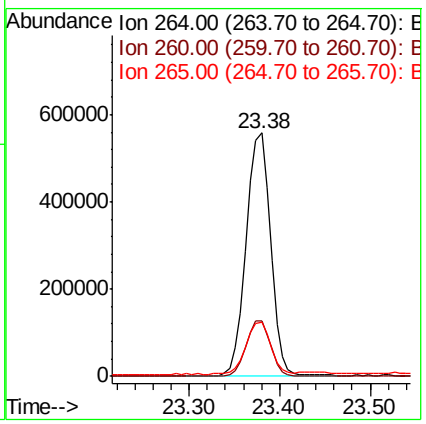


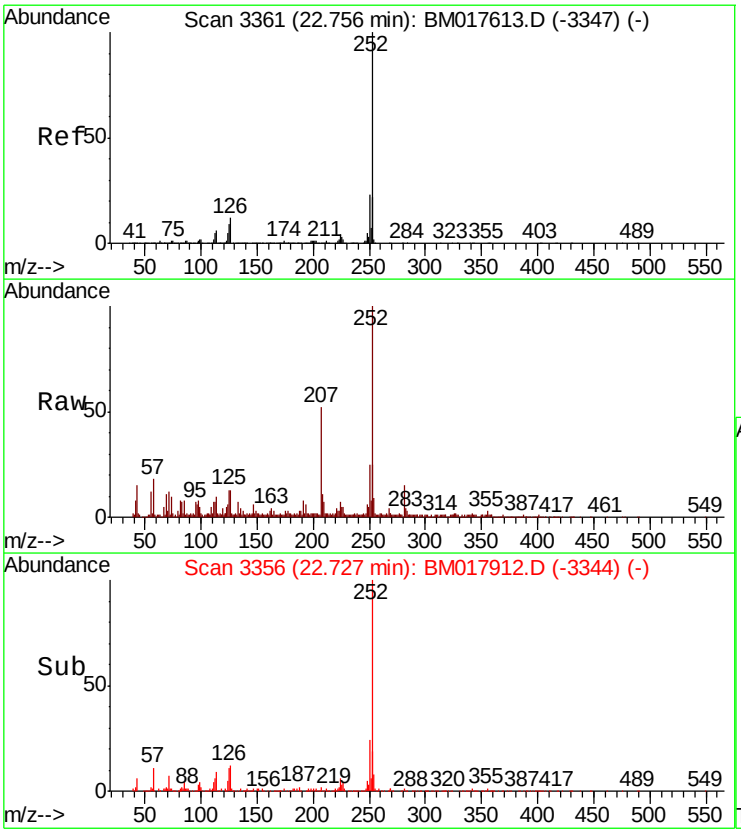
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:264 Resp: 1040240

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	22.5	17.5	26.3

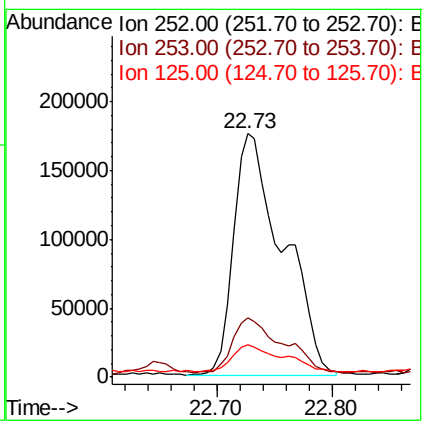


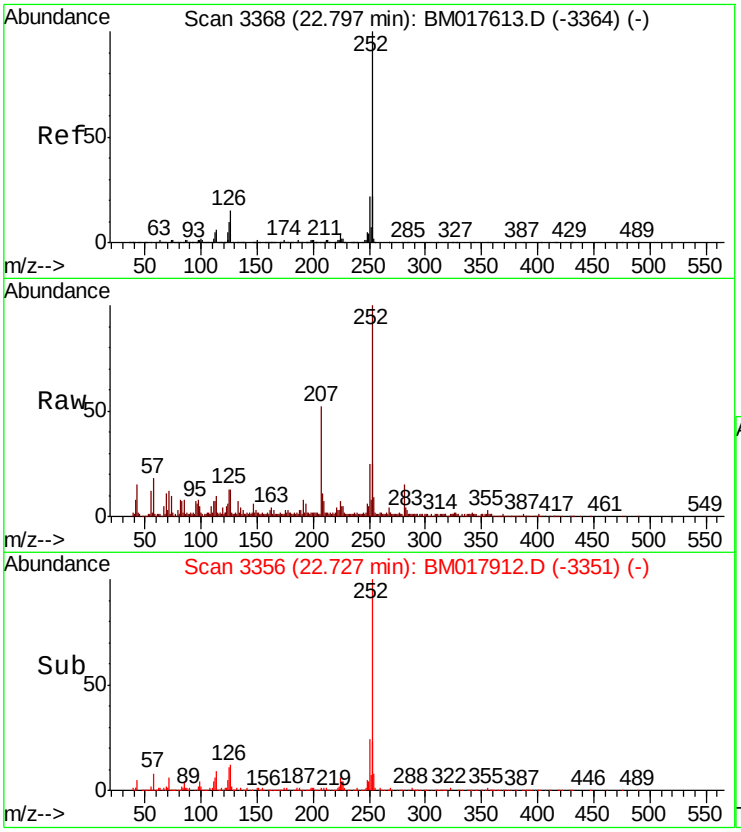


#88
Benzo(b)fluoranthene
Concen: 8.497 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.03 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:252 Resp: 517661

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	13.3	7.6	11.4#



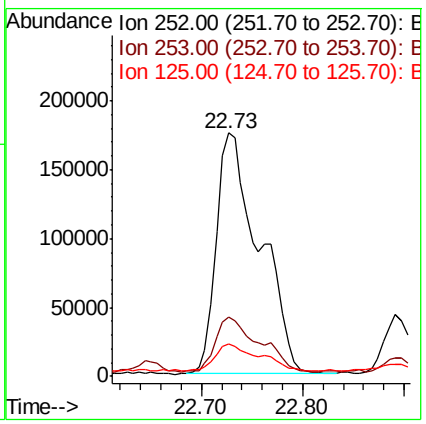


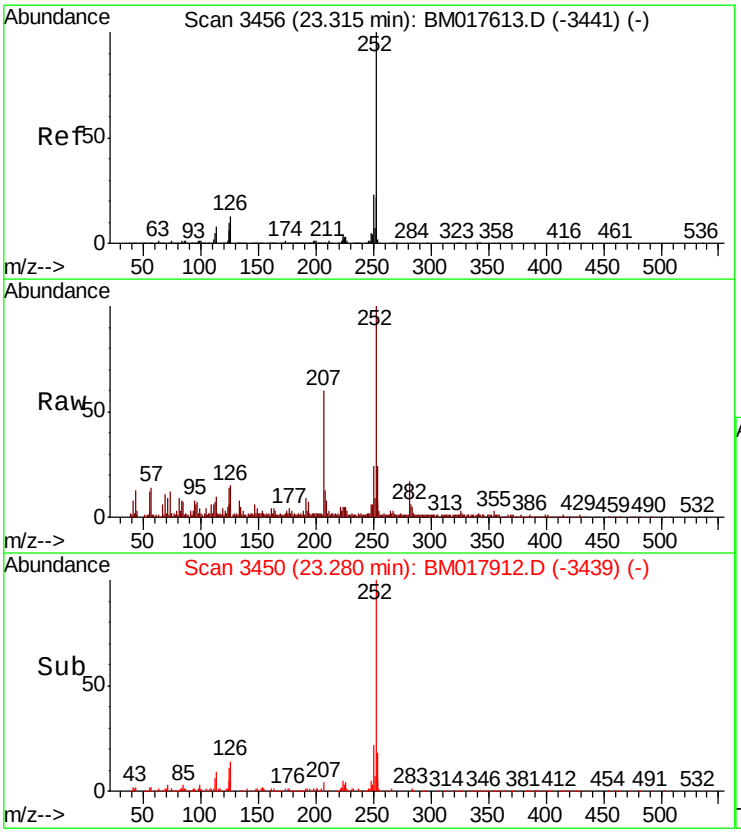
#89
Benzo(k)fluoranthene
Concen: 8.366 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.07 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:252 Resp: 515152

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	13.3	7.9	11.9#

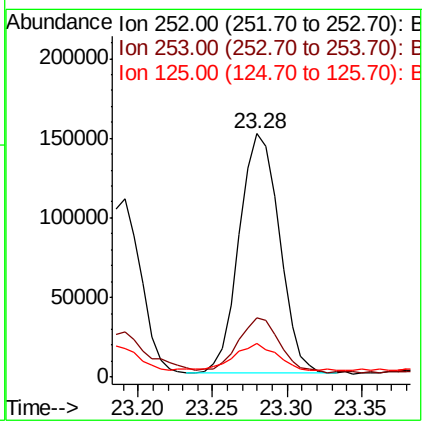


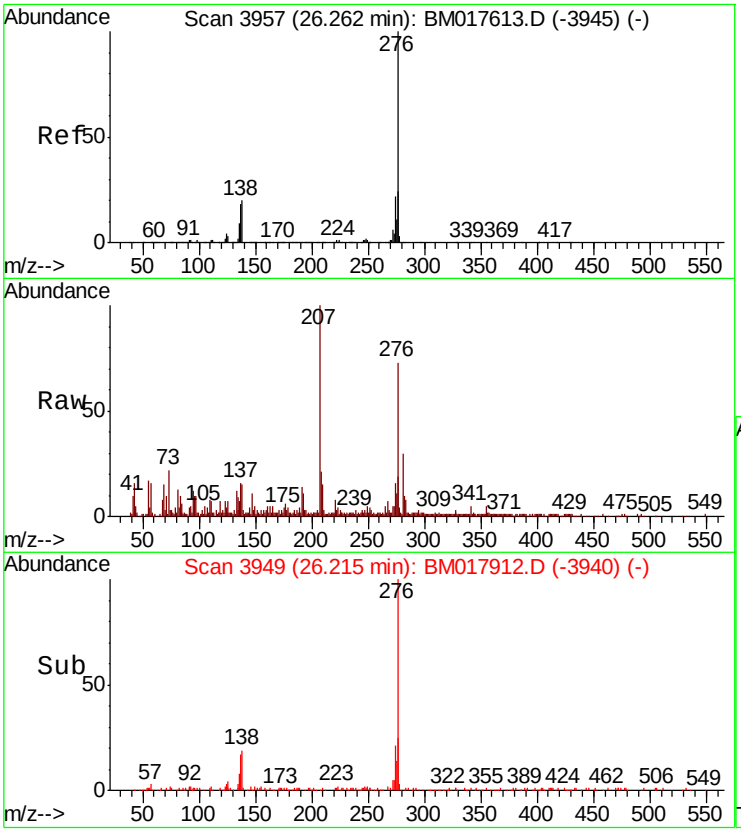


#90
Benzo(a)pyrene
Concen: 5.034 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Tgt Ion:252 Resp: 279626

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	13.6	8.2	12.2#





#92
Benzo(g,h,i)perylene
Concen: 4.532 ng
RT: 26.21 min Scan# 3949
Delta R.T. -0.05 min
Lab File: BM017912.D
Acq: 04 Dec 2018 20:59

Instrument :
BNA_M
ClientSampleId :
OR-03-112918-B

Tgt Ion:276 Resp: 199026

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.0	28.4
138	20.3	15.9	23.9