Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
Data File : BM018368.D
Acq On : 21 Dec 2018 21:52
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-07A

Quant Time: Dec 22 03:51:21 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	103613	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	415938	20.00	ng		-0.02
39) Acenaphthene-d10	14.15	164	253079	20.00	ng		-0.02
64) Phenanthrene-d10	16.92	188	513478	20.00	ng		0.00
76) Chrysene-d12	21.14	240	411937	20.00	ng		0.00
87) Perylene-d12	23.31	264	451103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	710068	114.48	ng		0.00
7) Phenol-d6	6.70	99	948035	109.97	ng		0.00
23) Nitrobenzene-d5	8.65	82	634254	78.22	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	329362	88.67	ng		0.00
45) 2-Fluorobiphenyl	12.75	172	1085218	55.54	ng		-0.02
79) Terphenyl-d14	19.57	244	1232791	67.68	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.73	94	66514	7.285	ng		87
50) Dimethylphthalate	13.62	163	89644	4.261	ng		96
71) Phenanthrene	16.96	178	100428	3.601	ng		97
75) Fluoranthene	18.99	202	176315	5.437	ng		97
78) Pyrene	19.36	202	157191	6.404	ng		97
81) Benzo(a)anthracene	21.13	228	80712	3.354	ng	#	90
83) Chrysene	21.17	228	87707	3.789	ng		93
84) Bis(2-ethylhexyl)phthalate	21.06	149	305774	17.570	ng		97
86) Indeno(1,2,3-cd)pyrene	25.45	276	75799	3.288	ng		98
88) Benzo(b)fluoranthene	22.67	252	134198	5.296	ng	#	86
89) Benzo(k)fluoranthene	22.67	252	131777	5.222	ng	#	85
90) Benzo(a)pyrene	23.22	252	83592	3.469	ng	#	82
92) Benzo(g,h,i)perylene	26.10	276	76136	3.608	ng		99

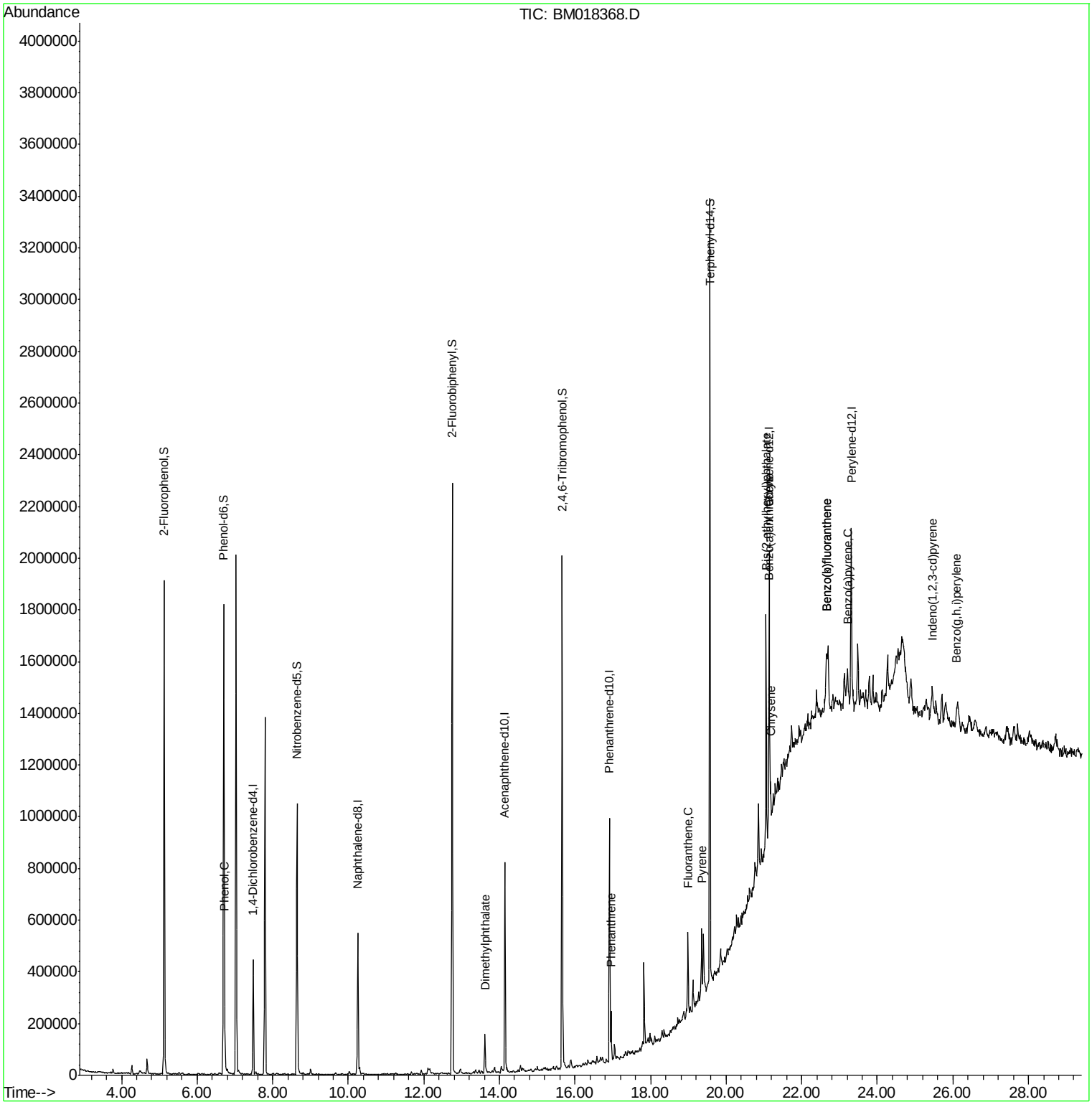
(#) = qualifier out of range (m) = manual integration (+) = signals summed

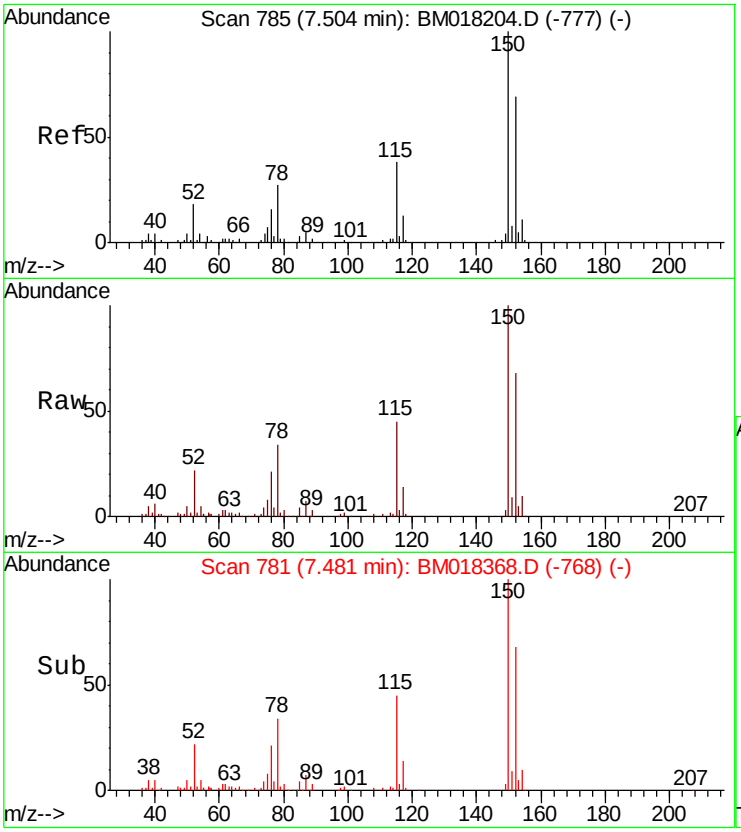
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
Data File : BM018368.D
Acq On : 21 Dec 2018 21:52
Operator : JU/SJ
Sample : J6357-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-07A

Quant Time: Dec 22 03:51:21 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



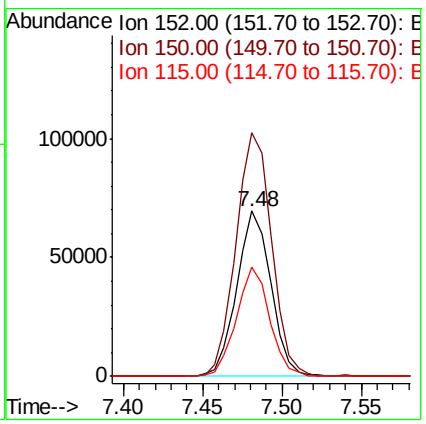


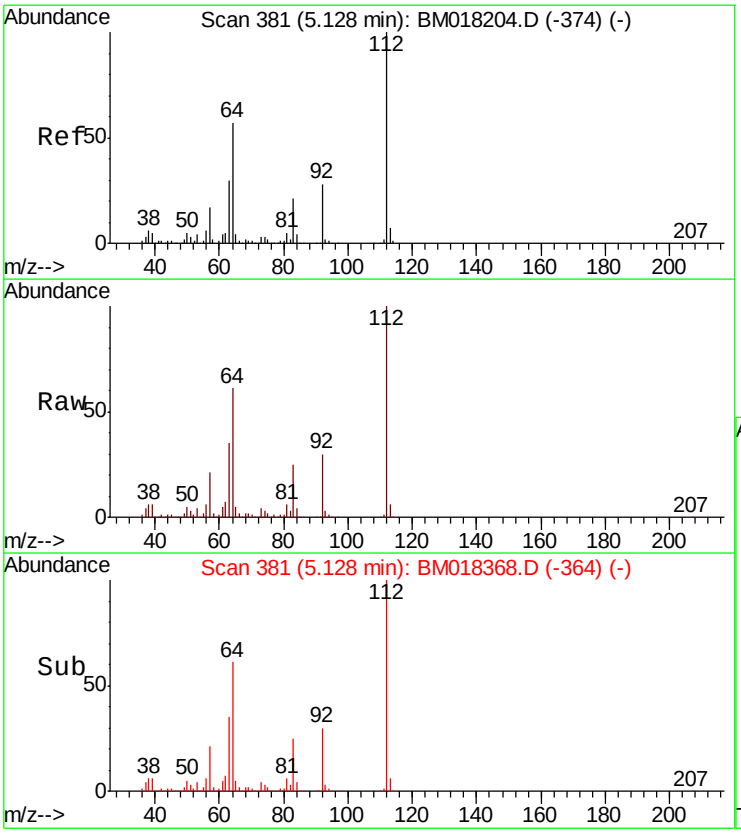
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:152 Resp: 103613

Ion	Ratio	Lower	Upper
152	100		
150	147.6	116.1	174.1
115	66.3	44.6	67.0

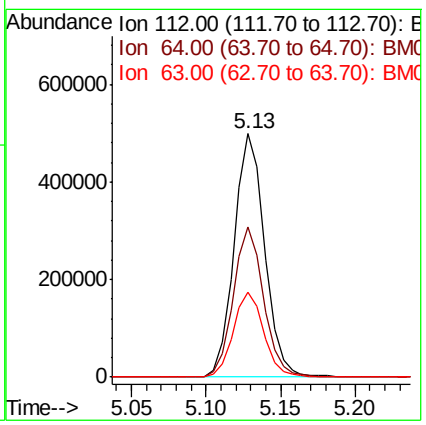


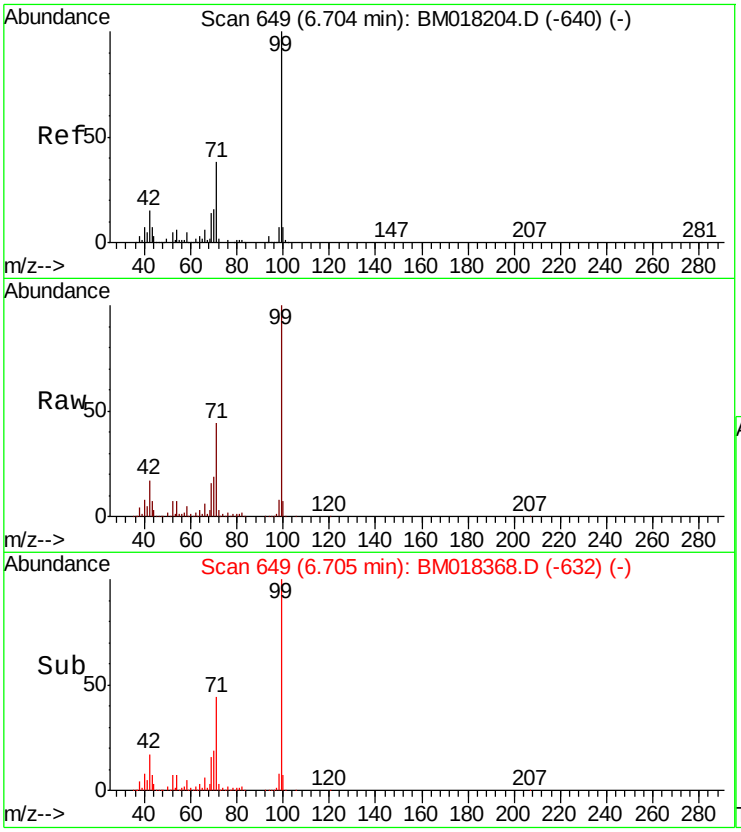


#5
2-Fluorophenol
Concen: 114.480 ng
RT: 5.13 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:112 Resp: 710068

Ion	Ratio	Lower	Upper
112	100		
64	61.5	45.4	68.2
63	34.7	24.0	36.0



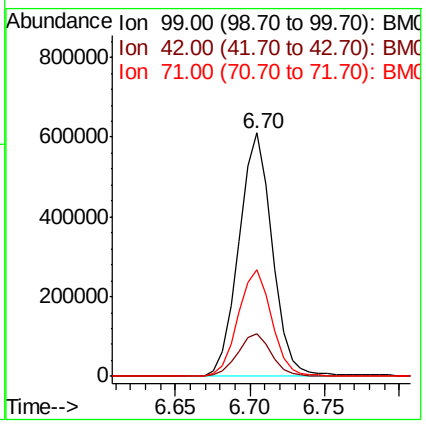


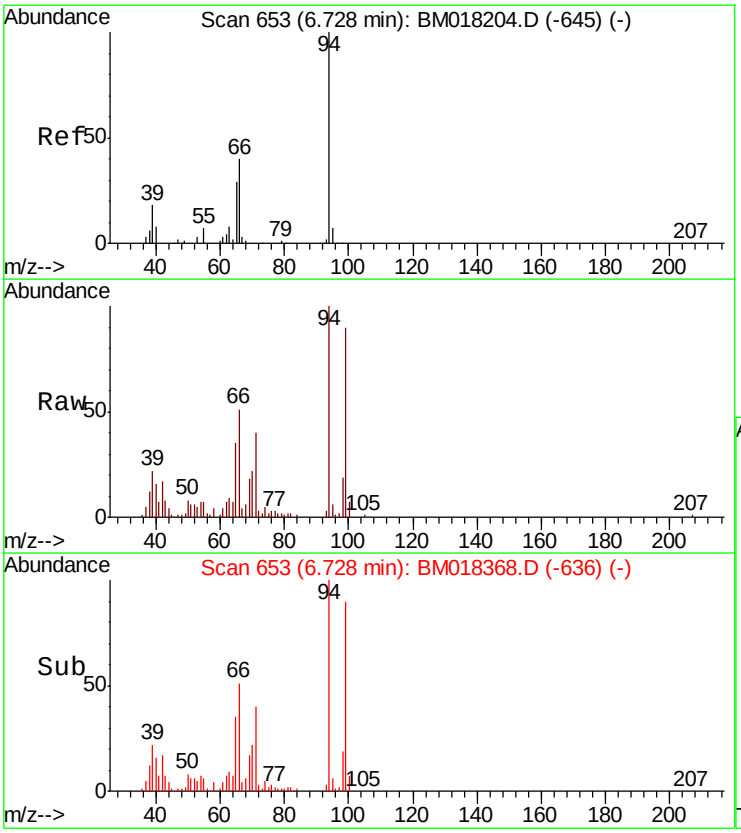
#7
Phenol-d6
Concen: 109.967 ng
RT: 6.70 min Scan# 649
Delta R.T. 0.00 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion: 99 Resp: 948035

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.3	18.5
71	43.8	30.2	45.2

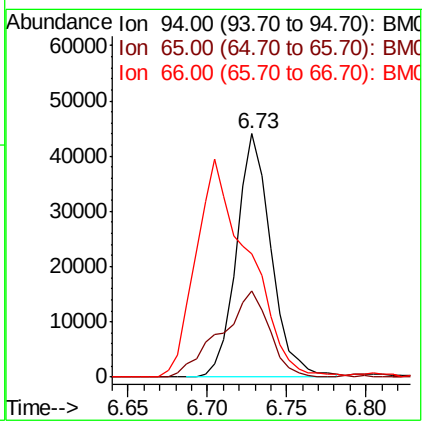


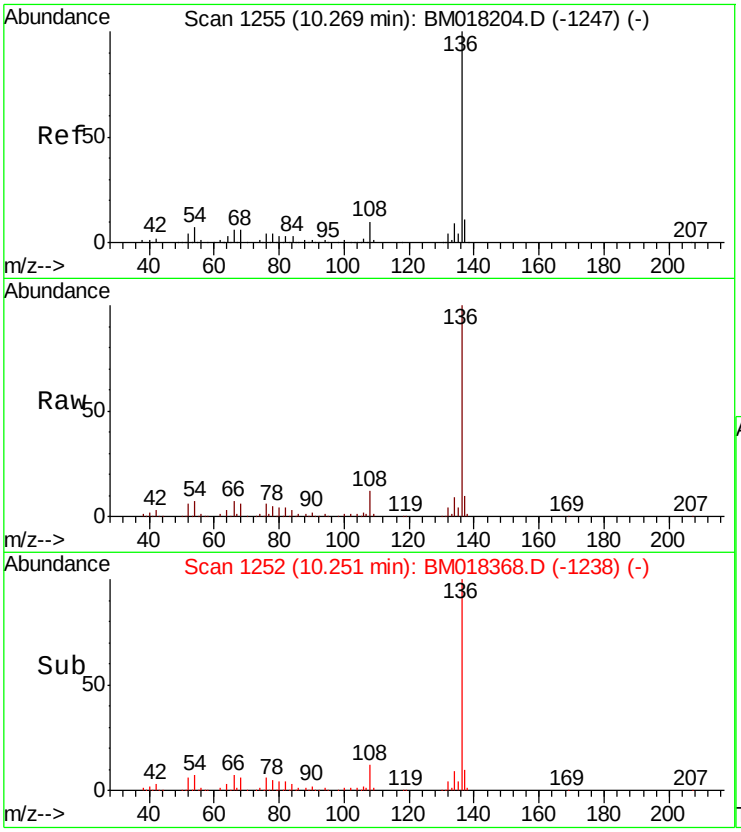


#10
Phenol
Concen: 7.285 ng
RT: 6.73 min Scan# 653
Delta R.T. 0.00 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion: 94 Resp: 66514

Ion	Ratio	Lower	Upper
94	100		
65	35.3	9.5	49.5
66	50.7	21.3	61.3



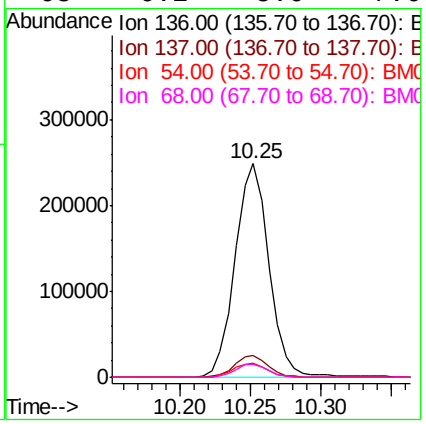


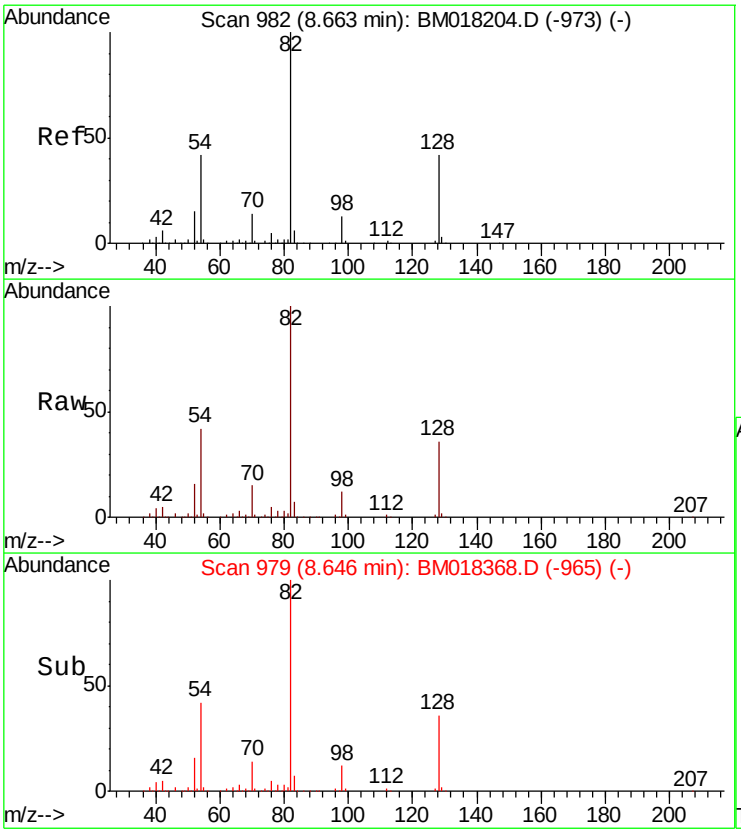
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:136 Resp: 415938

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.7	5.2	7.8
68	6.2	5.0	7.6

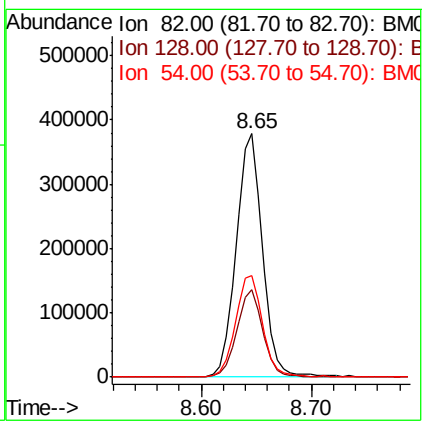


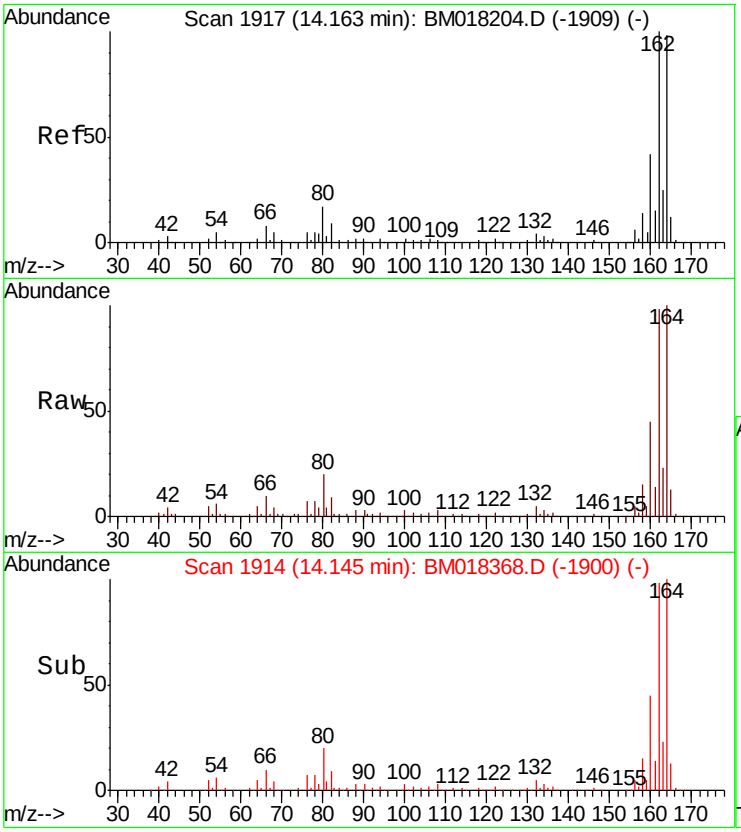


#23
Nitrobenzene-d5
Concen: 78.216 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion: 82 Resp: 634254

Ion	Ratio	Lower	Upper
82	100		
128	35.7	33.4	50.2
54	41.8	33.4	50.2



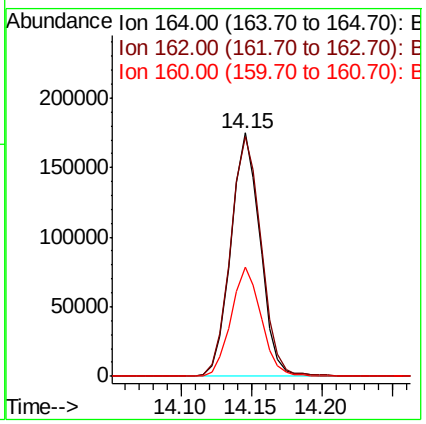


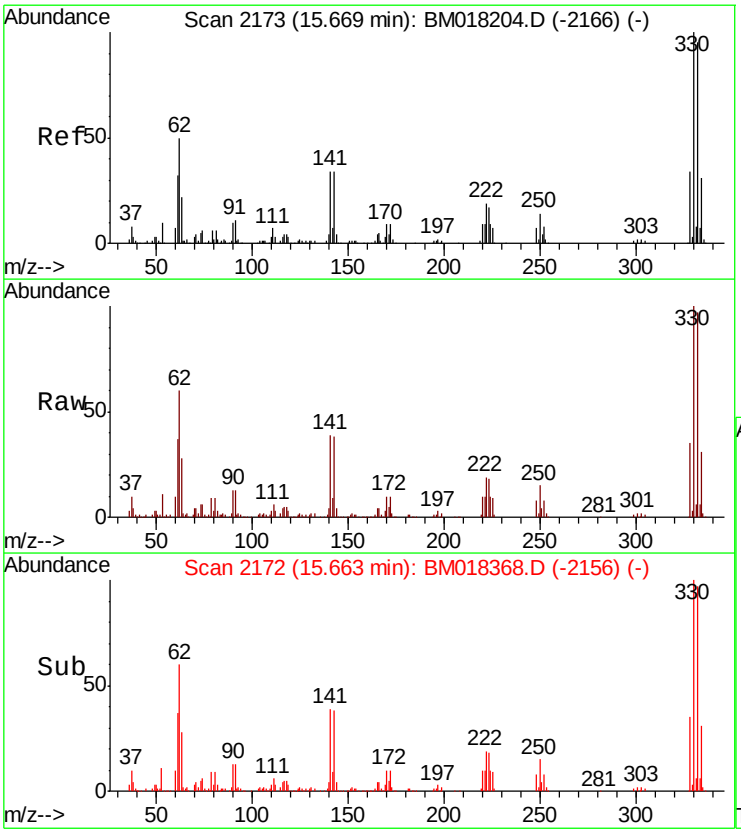
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:164 Resp: 253079

Ion	Ratio	Lower	Upper
164	100		
162	98.4	81.8	122.6
160	45.1	34.6	51.8

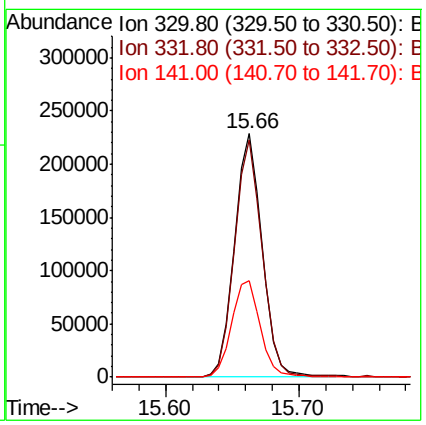


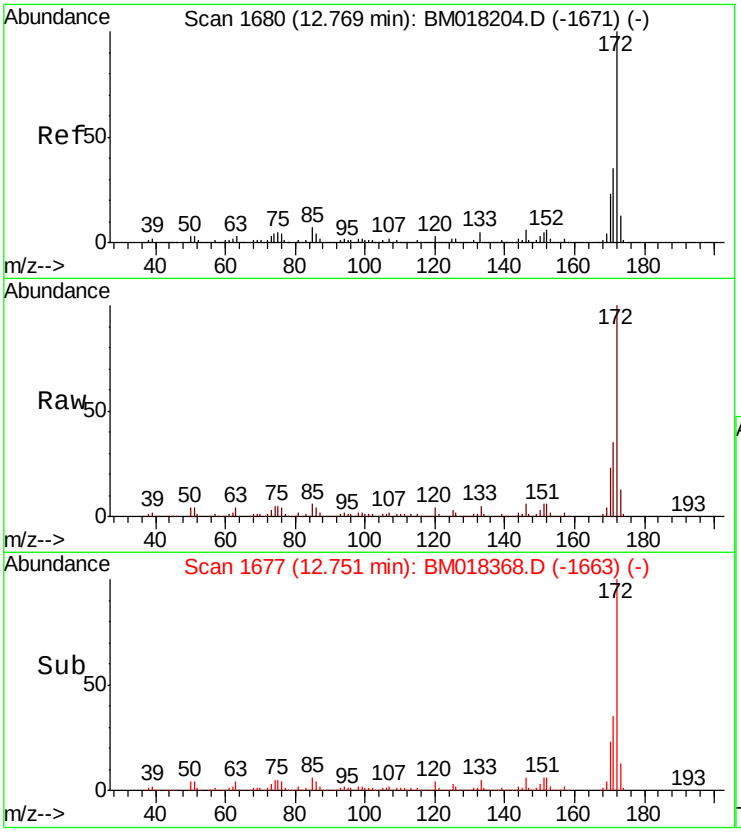


#42
2,4,6-Tribromophenol
Concen: 88.669 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:330 Resp: 329362

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	118.0
141	41.2	27.1	40.7#



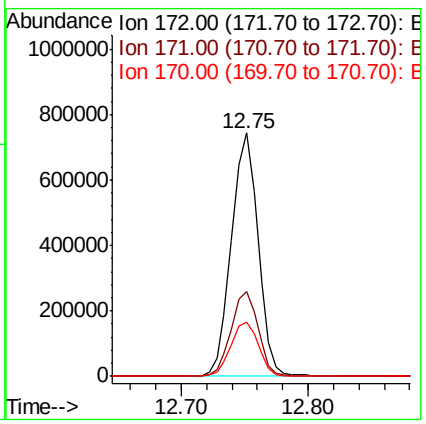


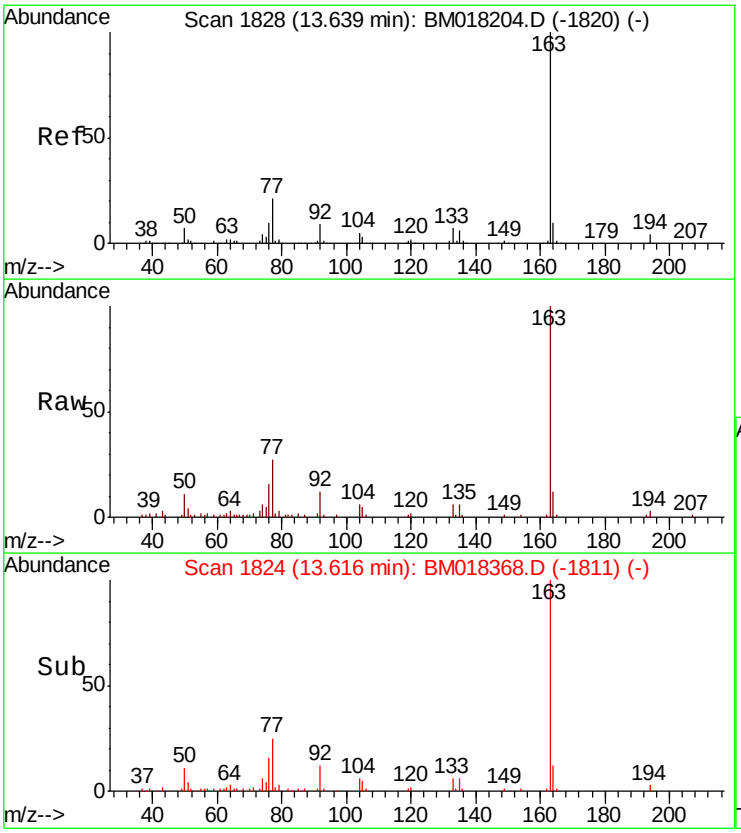
#45
2-Fluorobiphenyl
Concen: 55.540 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:172 Resp: 1085218

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.5	18.1	27.1

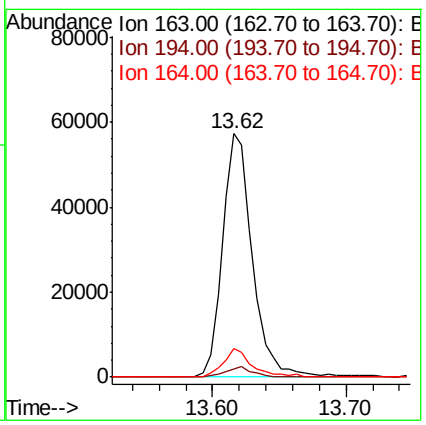


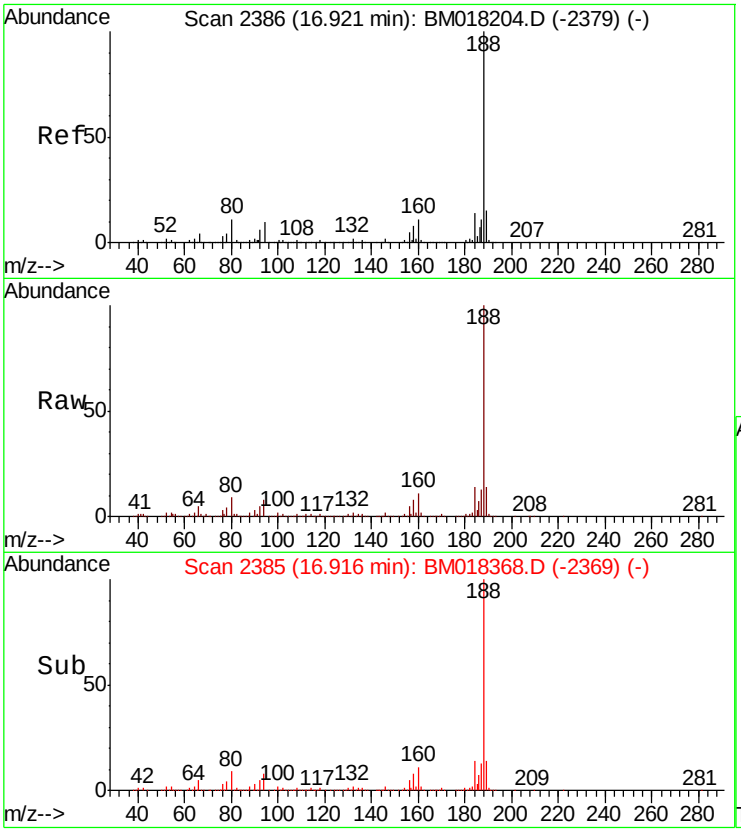


#50
Dimethylphthalate
Concen: 4.261 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:163 Resp: 89644

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	11.6	7.9	11.9



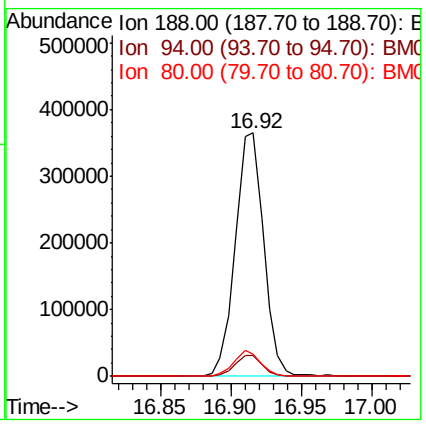


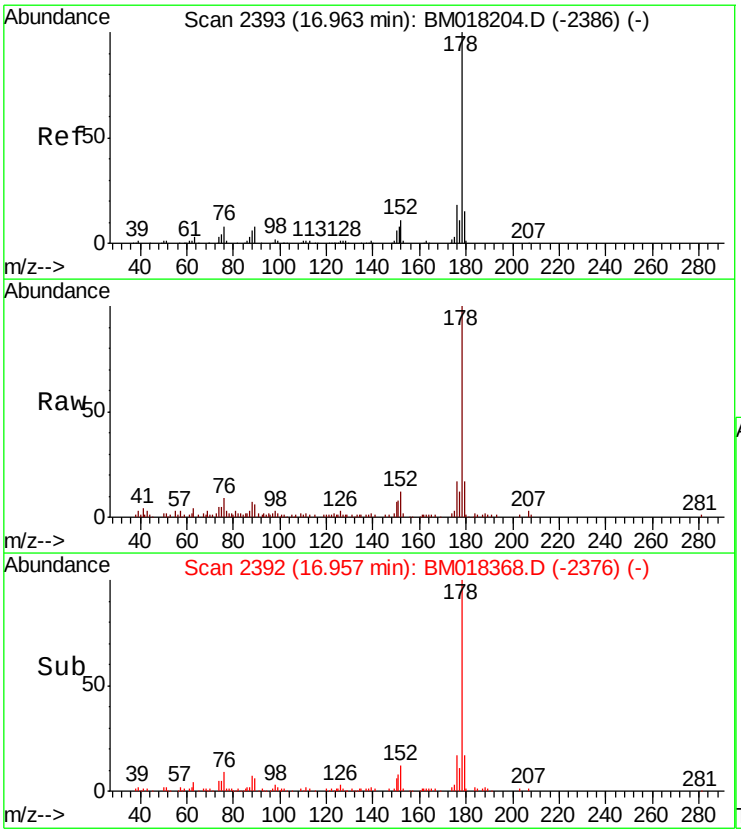
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:188 Resp: 513478

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.0	12.0
80	9.2	9.0	13.6

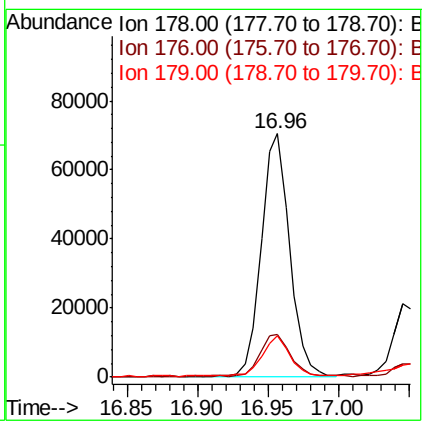


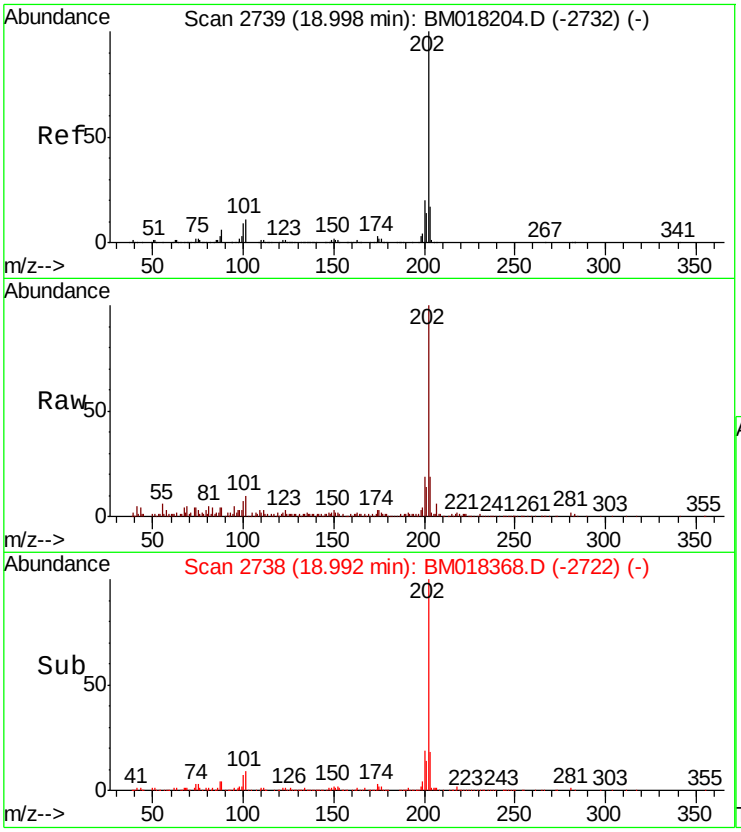


#71
Phenanthrene
Concen: 3.601 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:178 Resp: 100428

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.7	22.1
179	16.8	12.0	18.0



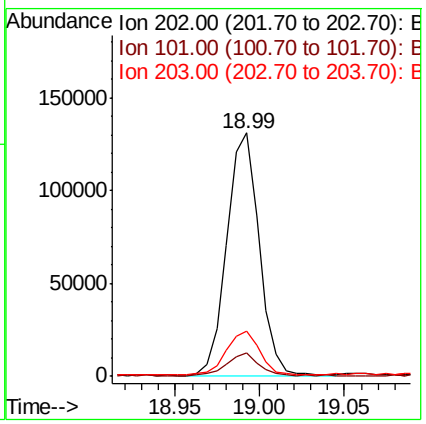


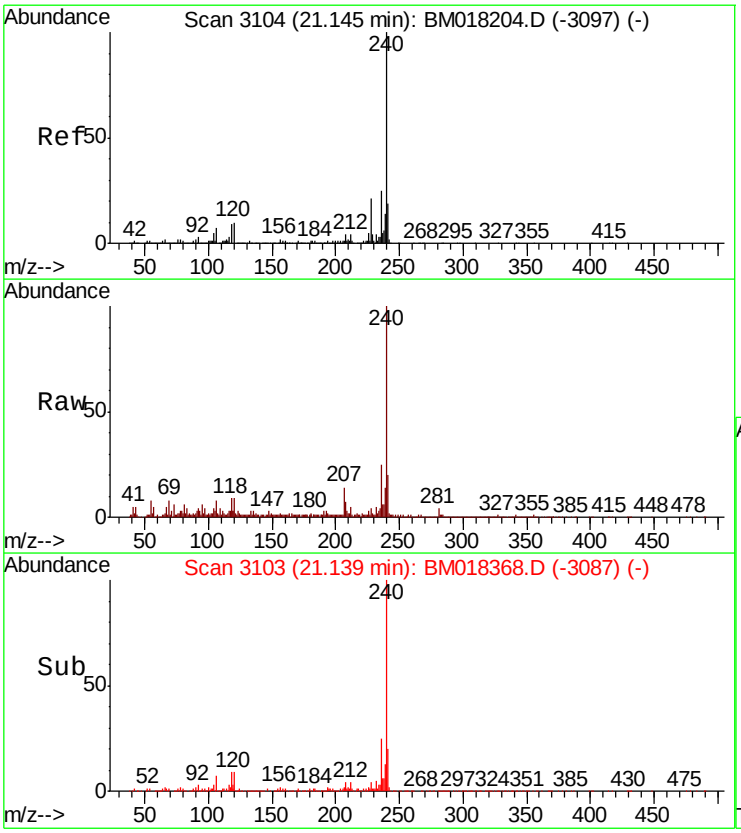
#75
Fluoranthene
Concen: 5.437 ng
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:202 Resp: 176315

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.5
203	18.8	0.0	37.5

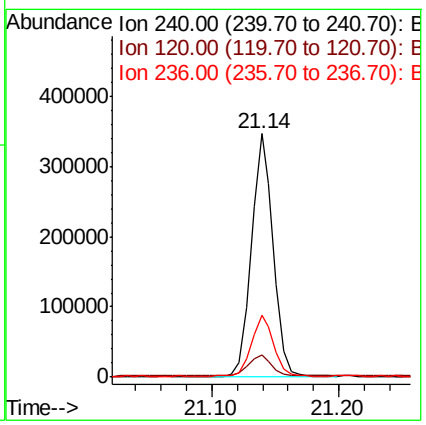


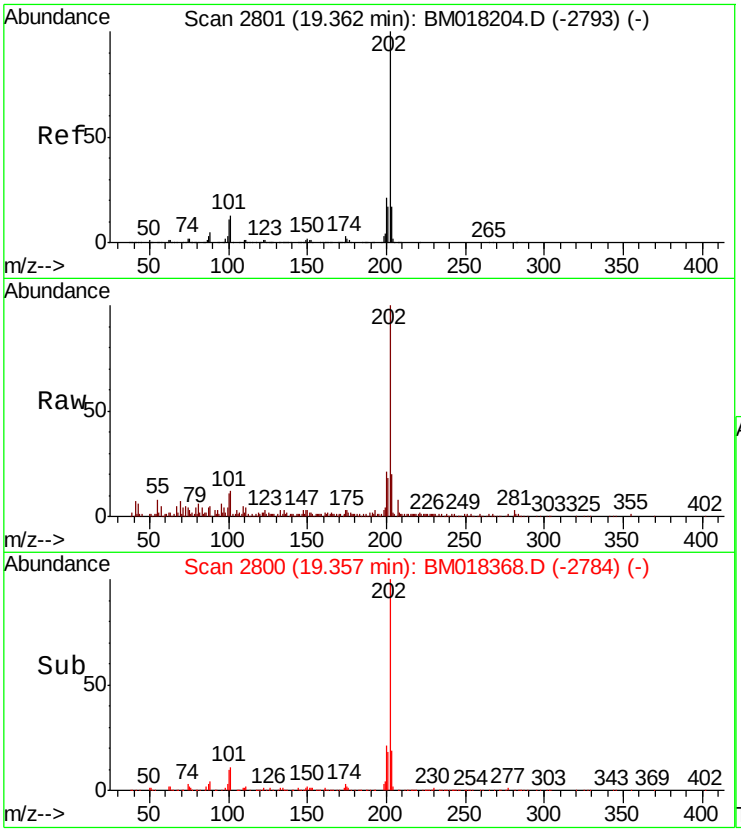


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:240 Resp: 411937

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	25.5	20.3	30.5



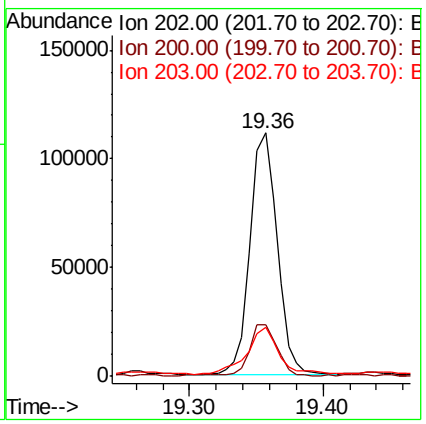


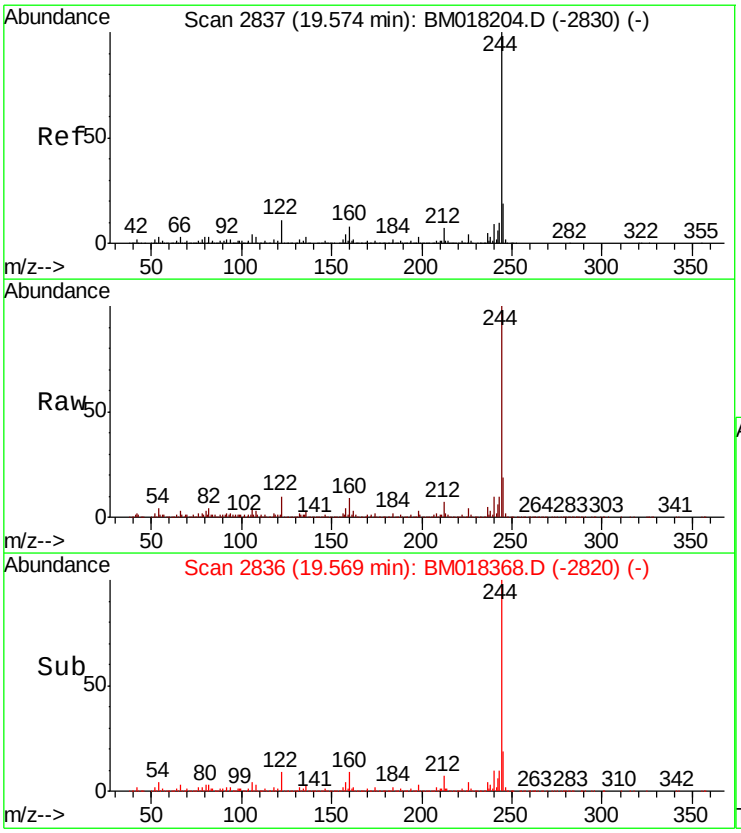
#78
Pyrene
Concen: 6.404 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:202 Resp: 157191

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.5	24.7
203	20.0	14.0	21.0

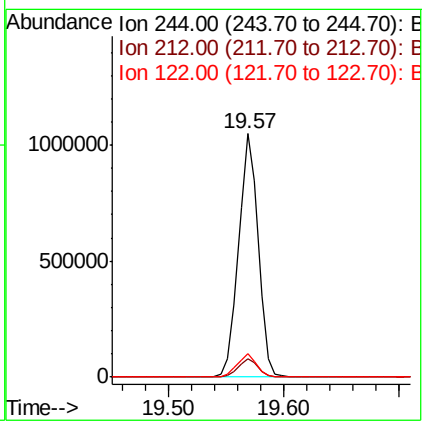


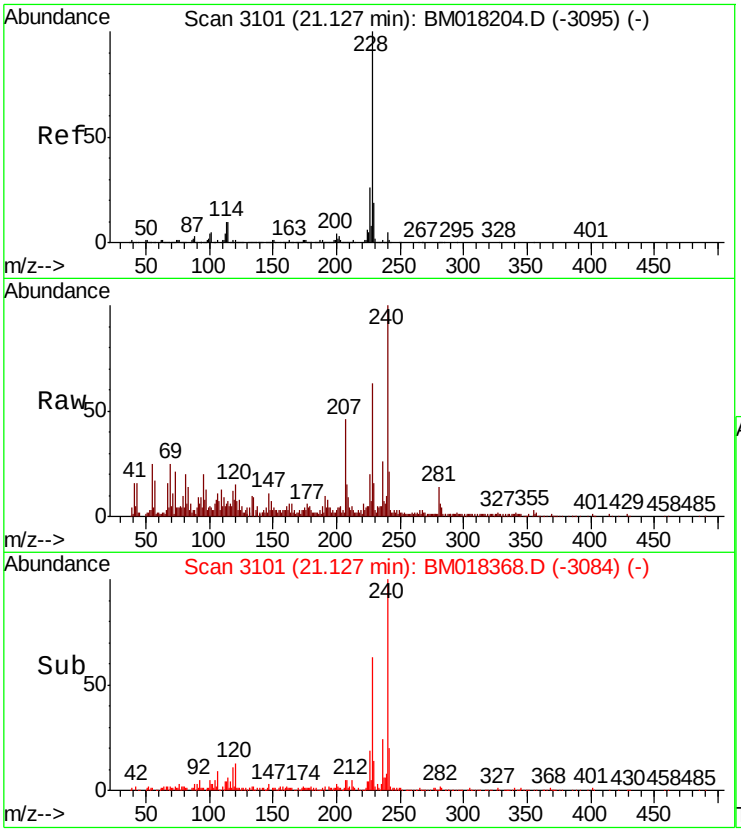


#79
Terphenyl-d14
Concen: 67.684 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:244 Resp: 1232791

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.6	9.0	13.6



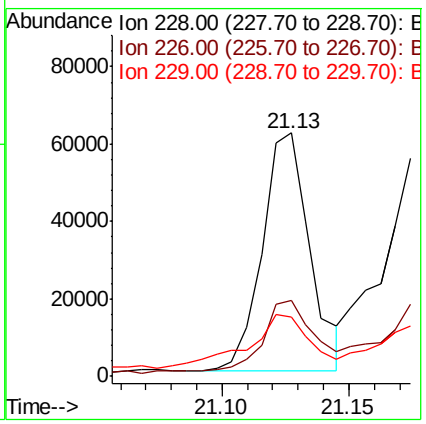


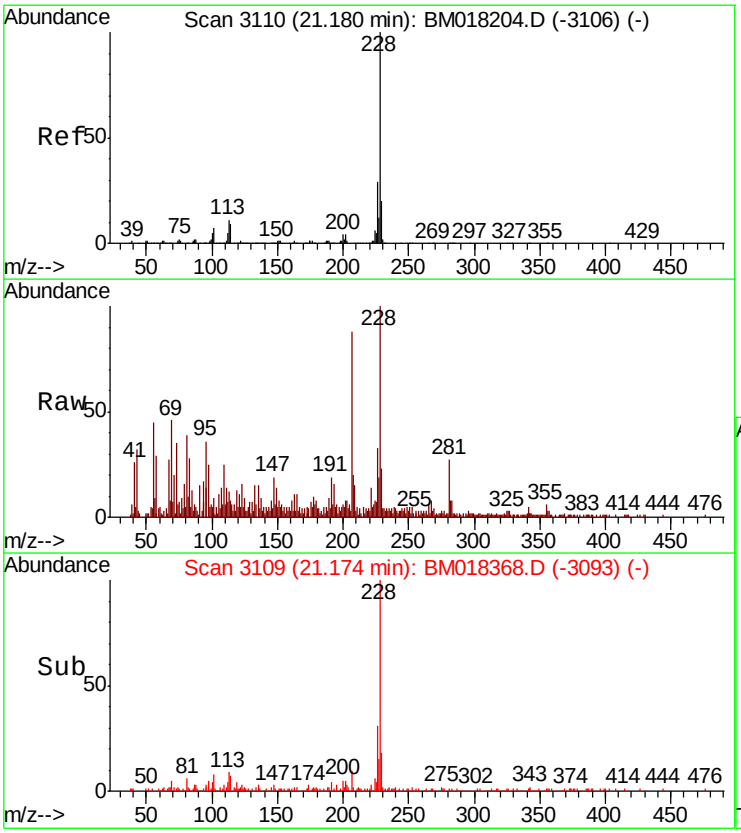
#81
Benzo(a)anthracene
Concen: 3.354 ng
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:228 Resp: 80712

Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.0	31.4
229	24.5	15.5	23.3#

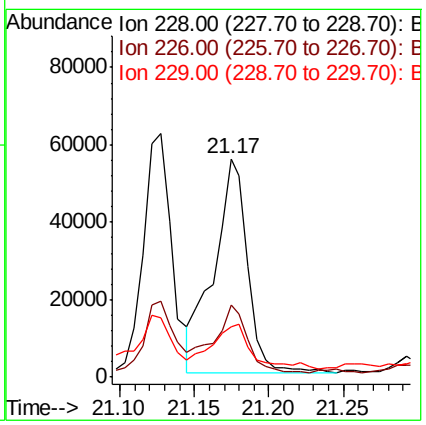


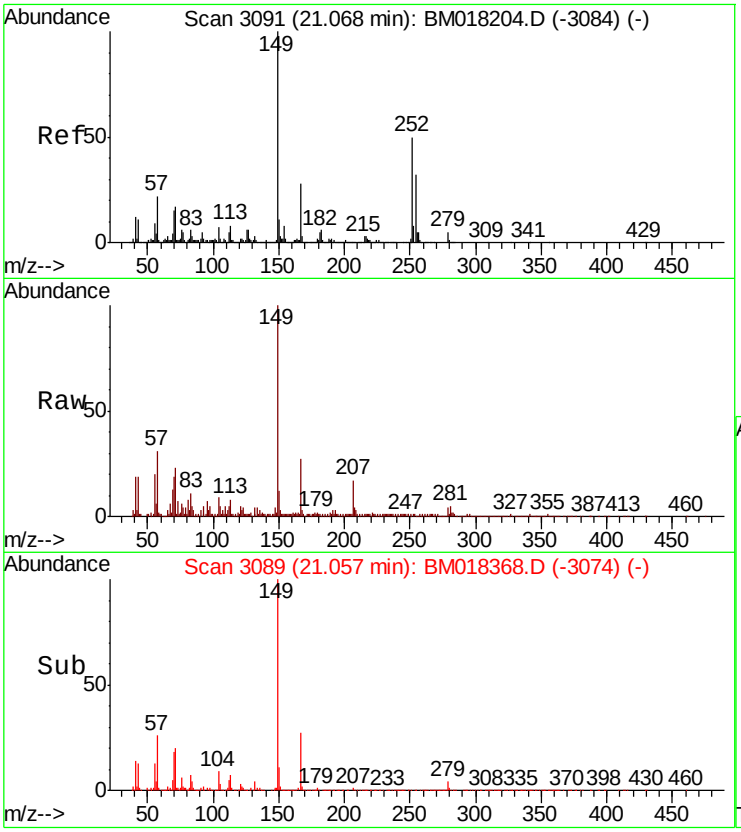


#83
Chrysene
Concen: 3.789 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:228 Resp: 87707

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.1	34.7
229	22.9	15.8	23.6



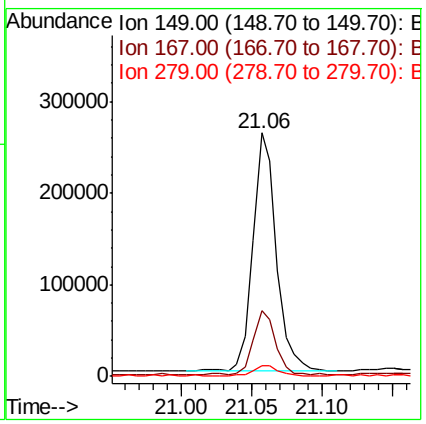


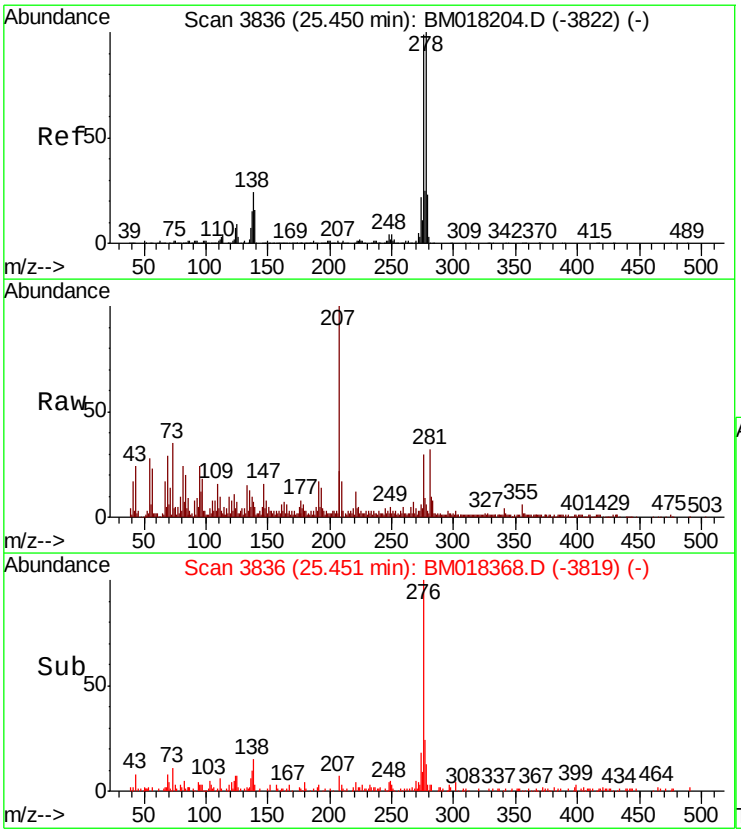
#84
Bis(2-ethylhexyl)phthalate
Concen: 17.570 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:149 Resp: 305774

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.7	34.1
279	4.2	3.9	5.9

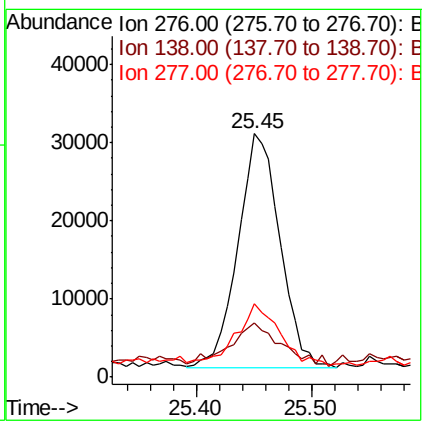


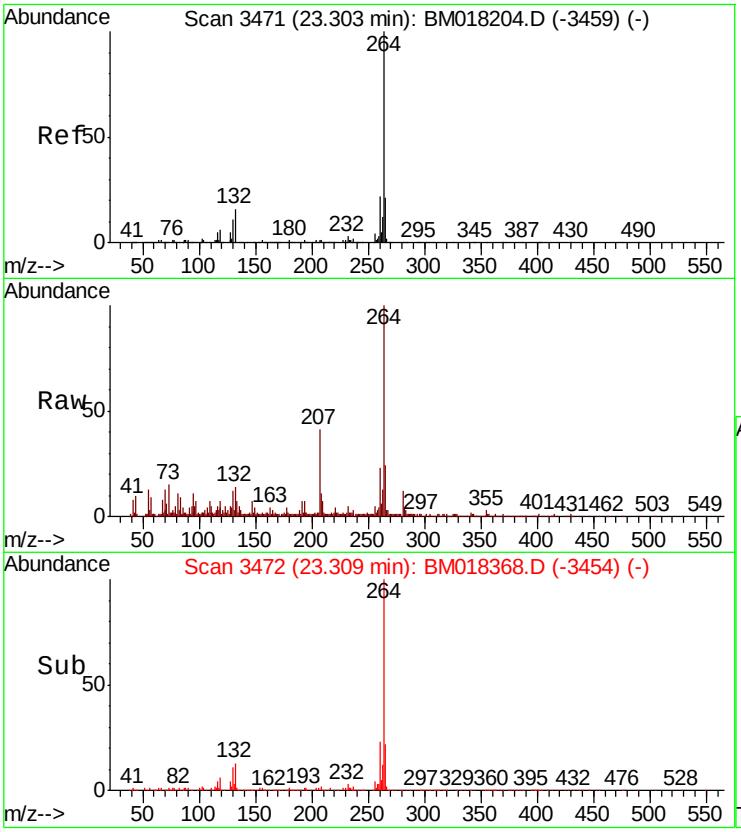


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.288 ng
RT: 25.45 min Scan# 3836
Delta R.T. 0.00 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:276 Resp: 75799

Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.6	28.0
277	26.4	20.3	30.5



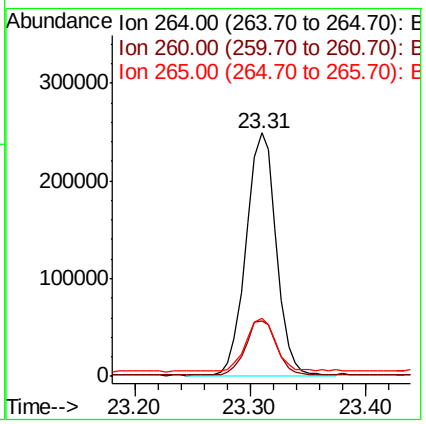


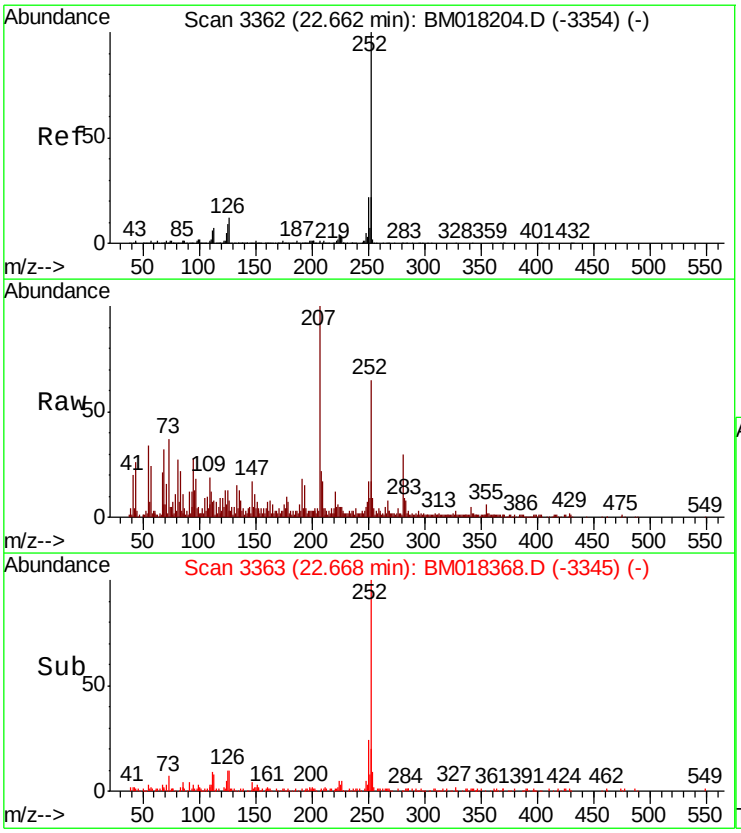
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:264 Resp: 451103

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.5	26.3
265	24.0	17.3	25.9

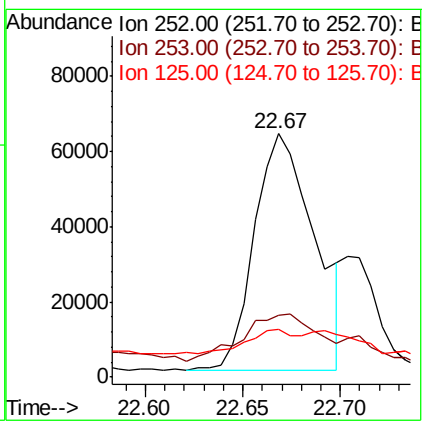


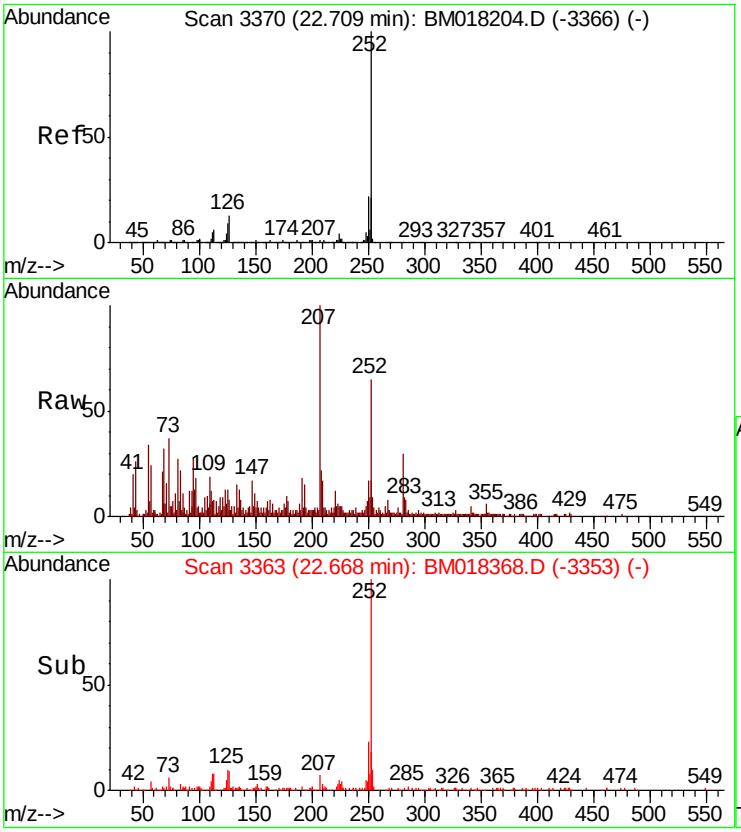


#88
Benzo(b)fluoranthene
Concen: 5.296 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:252 Resp: 134198

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	19.9	7.4	11.0#



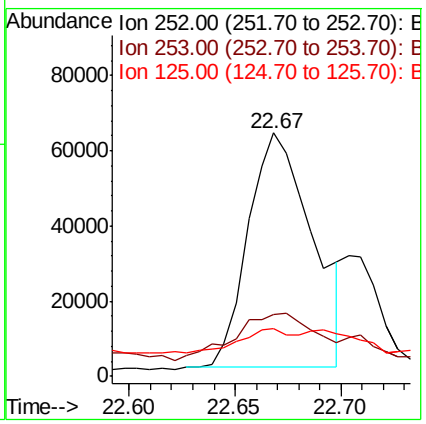


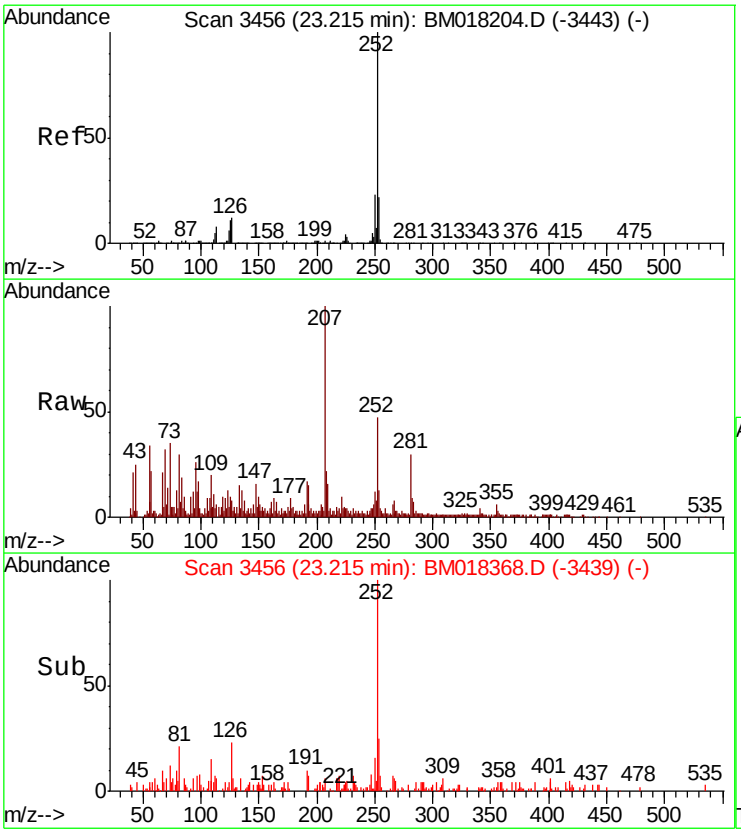
#89
Benzo(k)fluoranthene
Concen: 5.222 ng
RT: 22.67 min Scan# 3363
Delta R.T. -0.04 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:252 Resp: 131777

Ion	Ratio	Lower	Upper
252	100		
253	25.6	16.9	25.3#
125	19.9	7.5	11.3#

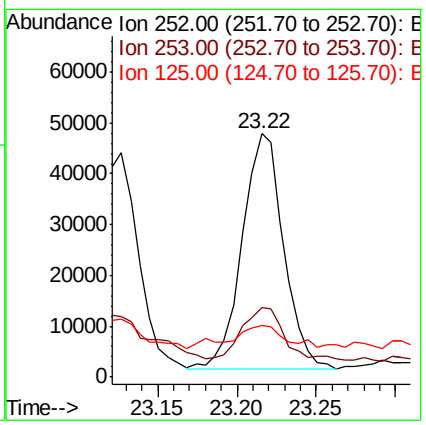


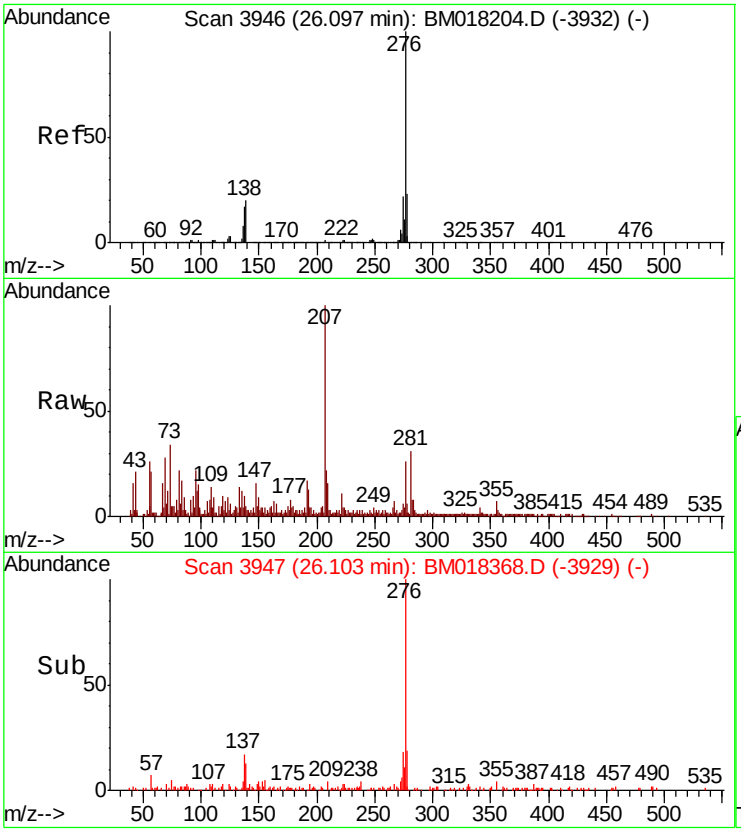


#90
Benzo(a)pyrene
Concen: 3.469 ng
RT: 23.22 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Tgt Ion:252 Resp: 83592

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.6	26.4#
125	21.5	8.6	12.8#





#92
Benzo(g,h,i)perylene
Concen: 3.608 ng
RT: 26.10 min Scan# 3947
Delta R.T. 0.01 min
Lab File: BM018368.D
Acq: 21 Dec 2018 21:52

Instrument :
BNA_M
ClientSampleId :
SB-07A

Tgt Ion:276 Resp: 76136

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	19.3	15.8	23.8