Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
Data File : BM018309.D
Acq On : 19 Dec 2018 22:48
Operator : JU/SJ
Sample : J6378-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS002-0006-01

Quant Time: Dec 20 01:09:06 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	118079	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	427237	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	205012	20.00	ng		-0.02
64) Phenanthrene-d10	16.90	188	412103	20.00	ng		-0.02
76) Chrysene-d12	21.13	240	491795	20.00	ng		-0.02
87) Perylene-d12	23.29	264	584190	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	776600	109.87	ng		0.00
7) Phenol-d6	6.69	99	1000635	101.85	ng		-0.02
23) Nitrobenzene-d5	8.64	82	642925	77.19	ng		-0.02
42) 2,4,6-Tribromophenol	15.65	330	284551	94.57	ng		-0.02
45) 2-Fluorobiphenyl	12.75	172	954540	60.31	ng		-0.02
79) Terphenyl-d14	19.56	244	960666	44.18	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.71	94	63734	6.125	ng		83
50) Dimethylphthalate	13.62	163	79952	4.691	ng		99
83) Chrysene	21.16	228	62902	2.276	ng		96
86) Indeno(1,2,3-cd)pyrene	25.40	276	99534	3.616	ng	#	94
88) Benzo(b)fluoranthene	22.65	252	161736	4.929	ng		95
89) Benzo(k)fluoranthene	22.65	252	160789	4.920	ng		93
90) Benzo(a)pyrene	23.19	252	95320	3.054	ng		95
92) Benzo(g,h,i)perylene	26.06	276	96397	3.527	ng		93

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

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QLast Update : Sat Dec 15 21:39:37 2018
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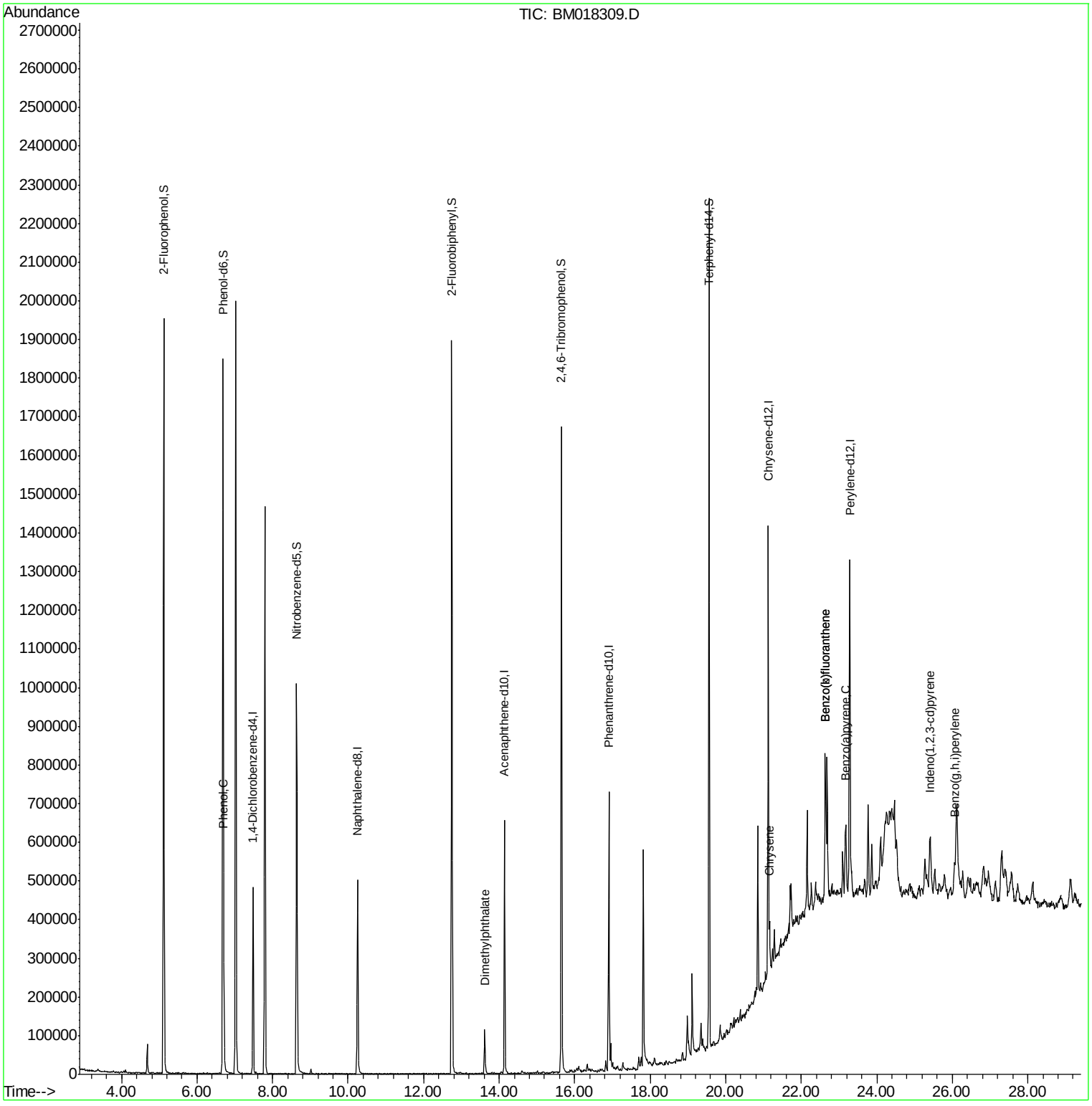
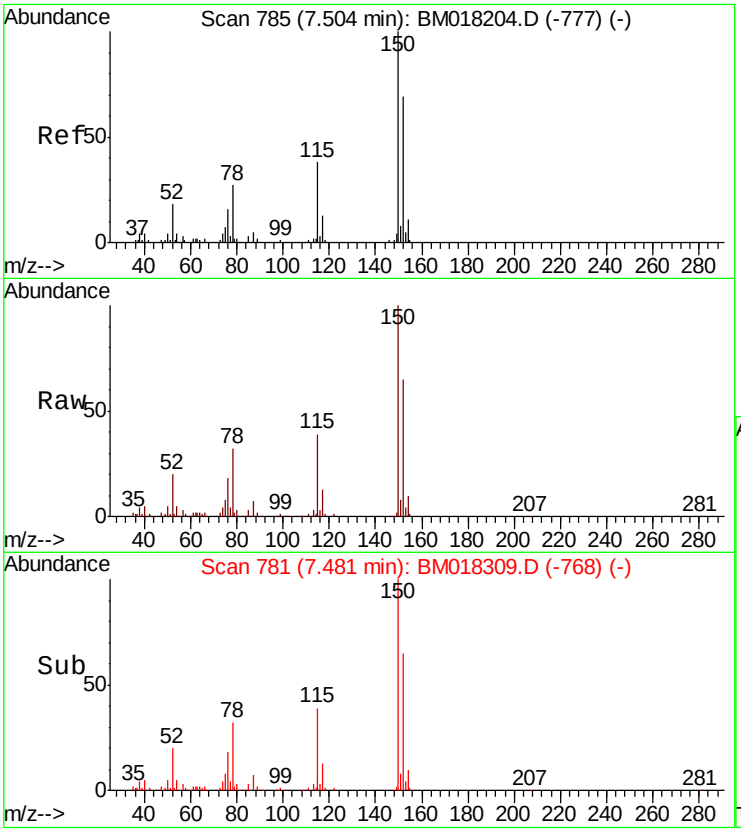


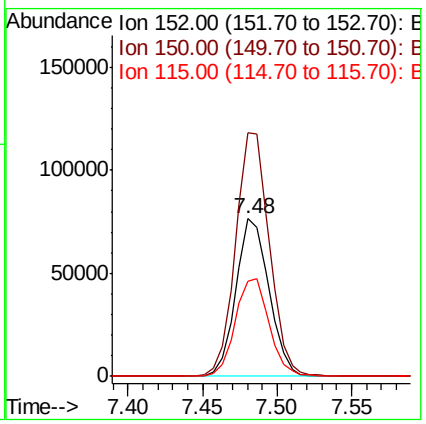


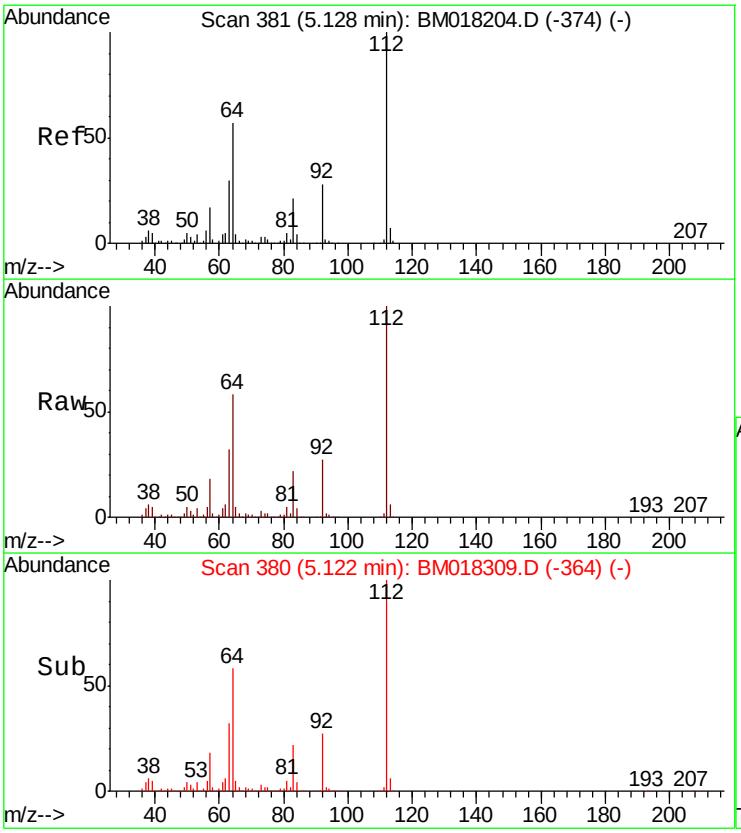
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:152 Resp: 118079

Ion	Ratio	Lower	Upper
152	100		
150	154.7	116.1	174.1
115	60.2	44.6	67.0

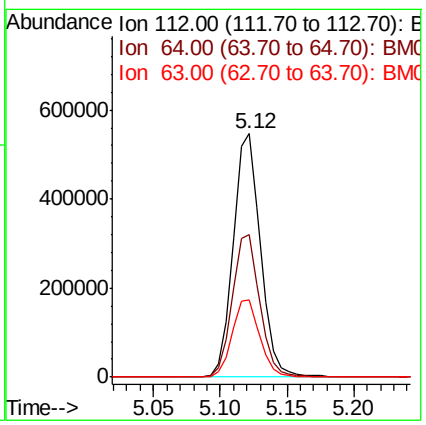


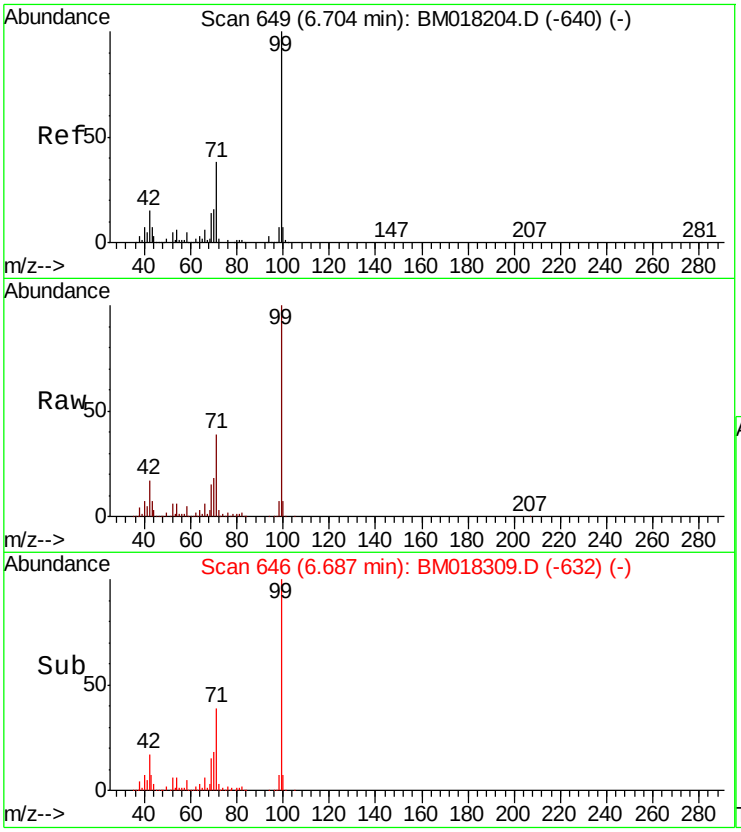


#5
2-Fluorophenol
Concen: 109.867 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:112 Resp: 776600

Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.4	68.2
63	31.9	24.0	36.0



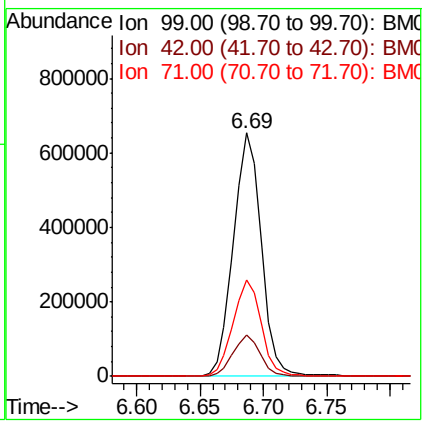


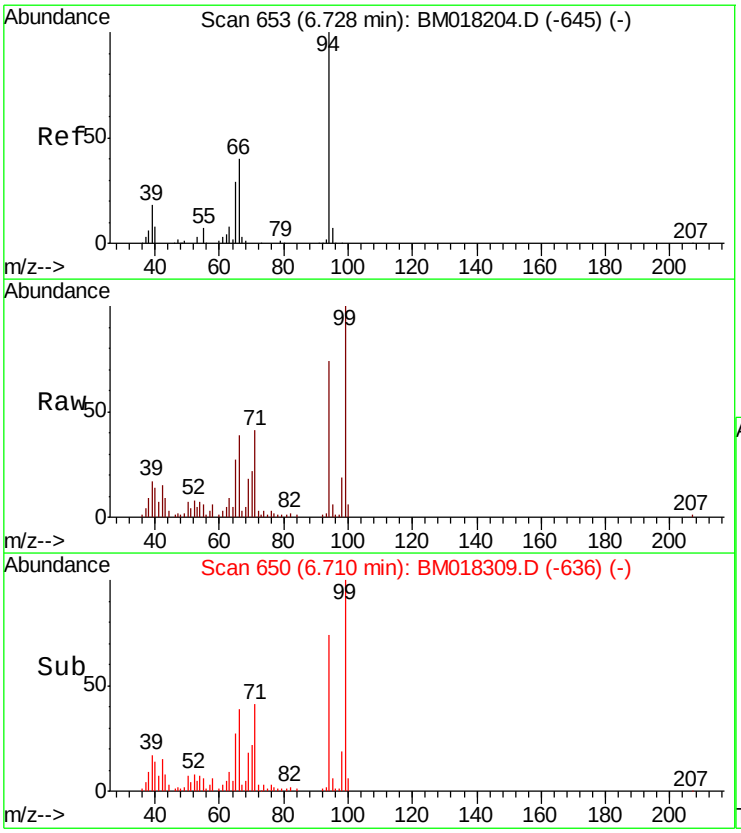
#7
Phenol-d6
Concen: 101.849 ng
RT: 6.69 min Scan# 646
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion: 99 Resp: 1000635

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.3	18.5
71	39.3	30.2	45.2

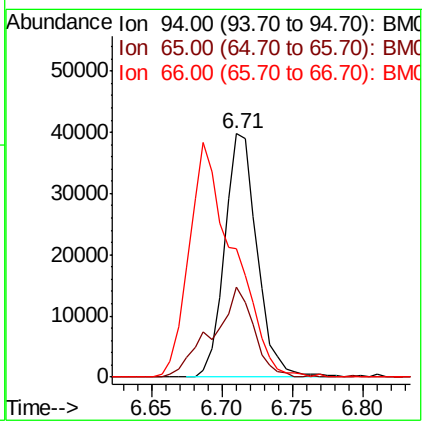


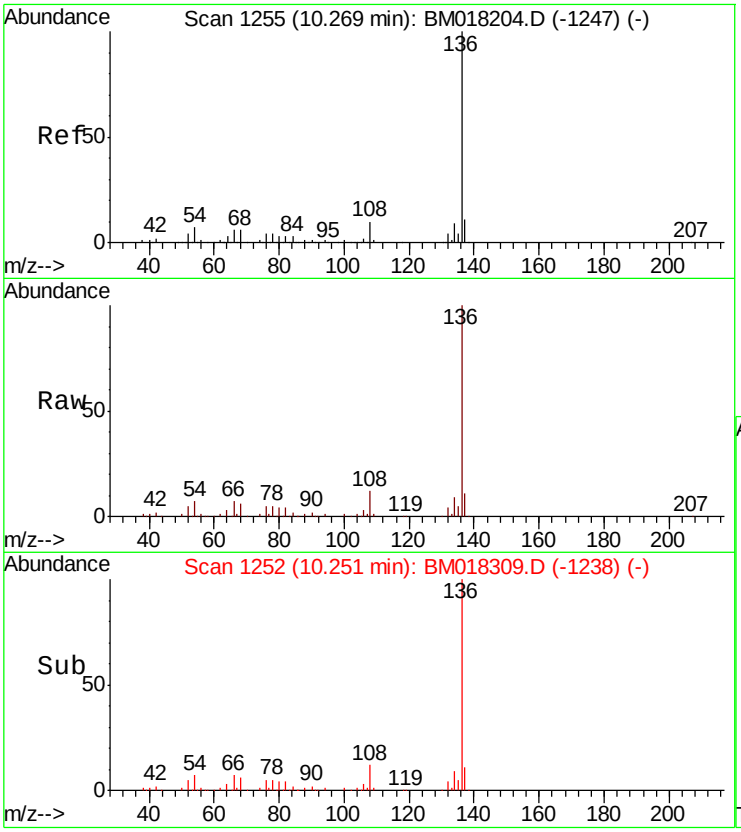


#10
Phenol
Concen: 6.125 ng
RT: 6.71 min Scan# 650
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion: 94 Resp: 63734

Ion	Ratio	Lower	Upper
94	100		
65	37.2	9.5	49.5
66	52.8	21.3	61.3



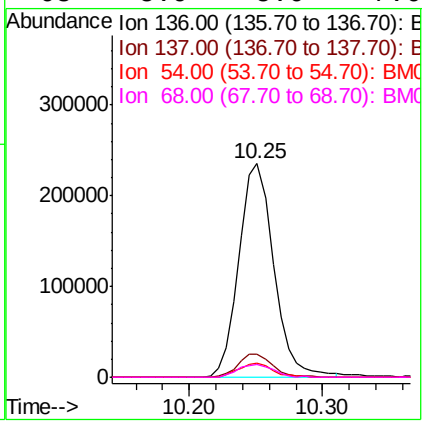


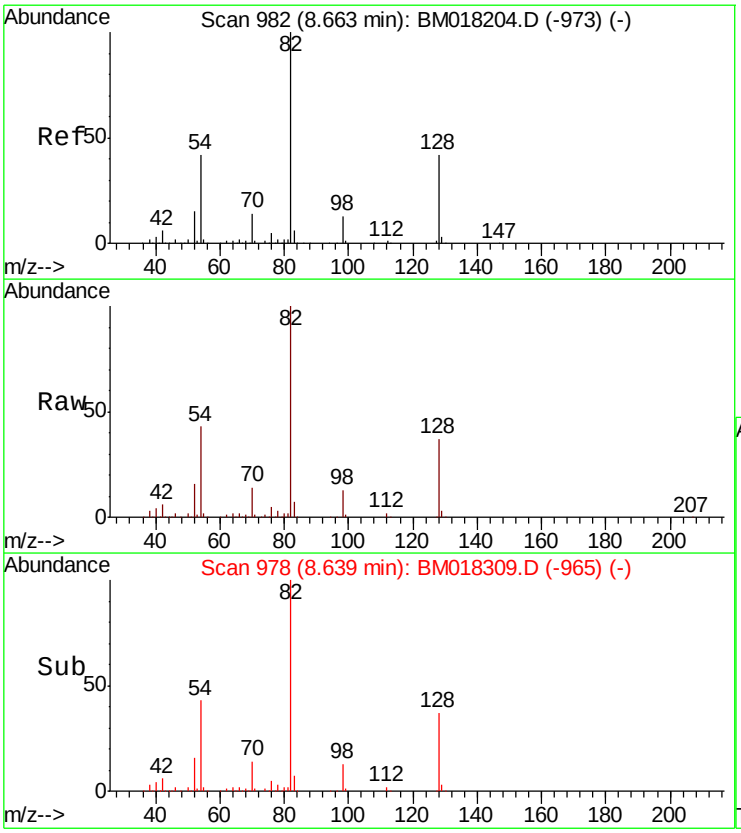
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:136 Resp: 427237

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.8	5.2	7.8
68	5.9	5.0	7.6

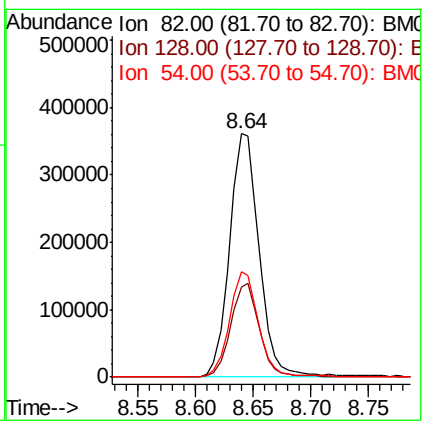


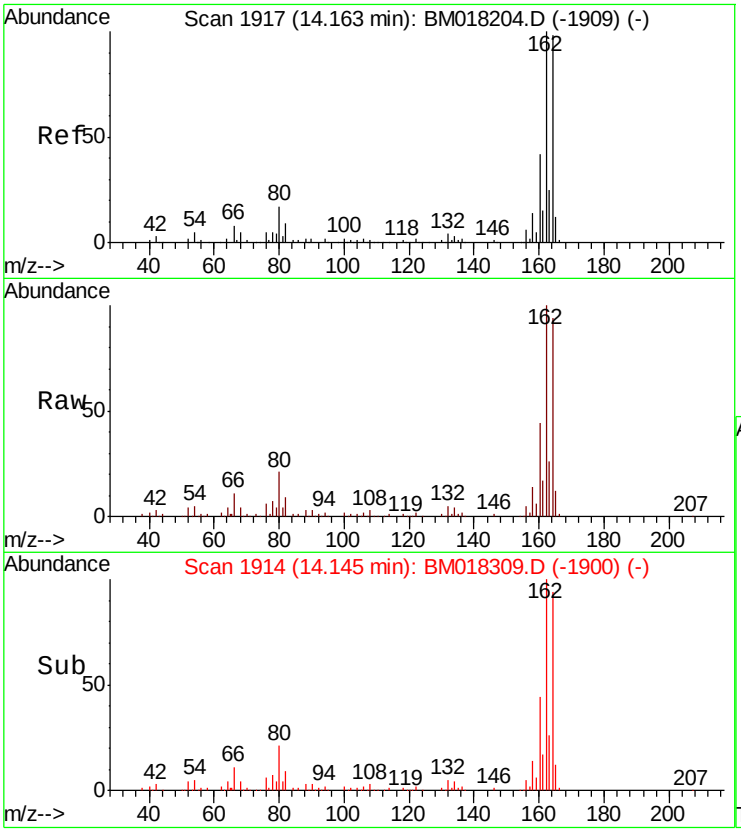


#23
Nitrobenzene-d5
Concen: 77.189 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion: 82 Resp: 642925

Ion	Ratio	Lower	Upper
82	100		
128	36.9	33.4	50.2
54	43.2	33.4	50.2



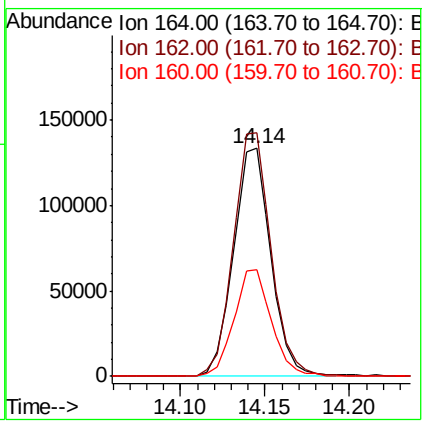


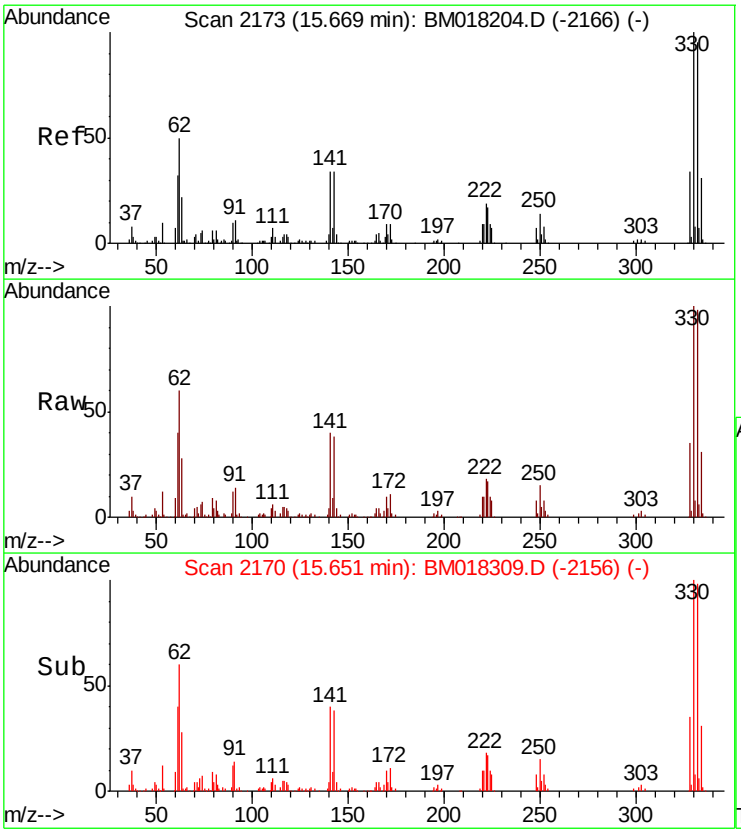
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:164 Resp: 205012

Ion	Ratio	Lower	Upper
164	100		
162	106.7	81.8	122.6
160	46.6	34.6	51.8

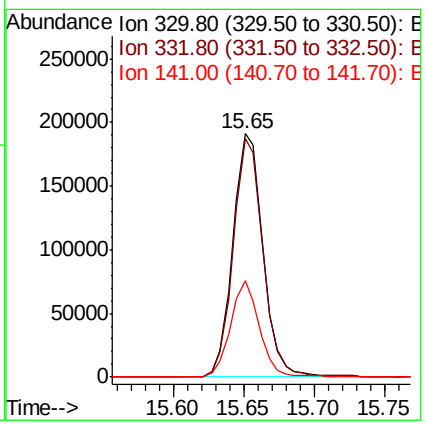


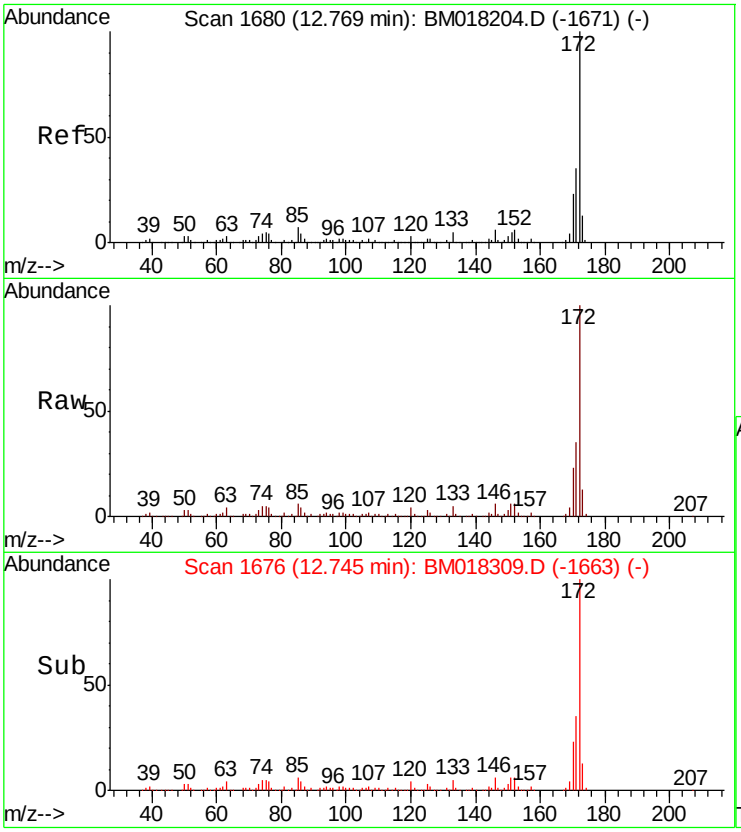


#42
2,4,6-Tribromophenol
Concen: 94.566 ng
RT: 15.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:330 Resp: 284551

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	118.0
141	38.0	27.1	40.7



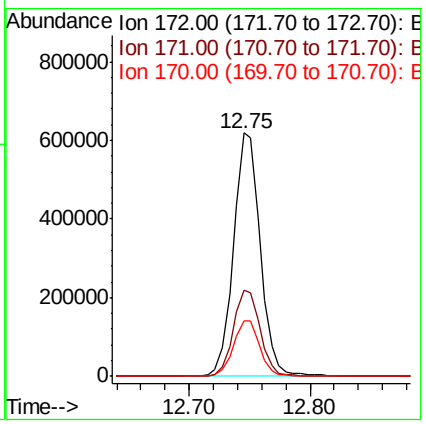


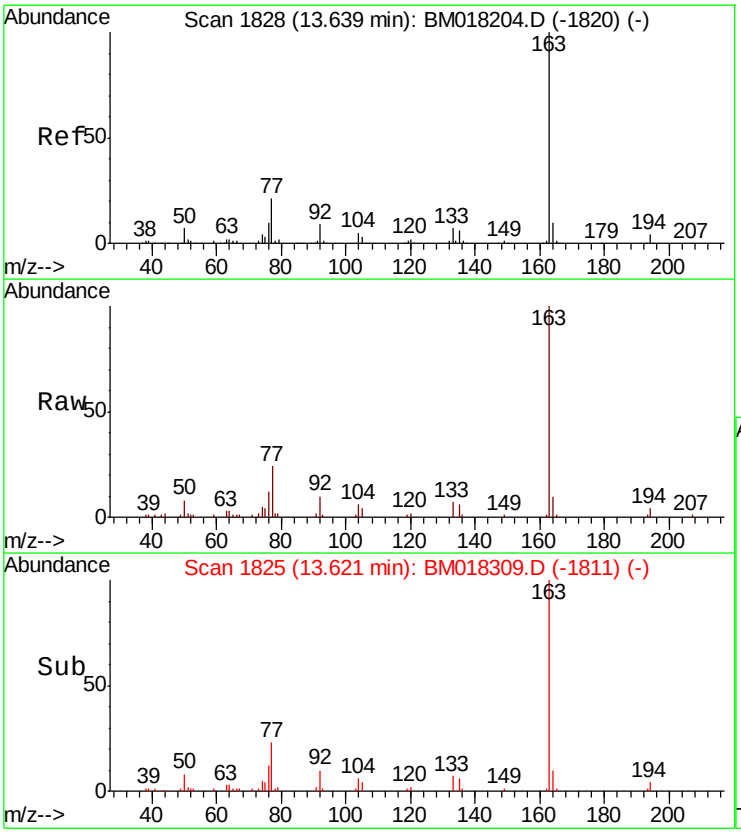
#45
2-Fluorobiphenyl
Concen: 60.306 ng
RT: 12.75 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:172 Resp: 954540

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	22.6	18.1	27.1

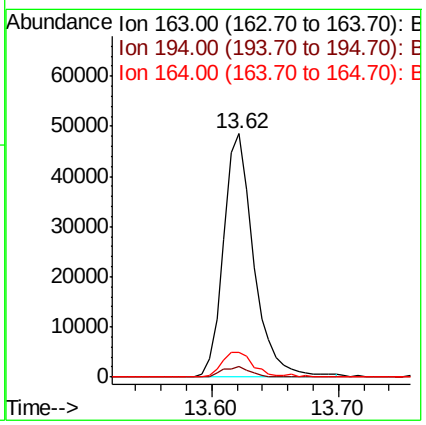


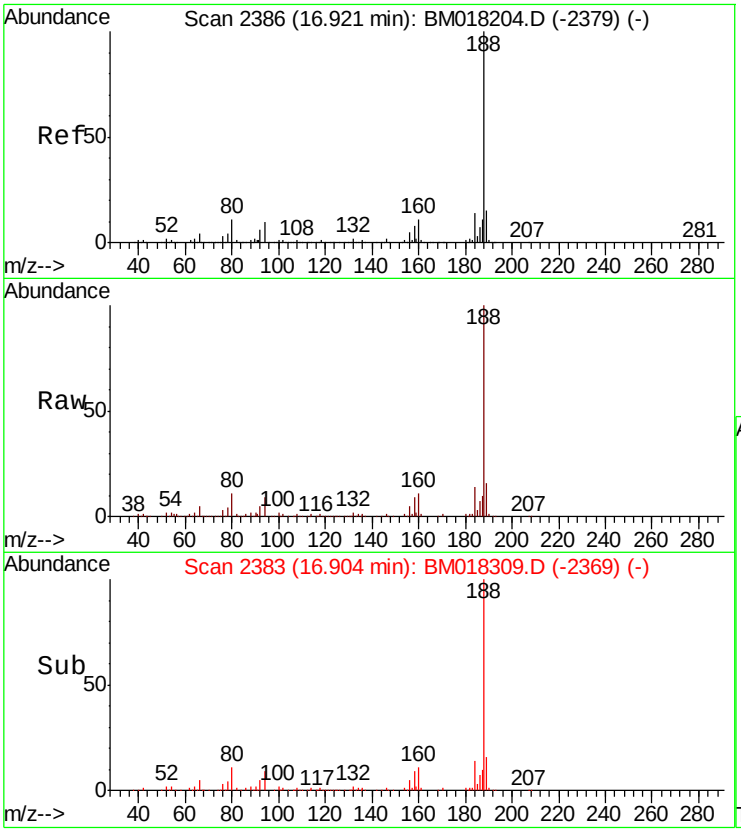


#50
Dimethylphthalate
Concen: 4.691 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:163 Resp: 79952

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.1	7.9	11.9



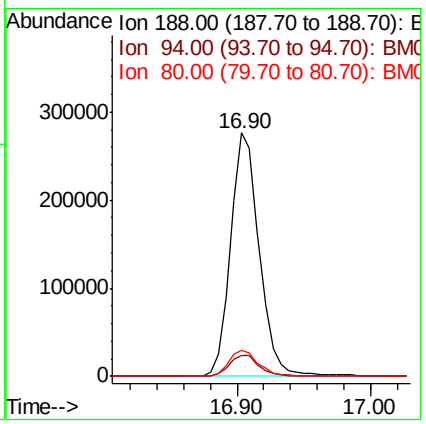


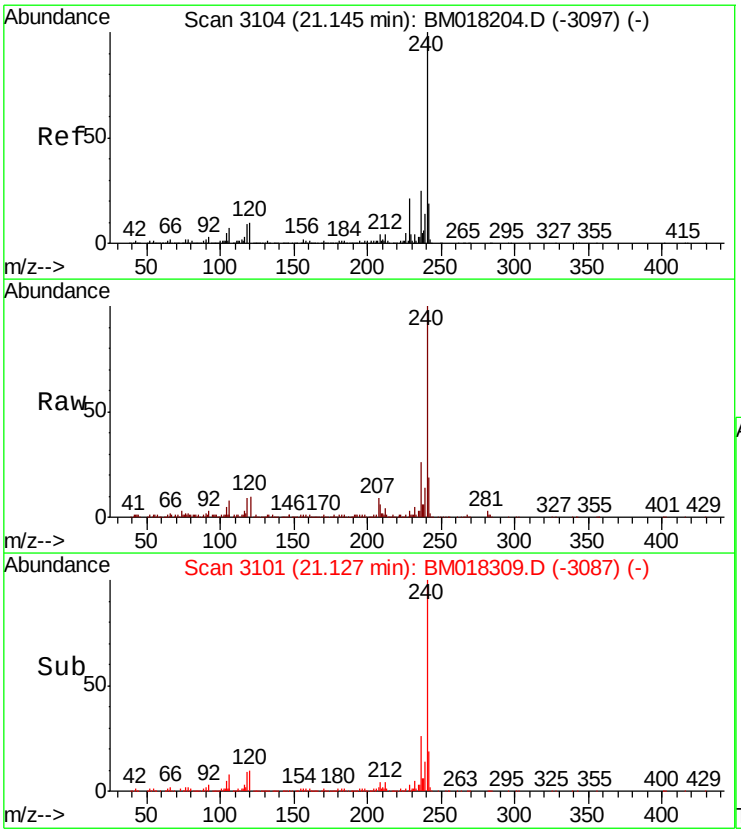
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:188 Resp: 412103

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	10.9	9.0	13.6

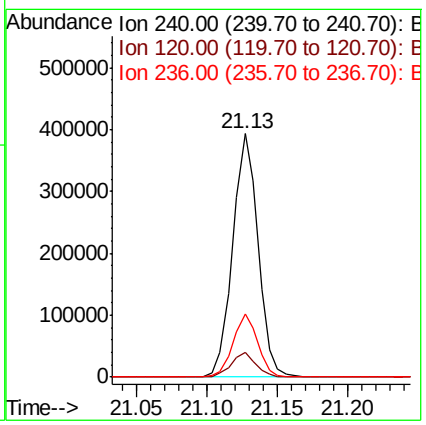


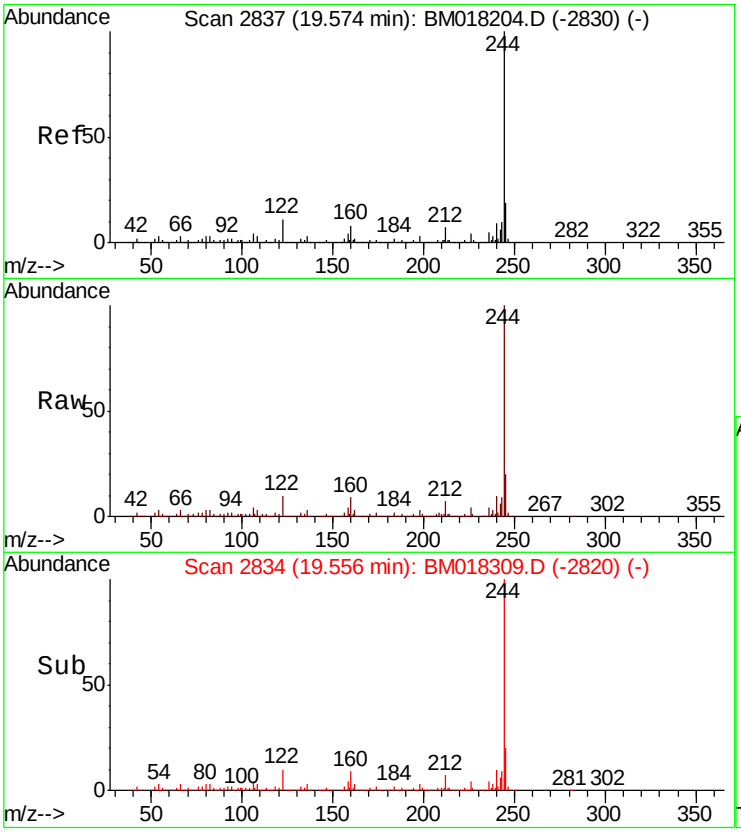


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:240 Resp: 491795

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	26.0	20.3	30.5



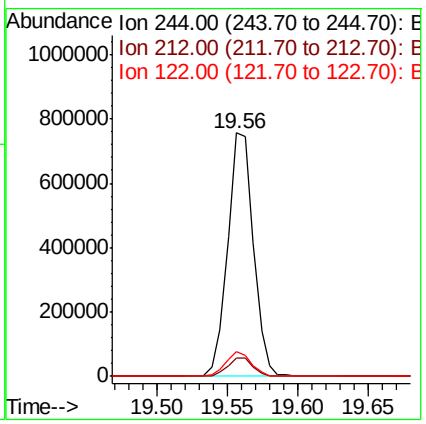


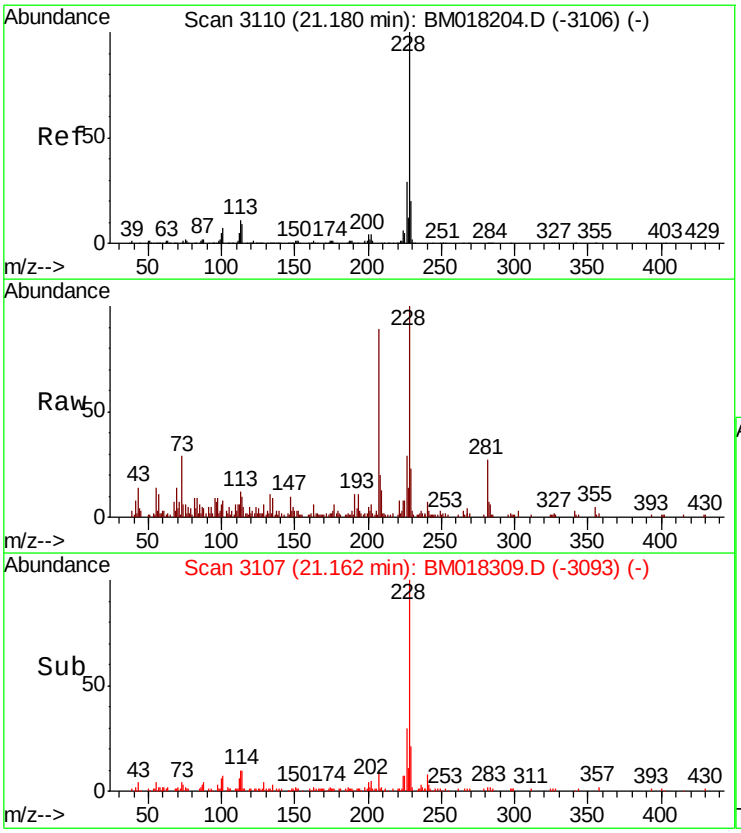
#79
Terphenyl-d14
Concen: 44.179 ng
RT: 19.56 min Scan# 2834
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:244 Resp: 960666

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.4	9.0	13.6

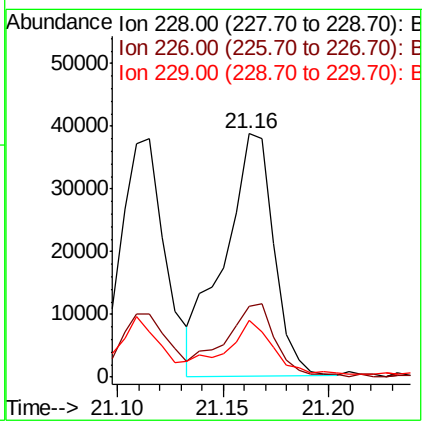


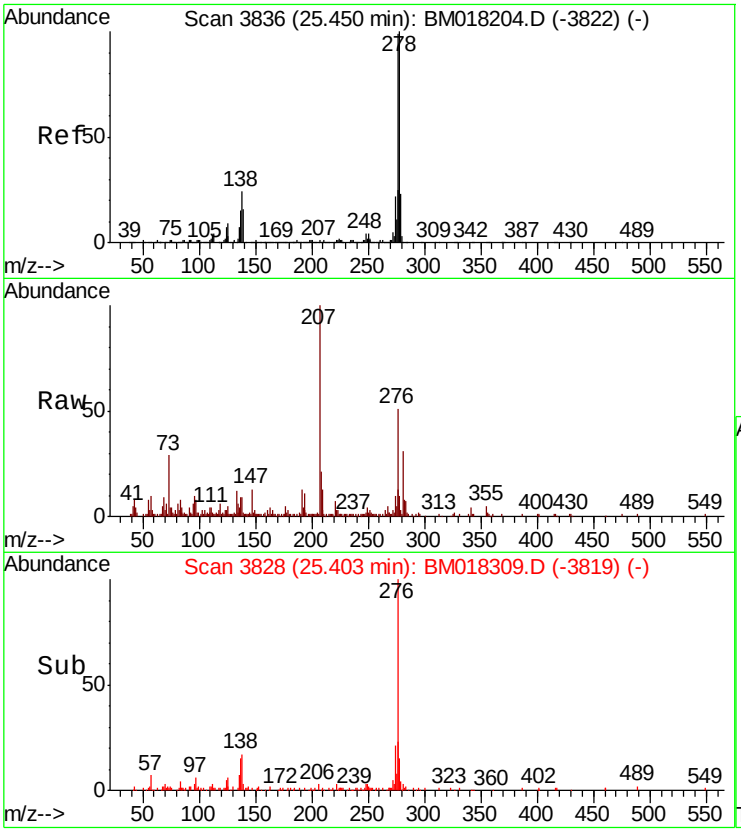


#83
Chrysene
Concen: 2.276 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:228 Resp: 62902

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	23.5	15.8	23.6



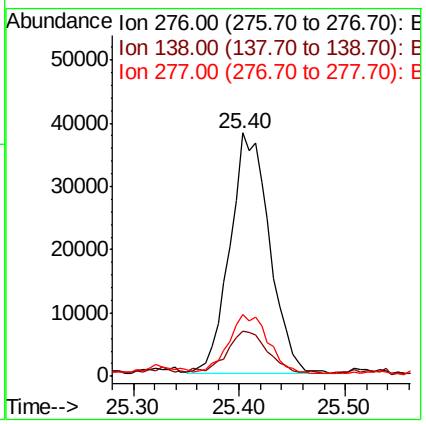


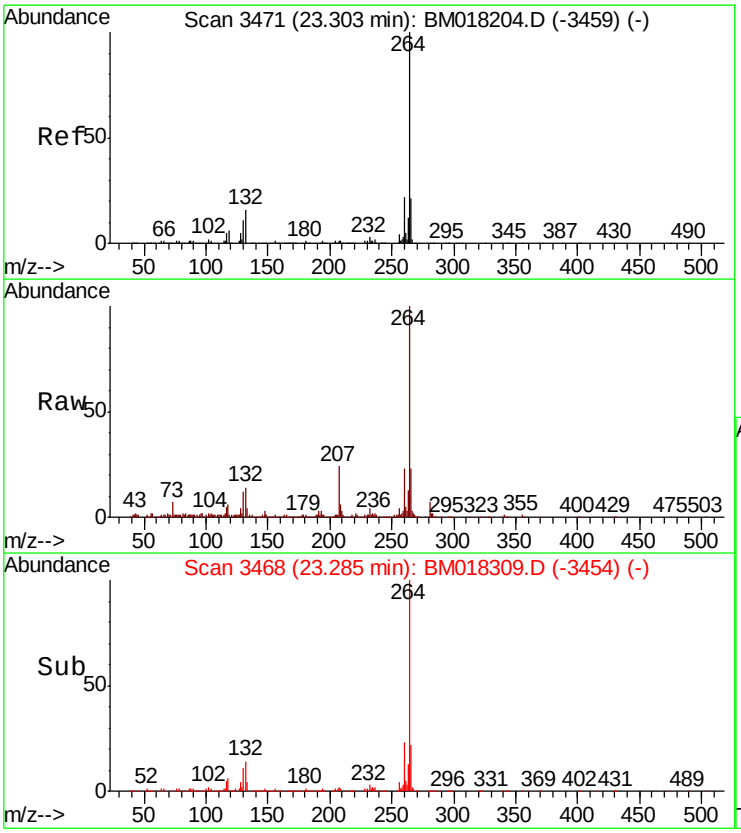
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.616 ng
RT: 25.40 min Scan# 3828
Delta R.T. -0.05 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:276 Resp: 99534

Ion	Ratio	Lower	Upper
276	100		
138	17.4	18.6	28.0#
277	24.8	20.3	30.5

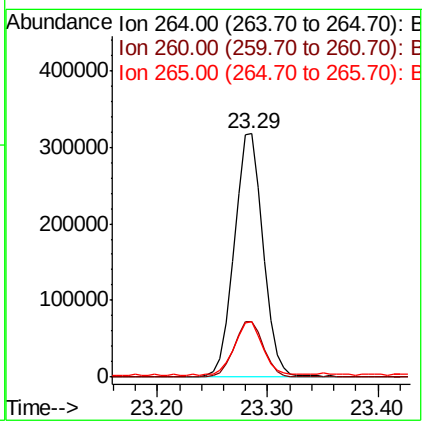


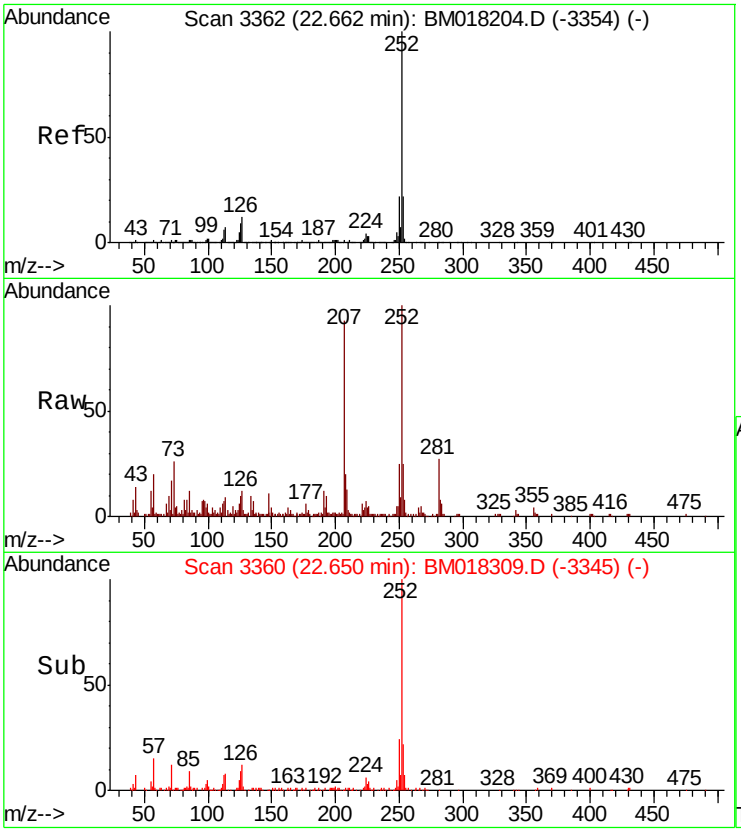


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:264 Resp: 584190

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.5	26.3
265	22.8	17.3	25.9



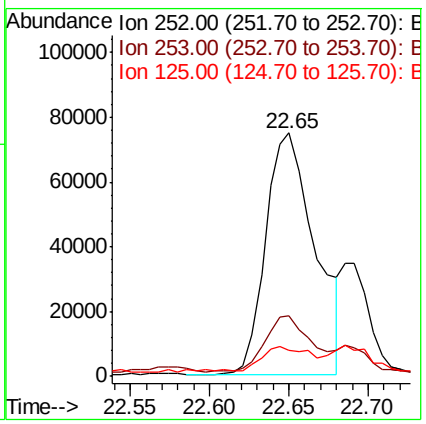


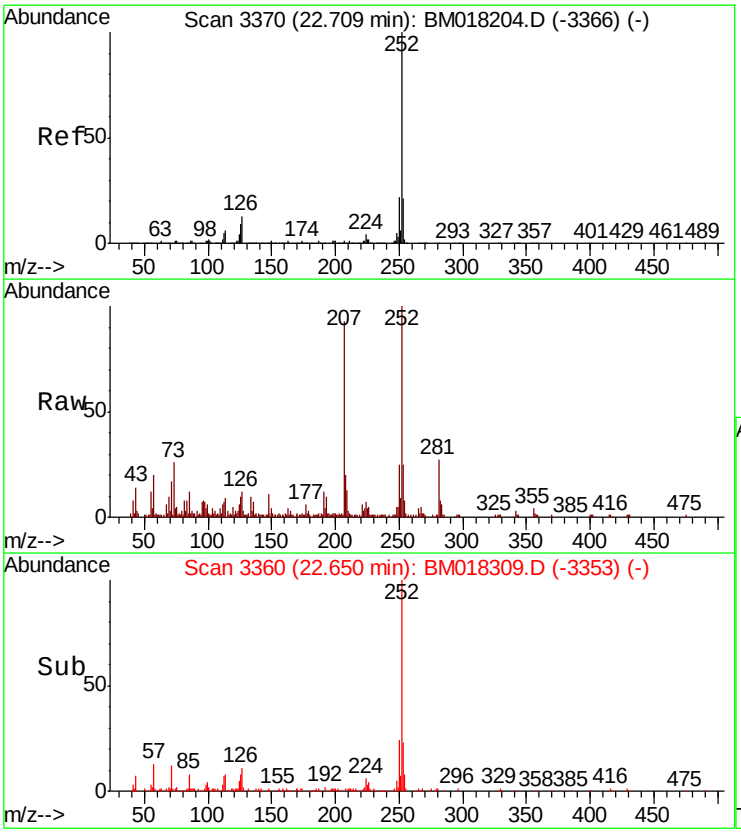
#88
Benzo(b)fluoranthene
Concen: 4.929 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:252 Resp: 161736

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.6	26.4
125	10.5	7.4	11.0

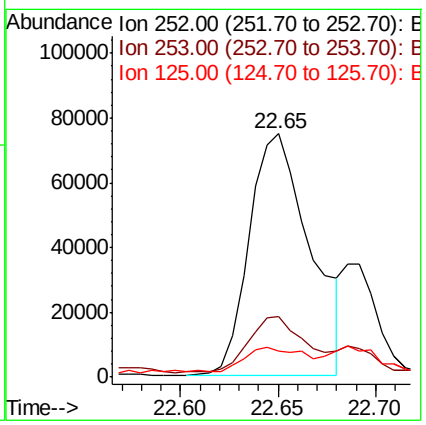


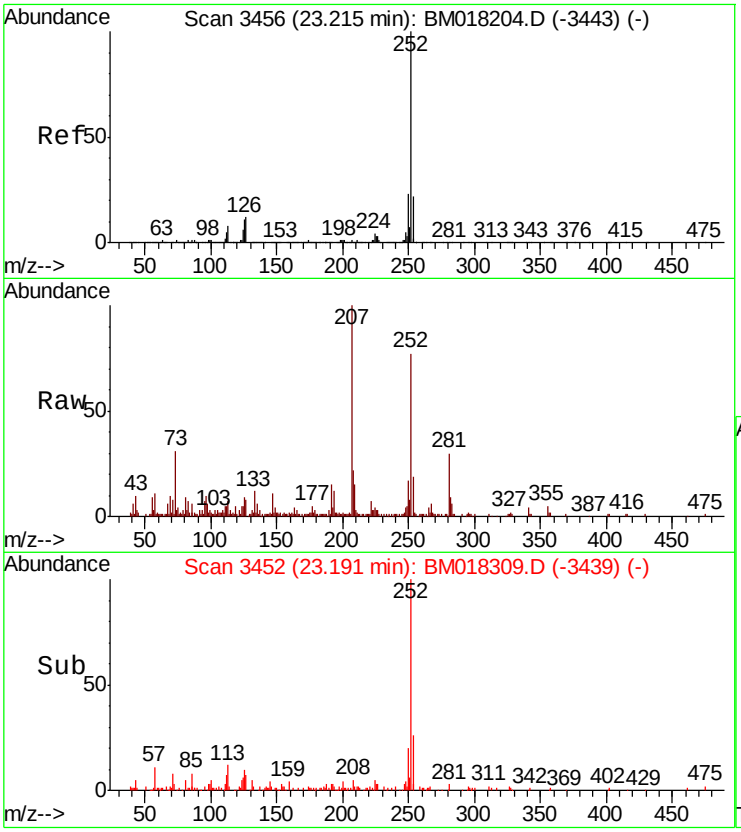


#89
Benzo(k)fluoranthene
Concen: 4.920 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.06 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:252 Resp: 160789

Ion	Ratio	Lower	Upper
252	100		
253	25.0	16.9	25.3
125	10.5	7.5	11.3



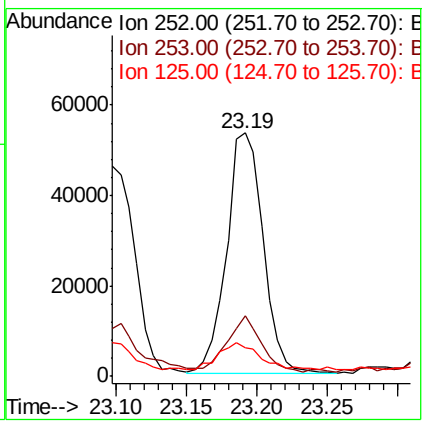


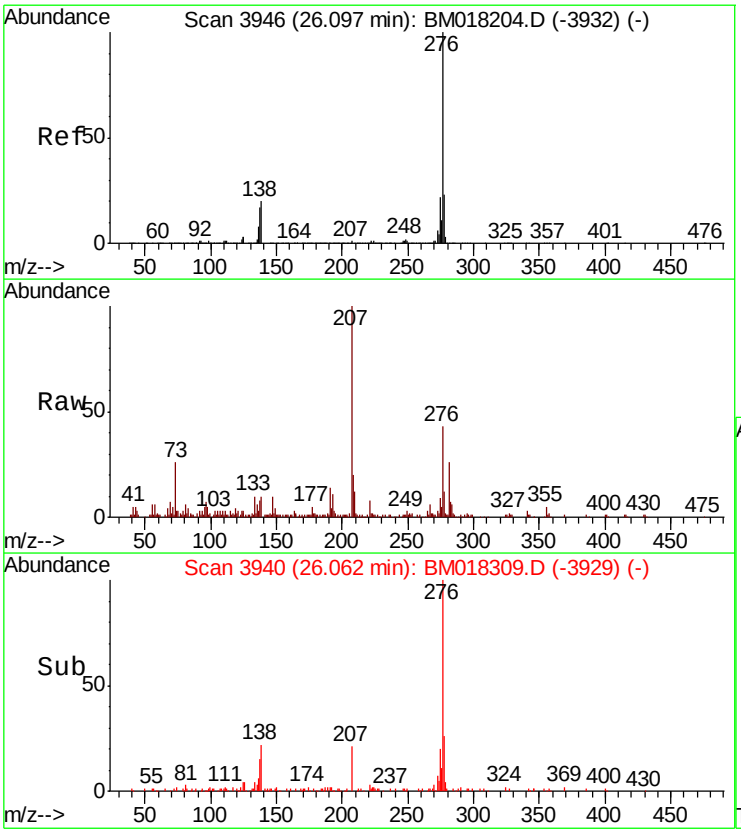
#90
Benzo(a)pyrene
Concen: 3.054 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:252 Resp: 95320

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.6	26.4
125	11.6	8.6	12.8





#92
Benzo(g,h,i)perylene
Concen: 3.527 ng
RT: 26.06 min Scan# 3940
Delta R.T. -0.04 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:276 Resp: 96397

Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.7	28.1
138	22.5	15.8	23.8