Quantitation Report (QT/LSC 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 02:47:06 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
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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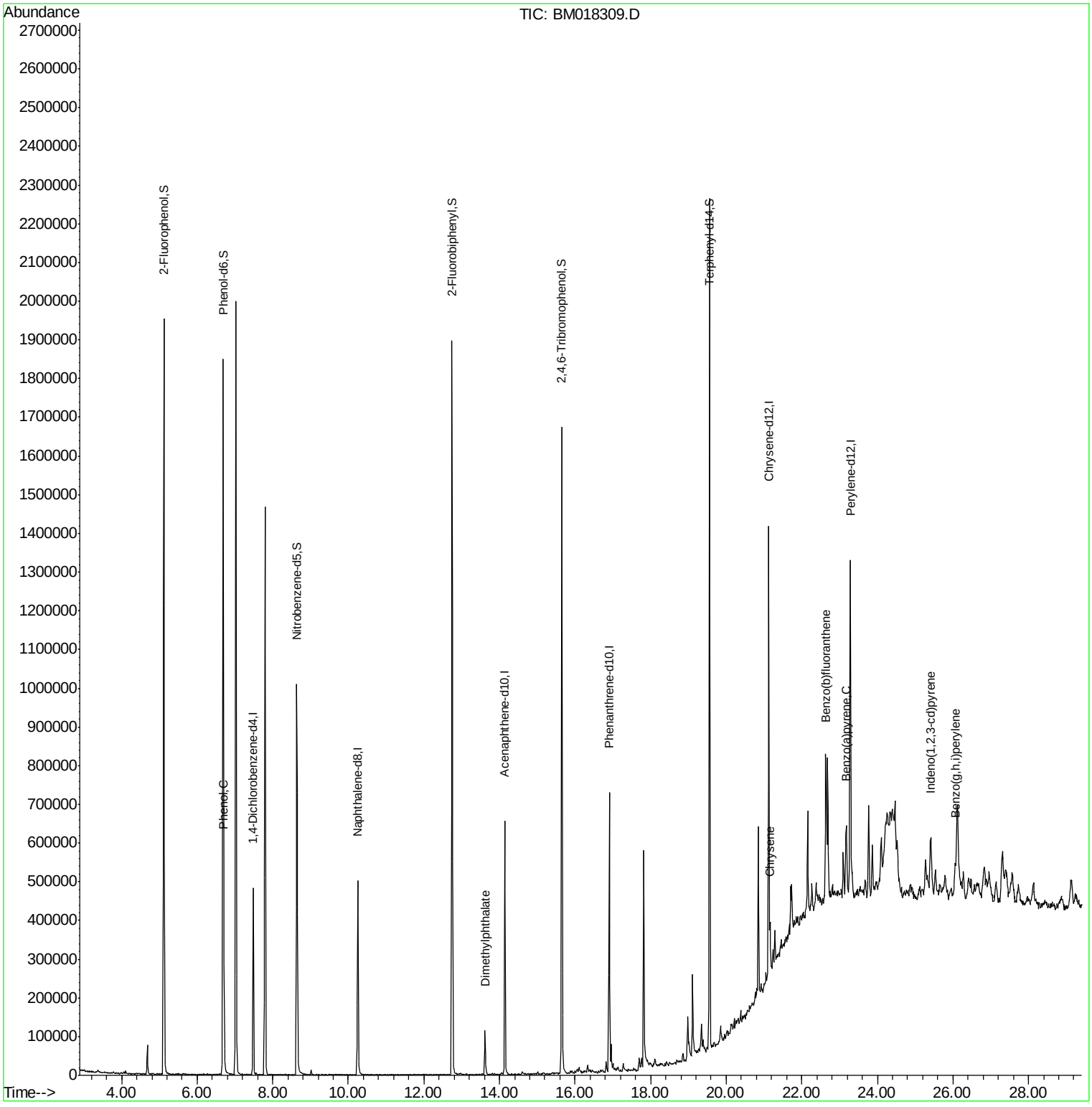
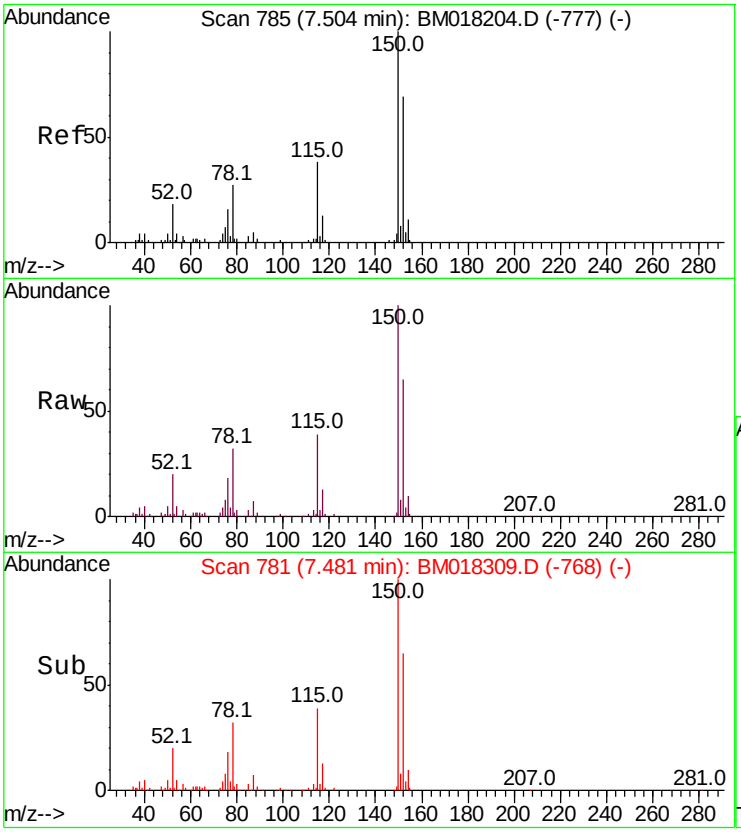


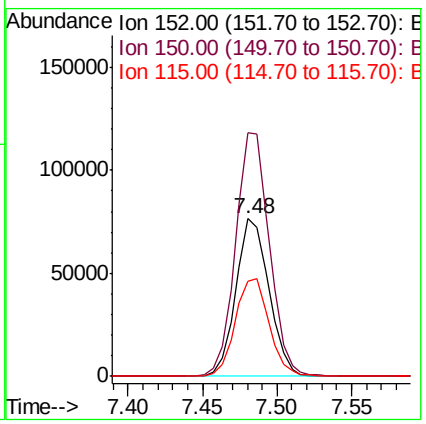


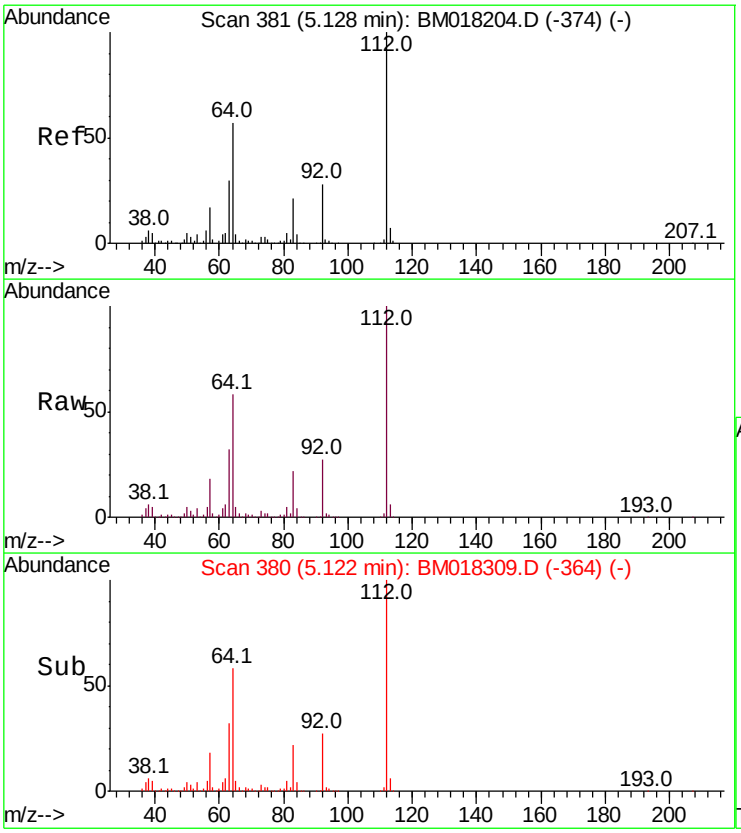
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

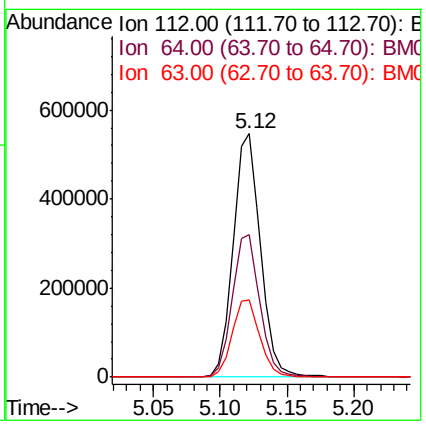


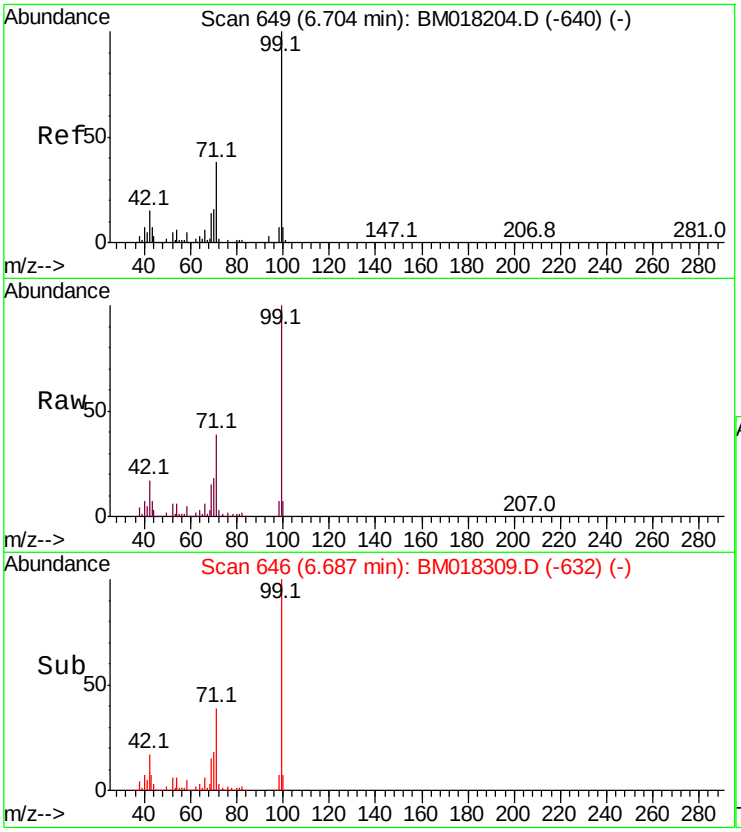


#5
2-Fluorophenol
Concen: 109.867 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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



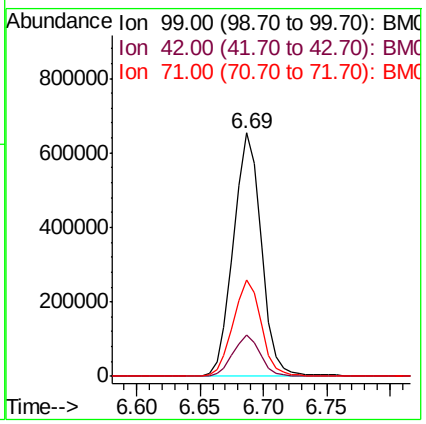


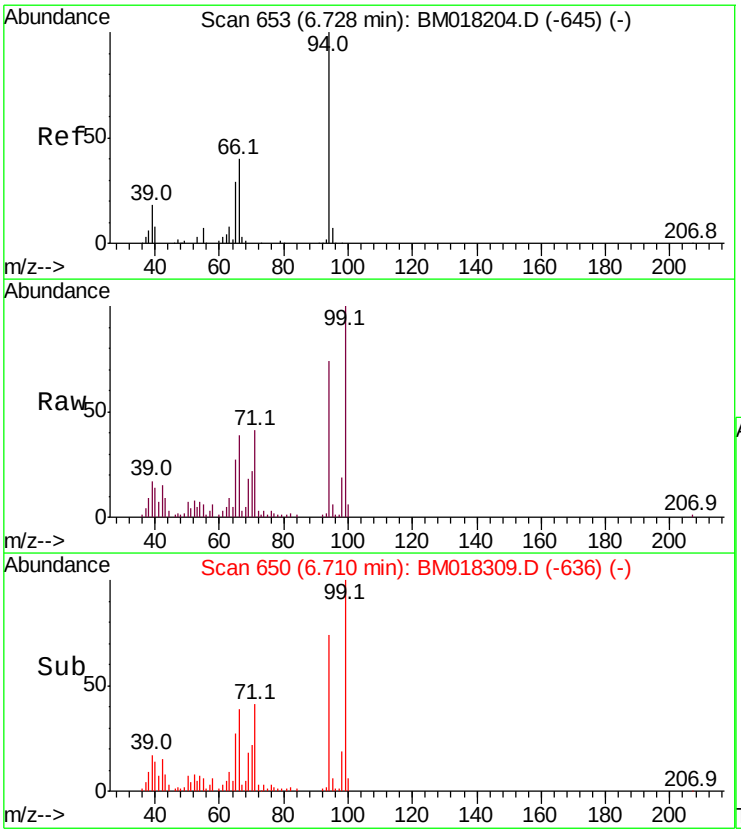
#7
Phenol-d6
Concen: 101.849 ng
RT: 6.69 min Scan# 646
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

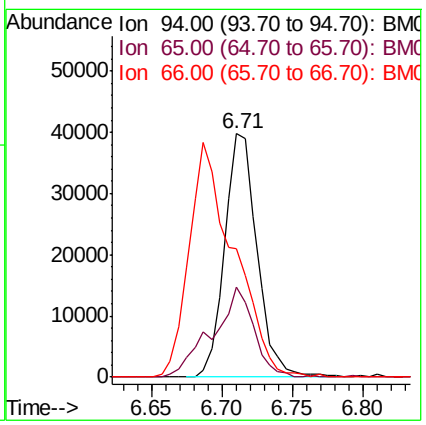


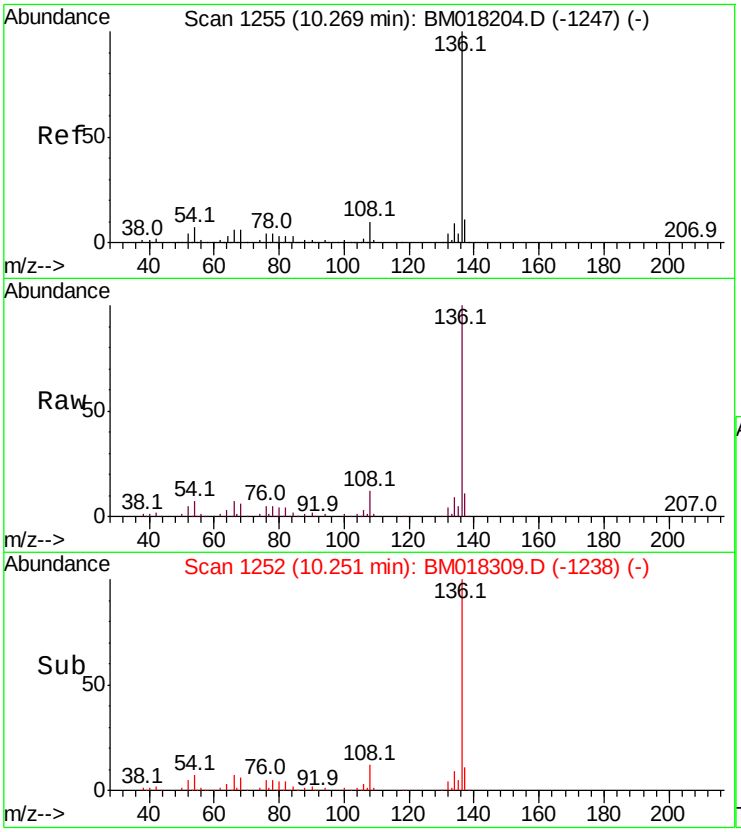


#10
Phenol
Concen: 6.125 ng
RT: 6.71 min Scan# 650
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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



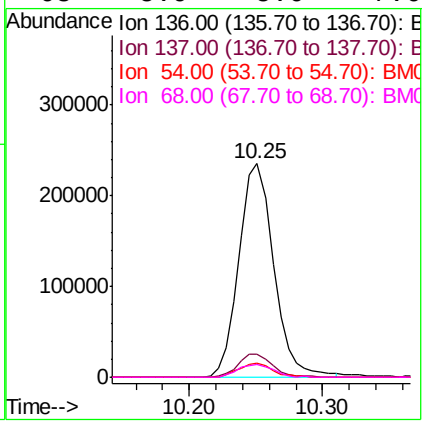


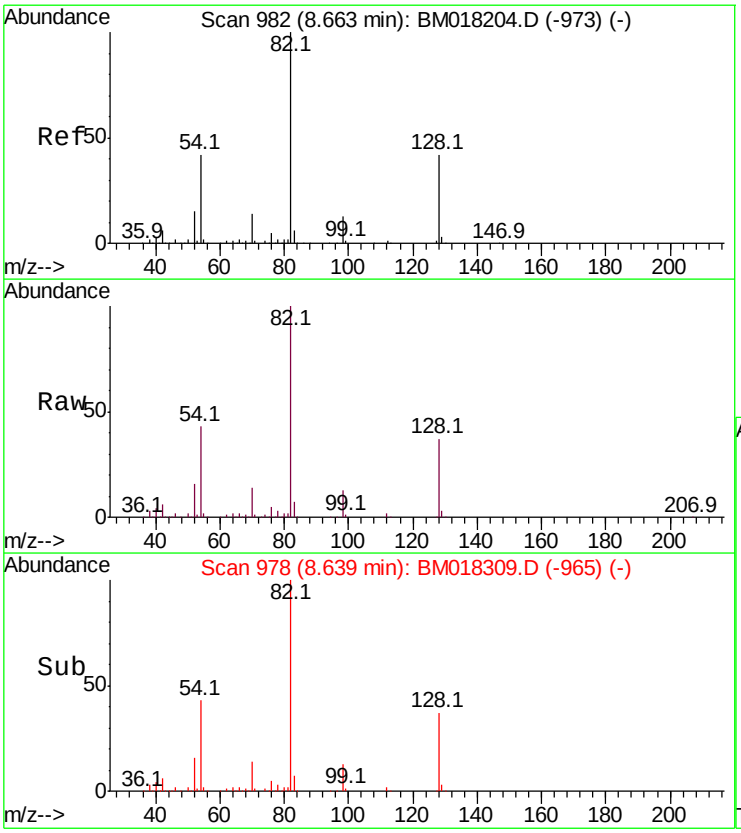
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

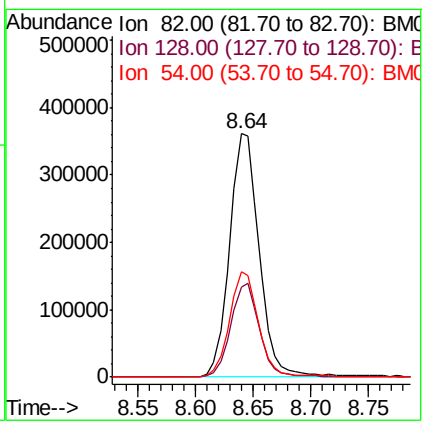


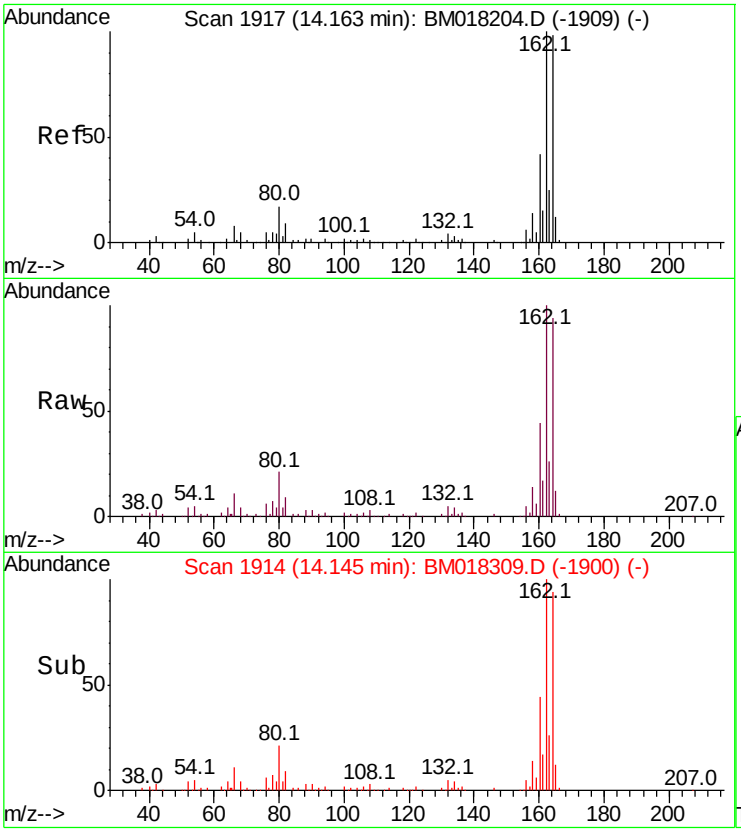


#23
Nitrobenzene-d5
Concen: 77.189 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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



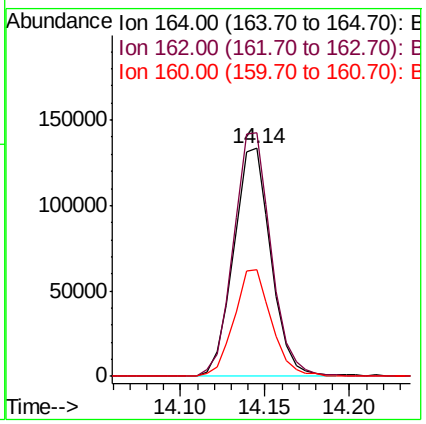


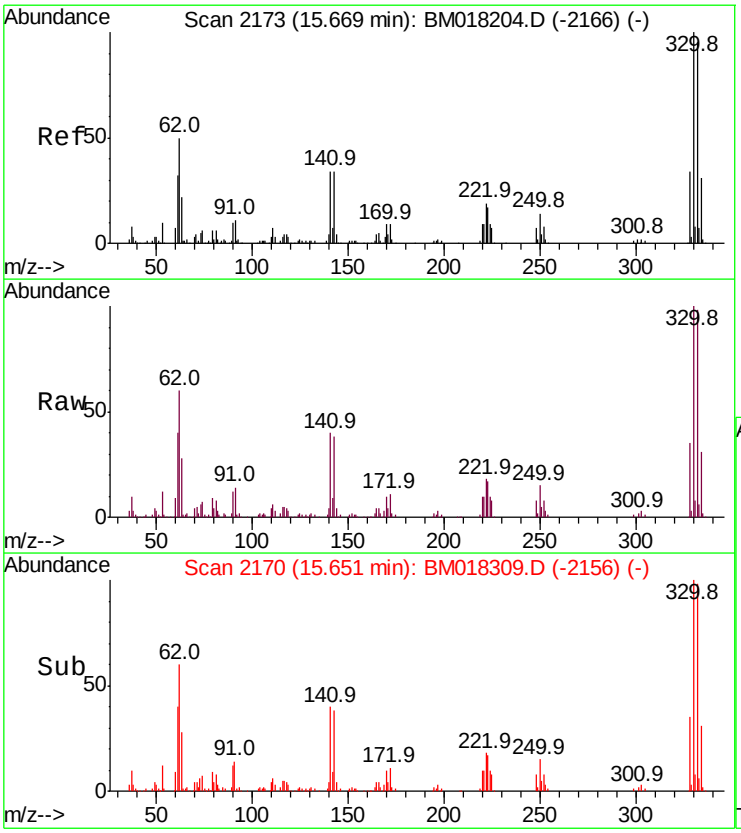
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

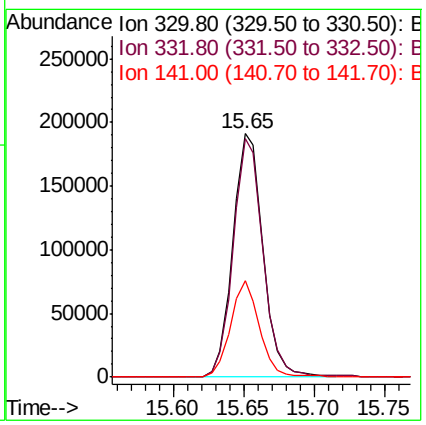


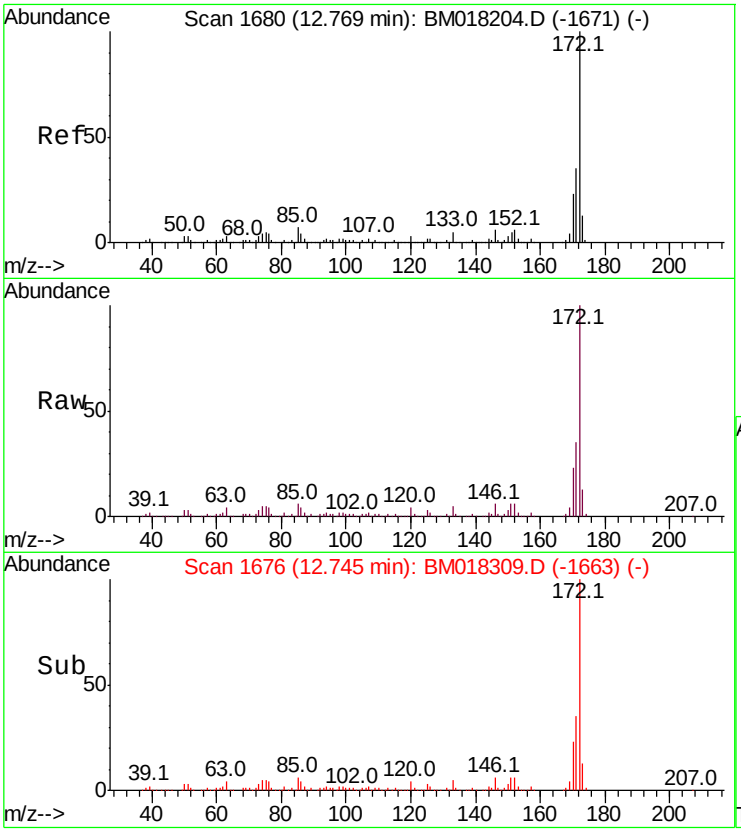


#42
2,4,6-Tribromophenol
Concen: 94.566 ng
RT: 15.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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



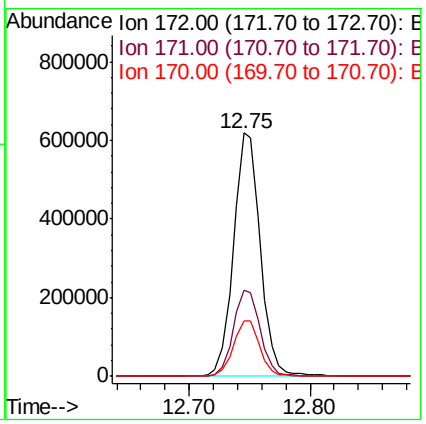


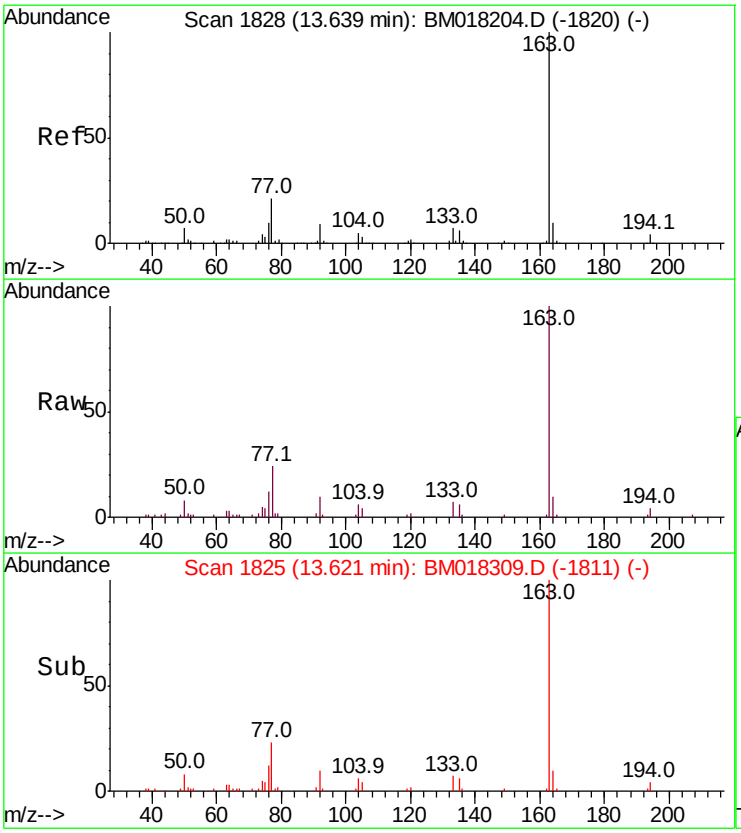
#45
2-Fluorobiphenyl
Concen: 60.306 ng
RT: 12.75 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

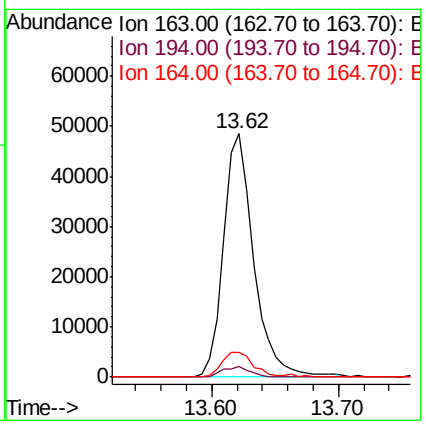


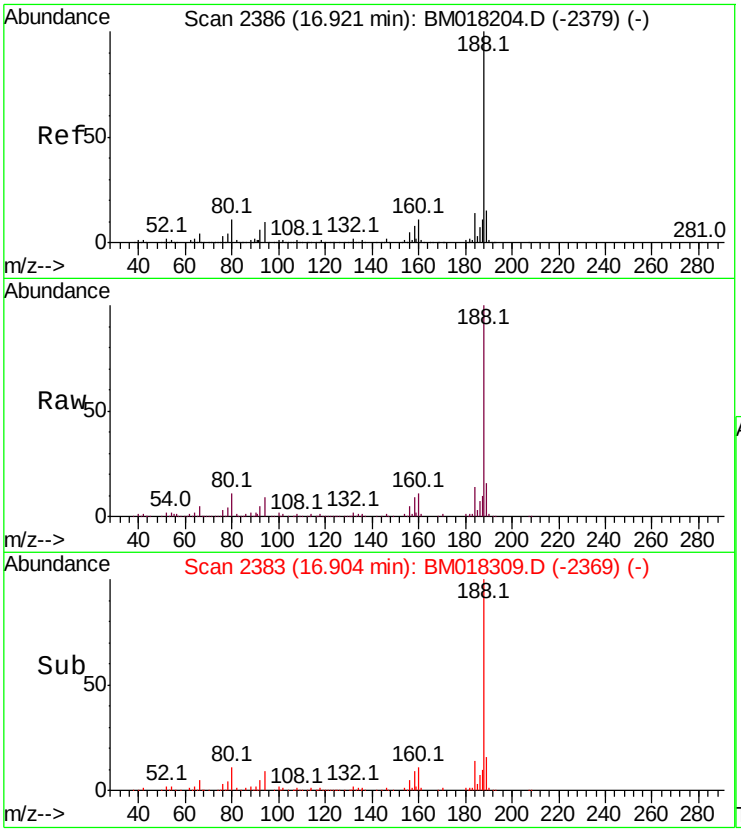


#50
Dimethylphthalate
Concen: 4.691 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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



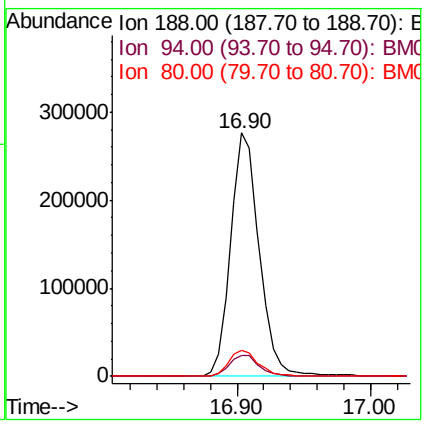


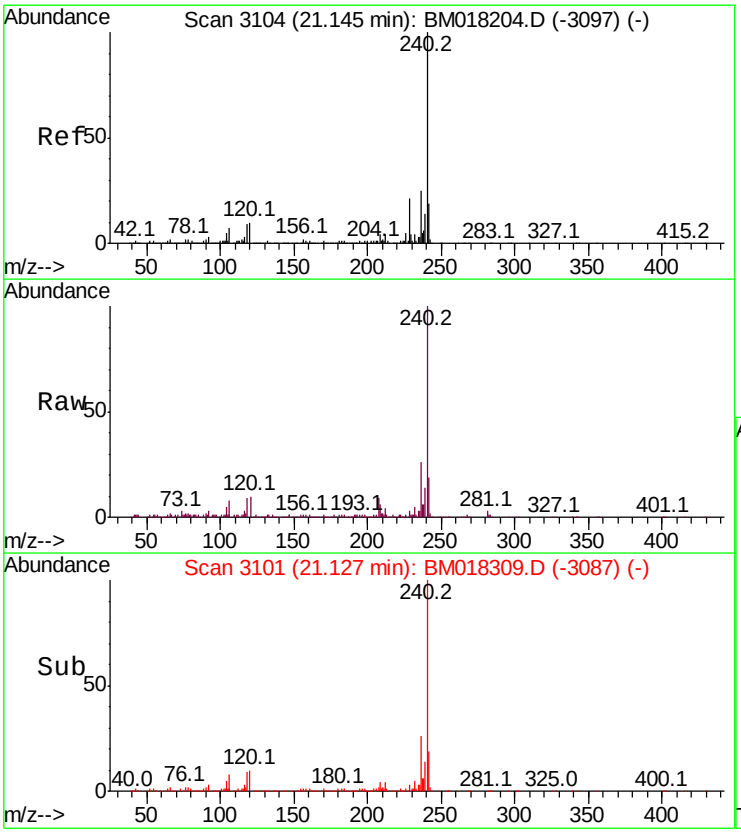
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

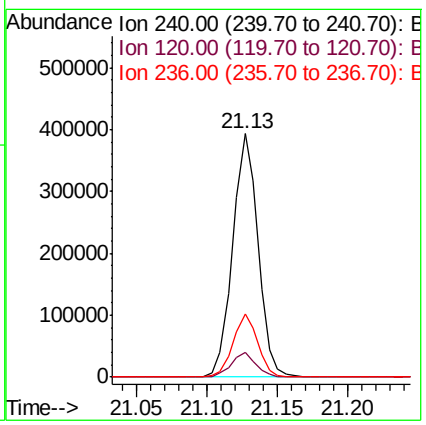


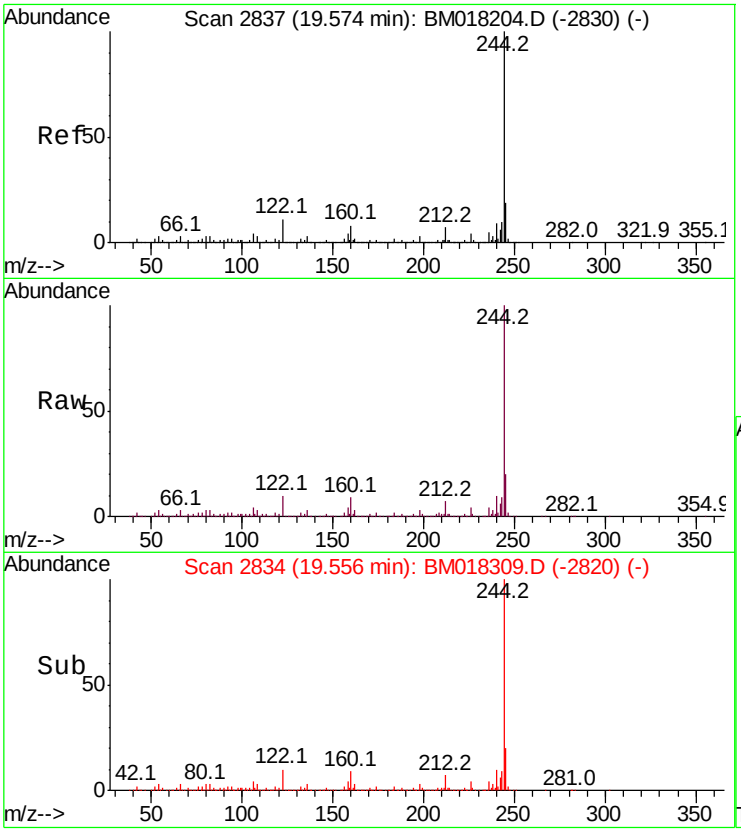


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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



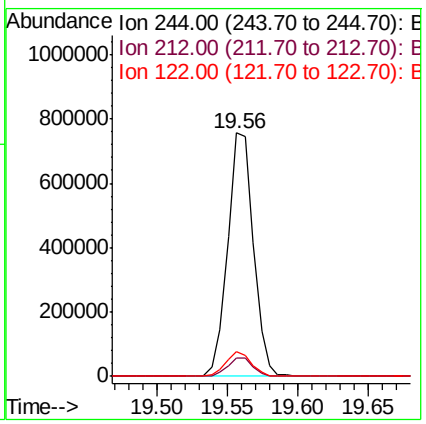


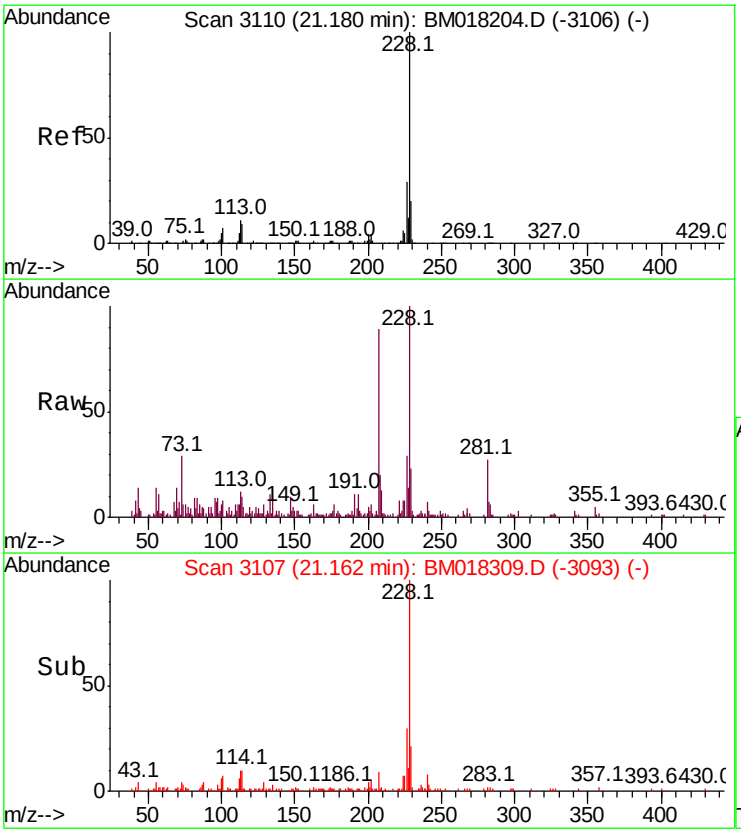
#79
Terphenyl-d14
Concen: 44.179 ng
RT: 19.56 min Scan# 2834
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

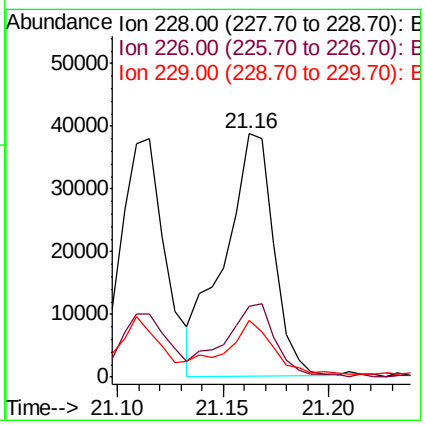


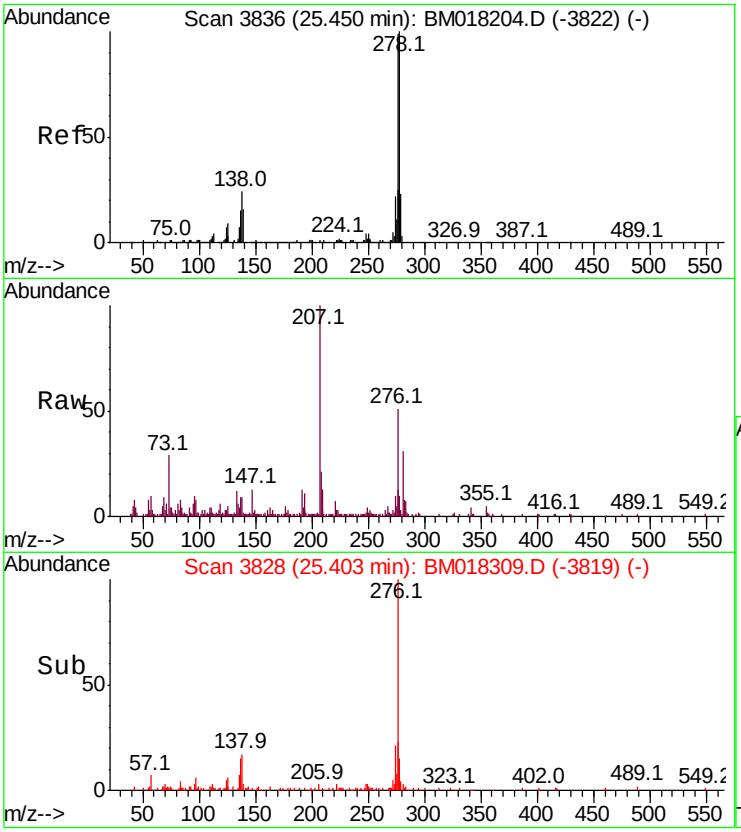


#83
Chrysene
Concen: 2.276 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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



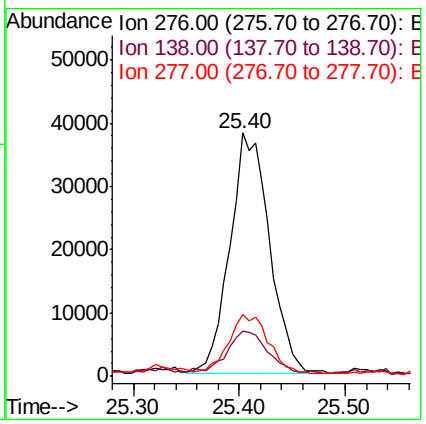


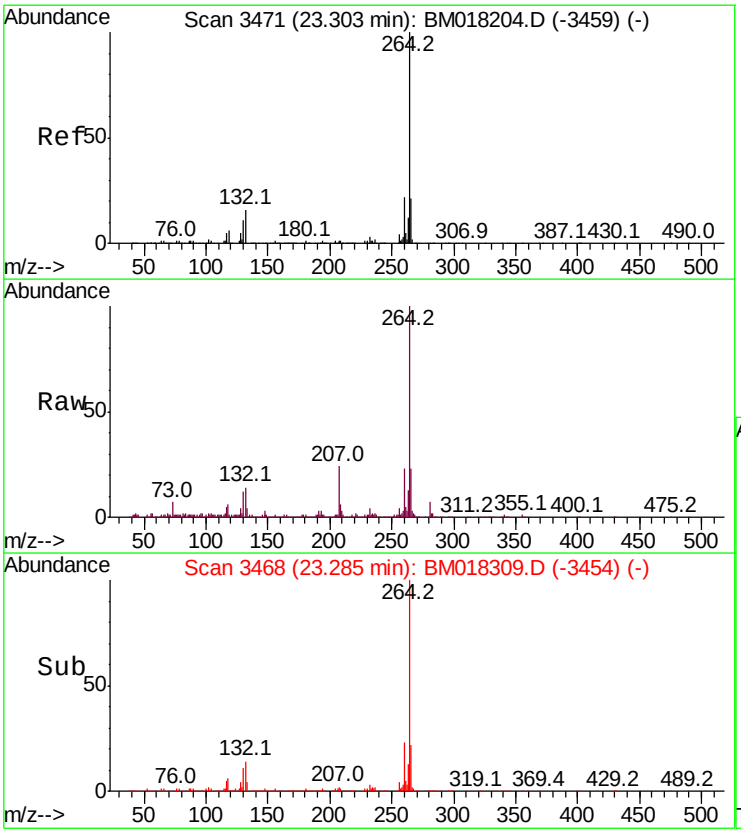
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.616 ng
RT: 25.40 min Scan# 3828
Delta R.T. -0.05 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

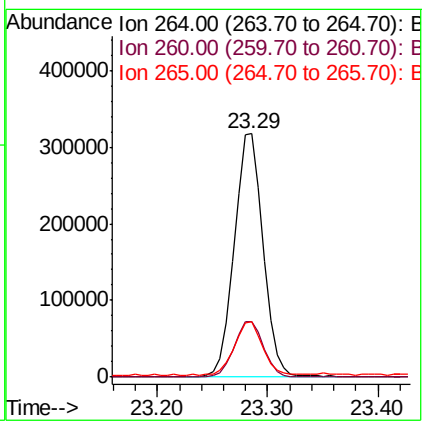


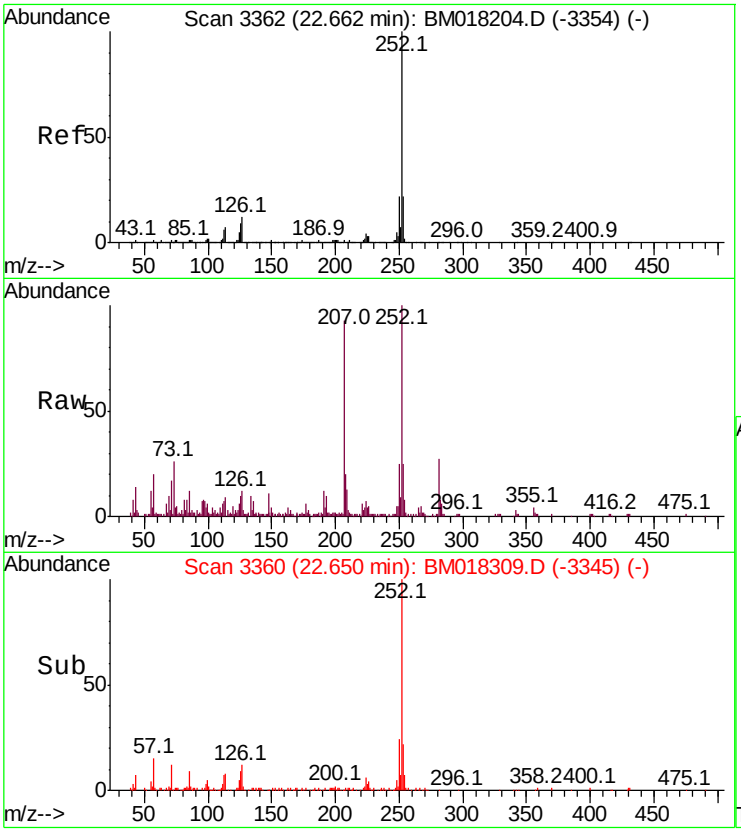


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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



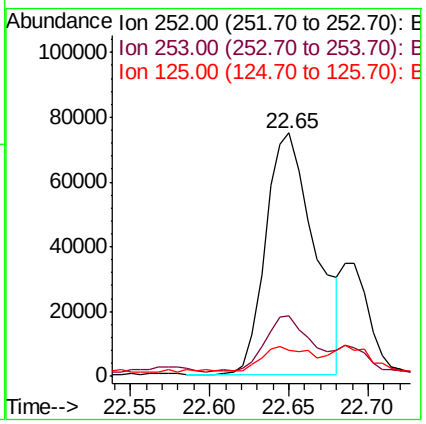


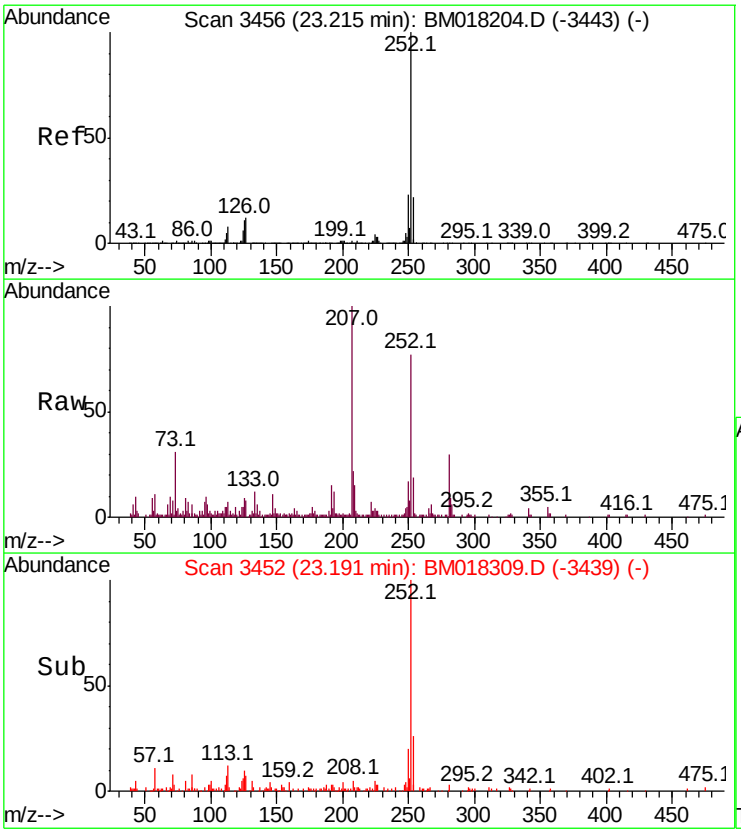
#88
Benzo(b)fluoranthene
Concen: 4.929 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

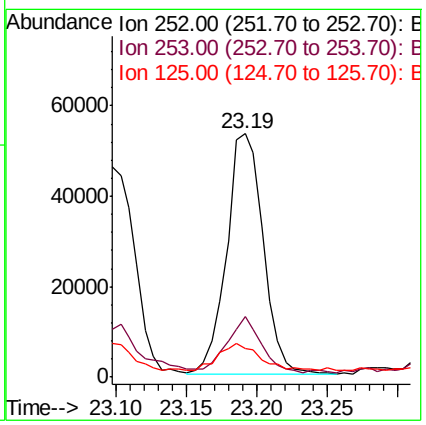


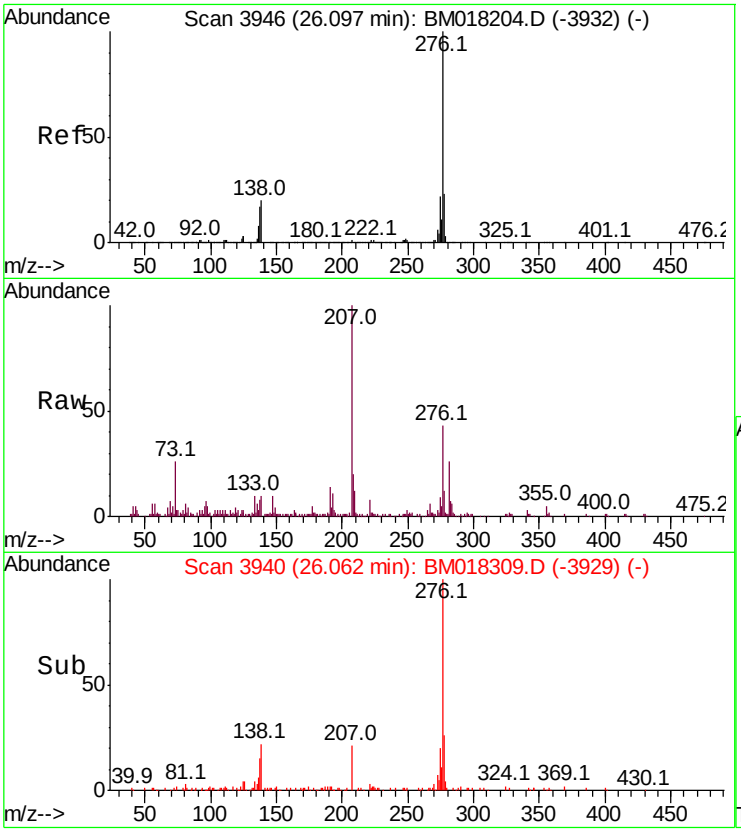


#90
Benzo(a)pyrene
Concen: 3.054 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

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

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

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