Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018276.D
Acq On : 18 Dec 2018 18:11
Operator : JU/SJ
Sample : J6340-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-05B

Quant Time: Dec 19 03:39:54 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	7.49	152	133230	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	524919	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	287334	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	563532	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	458383	20.00	ng	-0.01
87) Perylene-d12	23.29	264	469983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	954226	119.64	ng	0.00
7) Phenol-d6	6.69	99	1301368	117.40	ng	-0.01
23) Nitrobenzene-d5	8.65	82	817111	79.85	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	406907	96.49	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1610690	72.61	ng	-0.02
79) Terphenyl-d14	19.56	244	1721277	84.93	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.72	94	68434	5.829	ng	90
50) Dimethylphthalate	13.62	163	176905	7.406	ng	98
78) Pyrene	19.35	202	72050	2.638	ng	98

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

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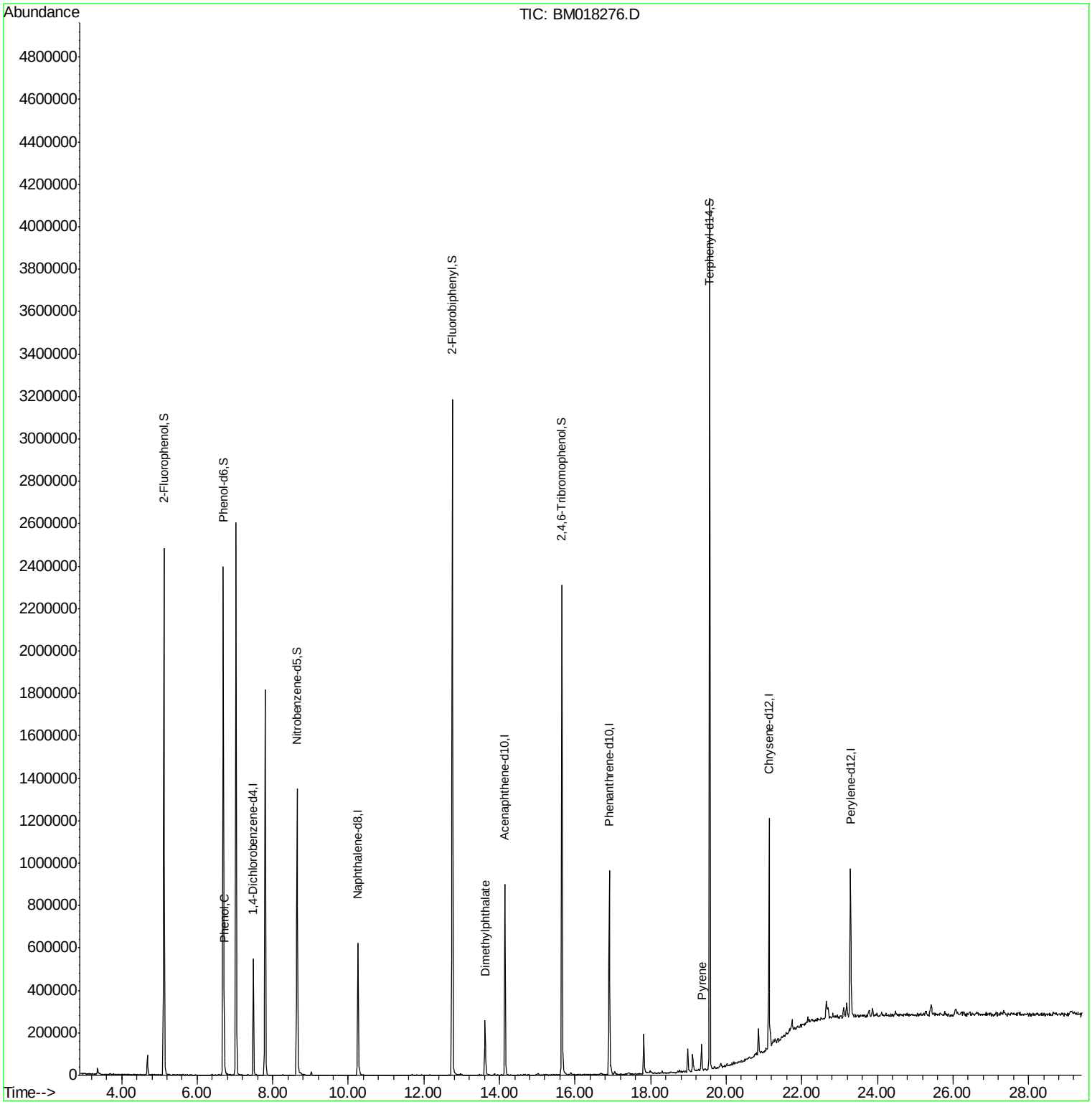
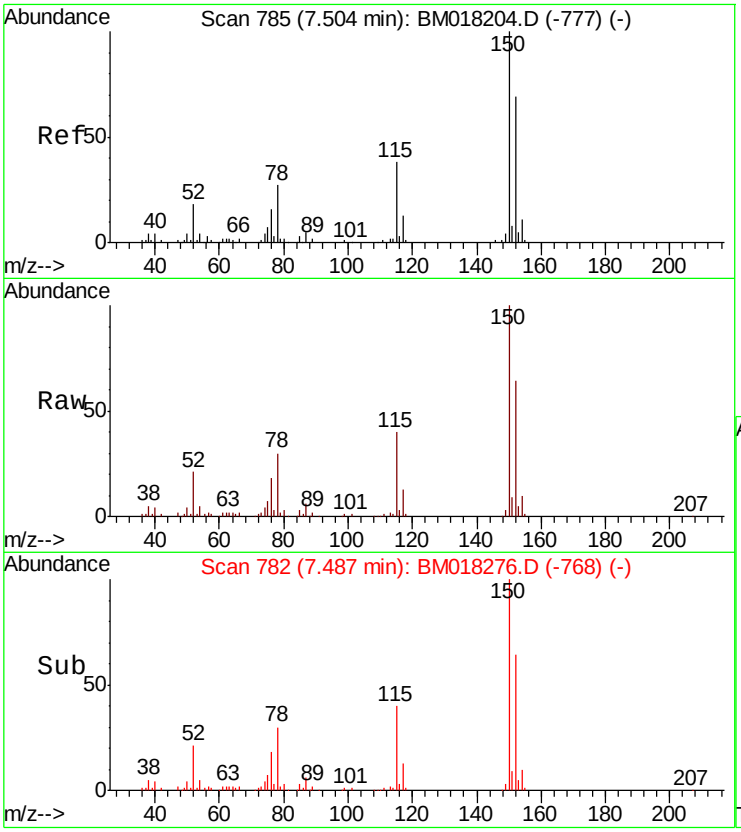


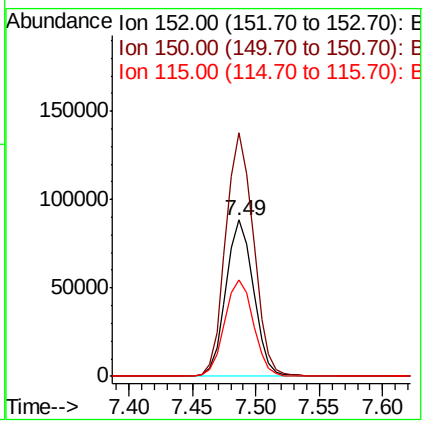


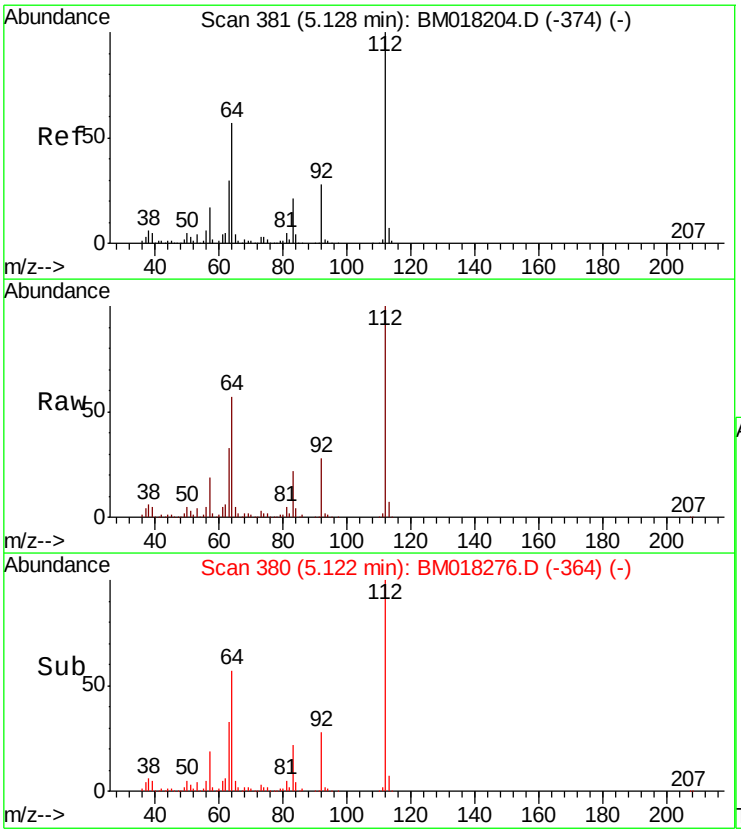
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
SB-05B

Tgt Ion:152 Resp: 133230

Ion	Ratio	Lower	Upper
152	100		
150	155.9	116.1	174.1
115	62.0	44.6	67.0

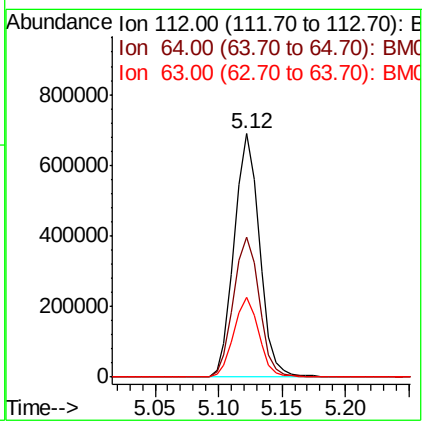


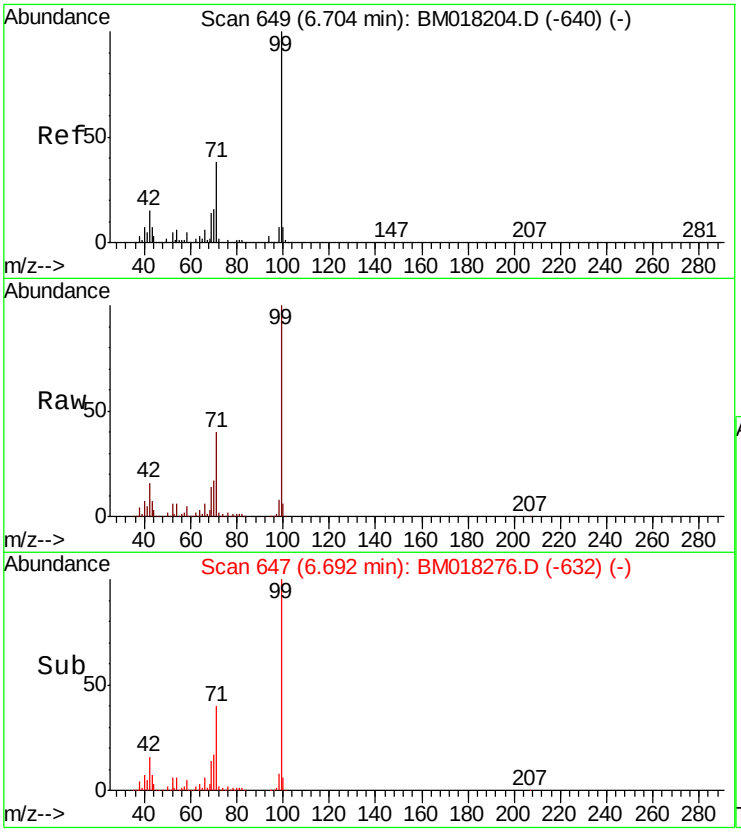


#5
2-Fluorophenol
Concen: 119.644 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion:112 Resp: 954226

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.4	68.2
63	32.9	24.0	36.0



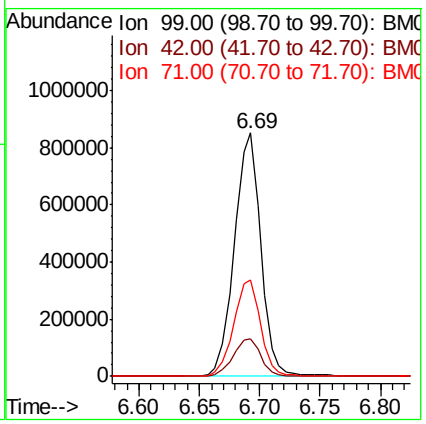


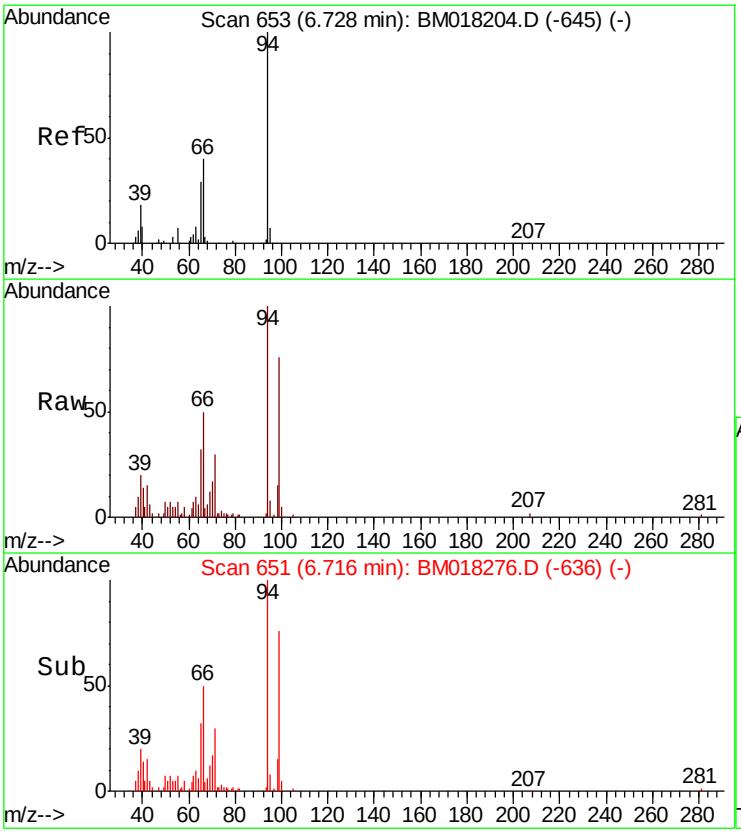
#7
Phenol-d6
Concen: 117.395 ng
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
SB-05B

Tgt Ion: 99 Resp: 1301368

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.3	18.5
71	39.6	30.2	45.2

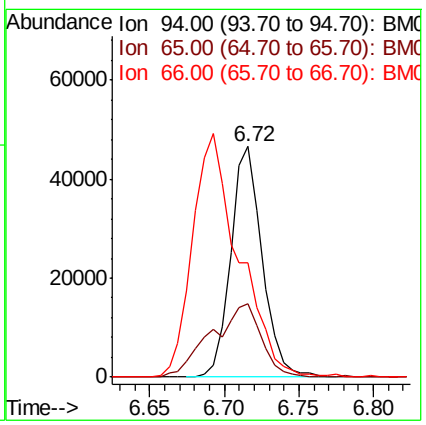


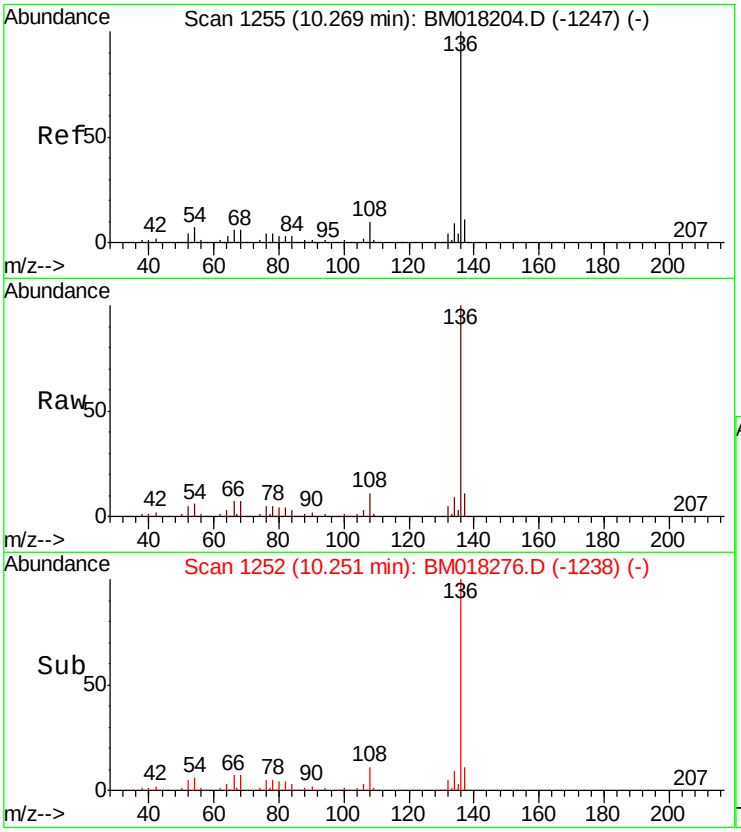


#10
Phenol
Concen: 5.829 ng
RT: 6.72 min Scan# 651
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion: 94 Resp: 68434

Ion	Ratio	Lower	Upper
94	100		
65	32.0	9.5	49.5
66	49.7	21.3	61.3



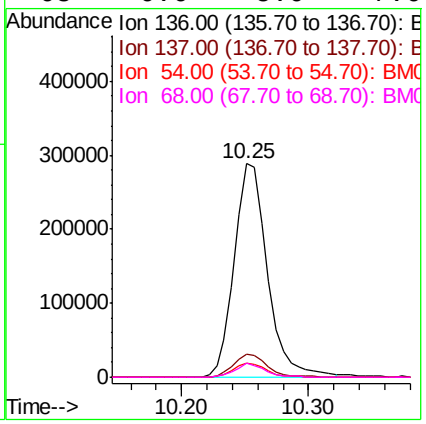


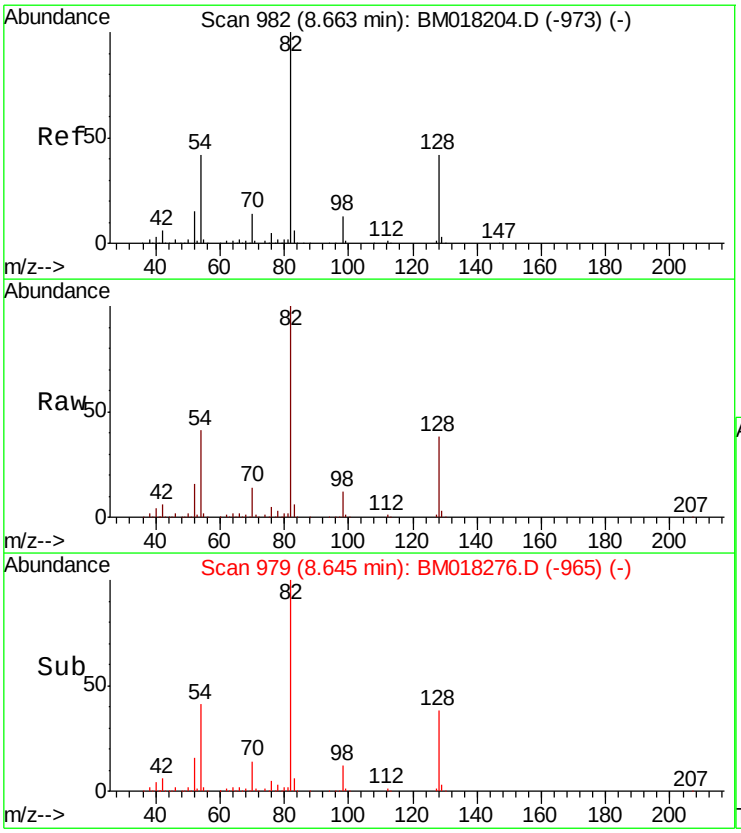
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
SB-05B

Tgt Ion:136 Resp: 524919

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.4	5.2	7.8
68	6.6	5.0	7.6

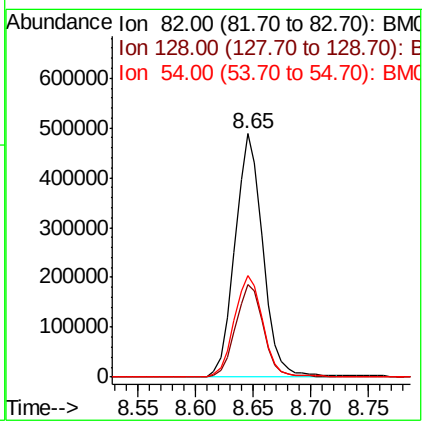


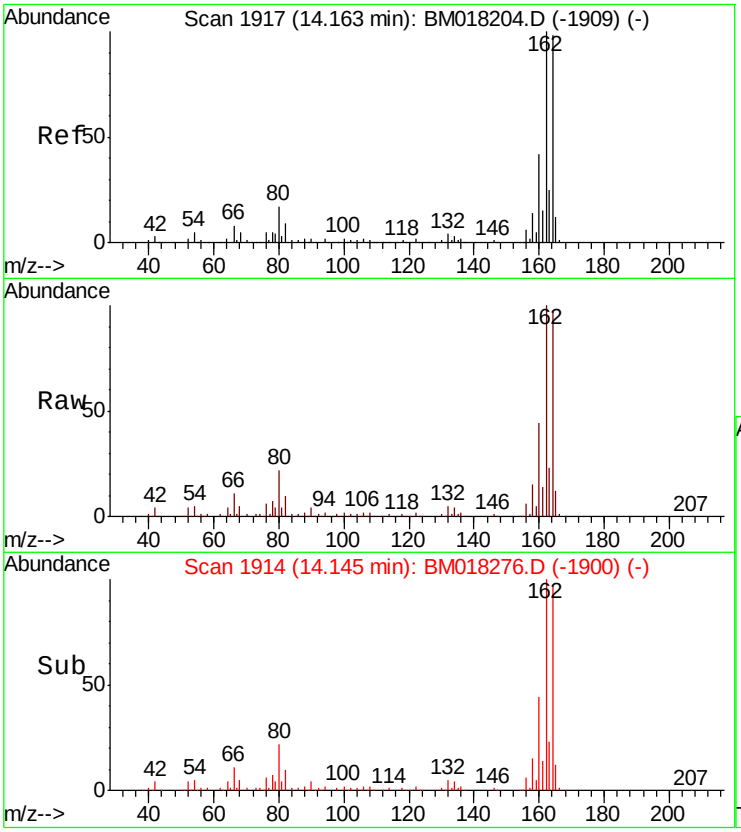


#23
Nitrobenzene-d5
Concen: 79.846 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion: 82 Resp: 817111

Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.4	50.2
54	41.5	33.4	50.2



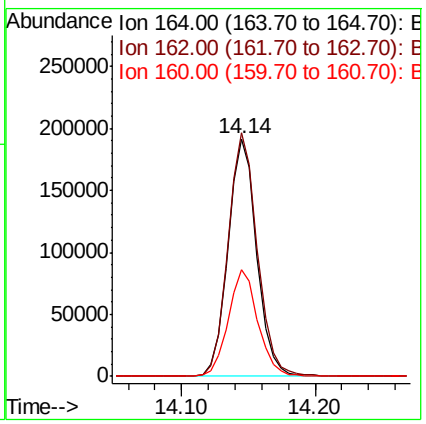


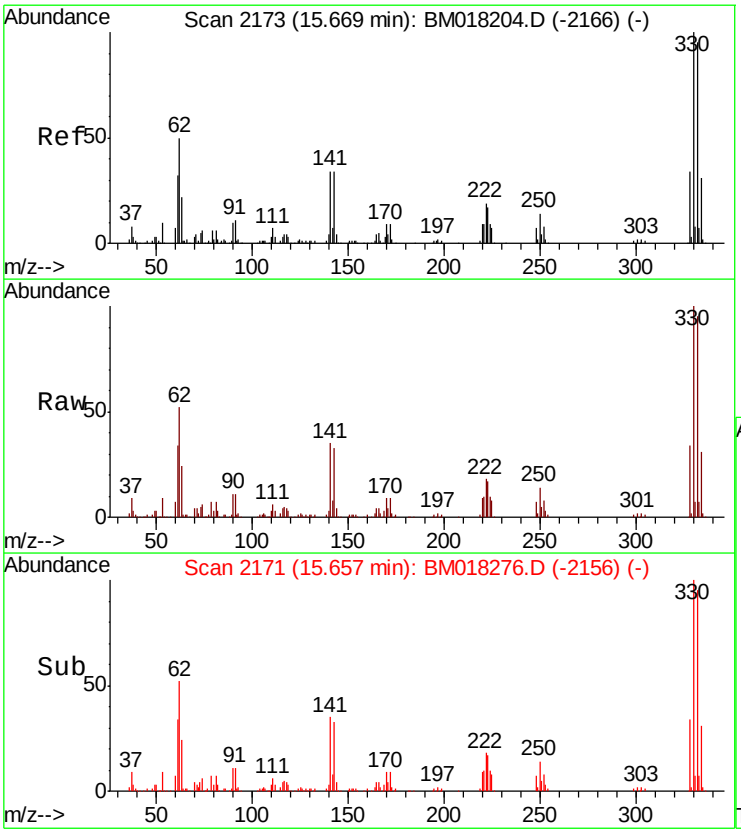
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
SB-05B

Tgt Ion:164 Resp: 287334

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	44.9	34.6	51.8

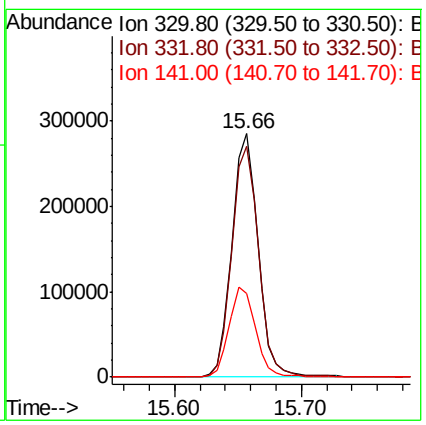


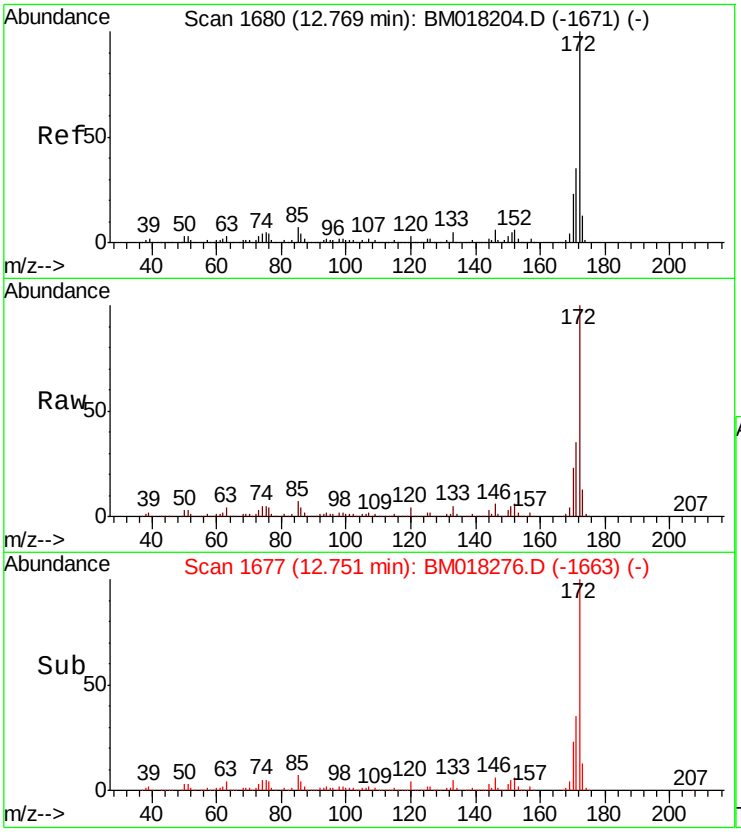


#42
2,4,6-Tribromophenol
Concen: 96.486 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion:330 Resp: 406907

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.6	118.0
141	37.5	27.1	40.7



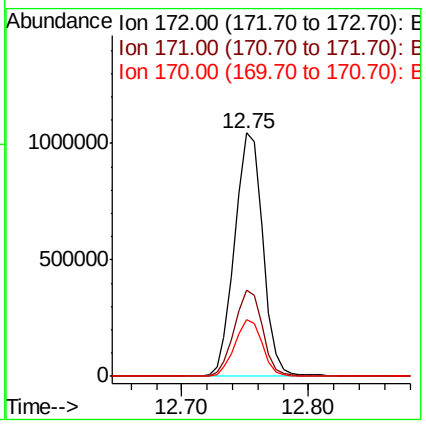


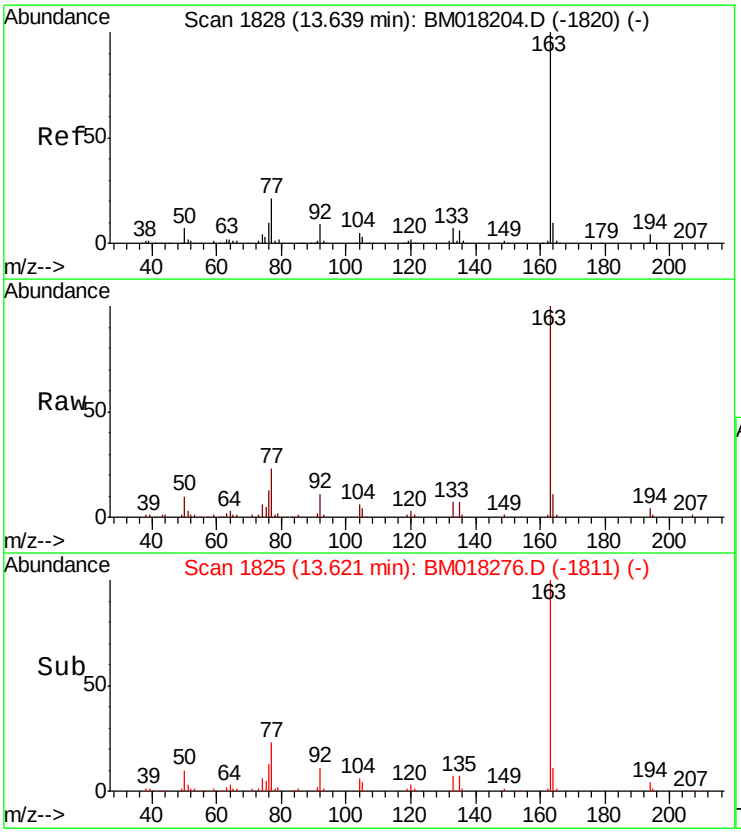
#45
2-Fluorobiphenyl
Concen: 72.606 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument : BNA_M
ClientSampleId : SB-05B

Tgt Ion:172 Resp: 1610690

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.1	18.1	27.1

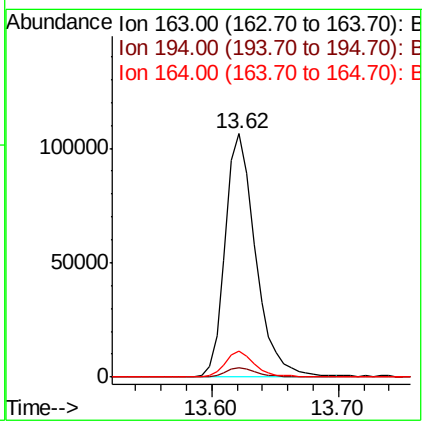


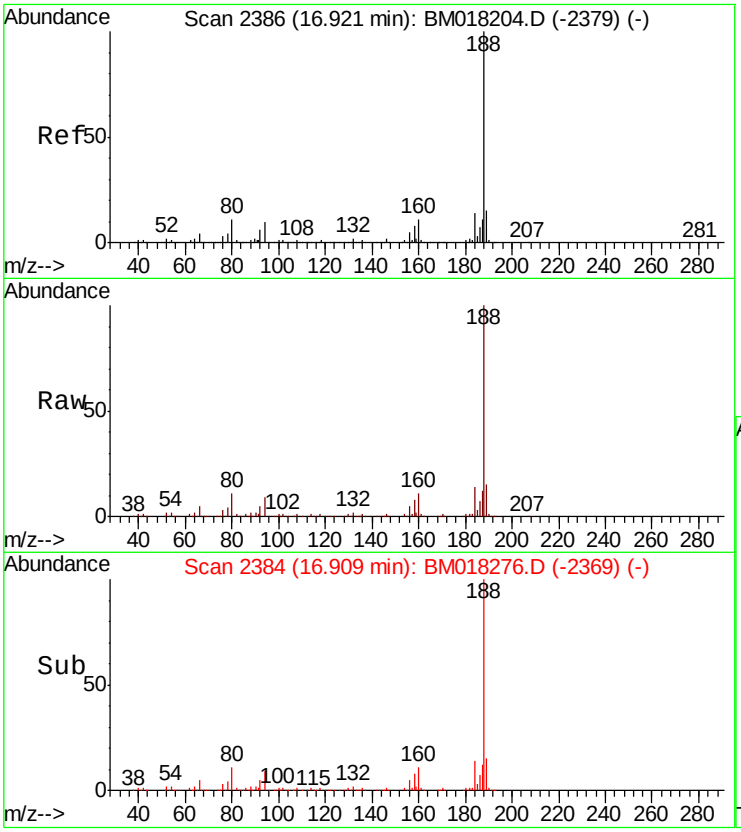


#50
Dimethylphthalate
Concen: 7.406 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion:163 Resp: 176905

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.9	7.9	11.9



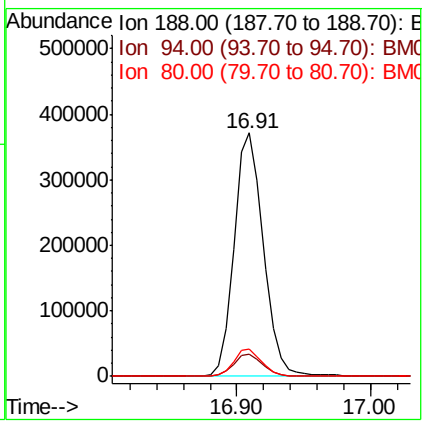


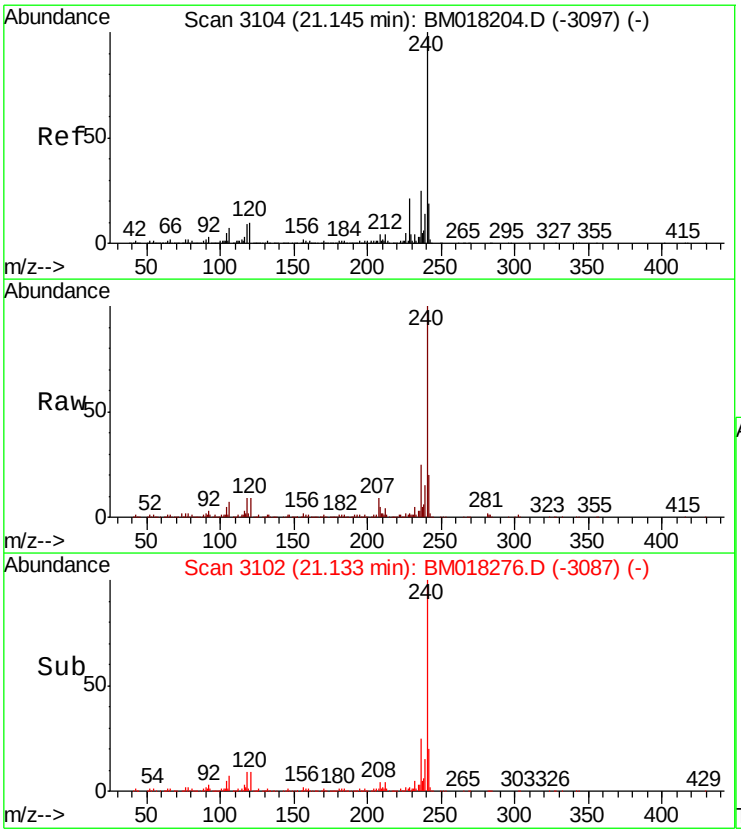
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
SB-05B

Tgt Ion:188 Resp: 563532

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	11.3	9.0	13.6

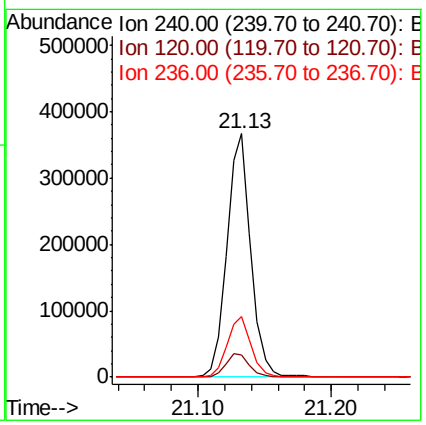


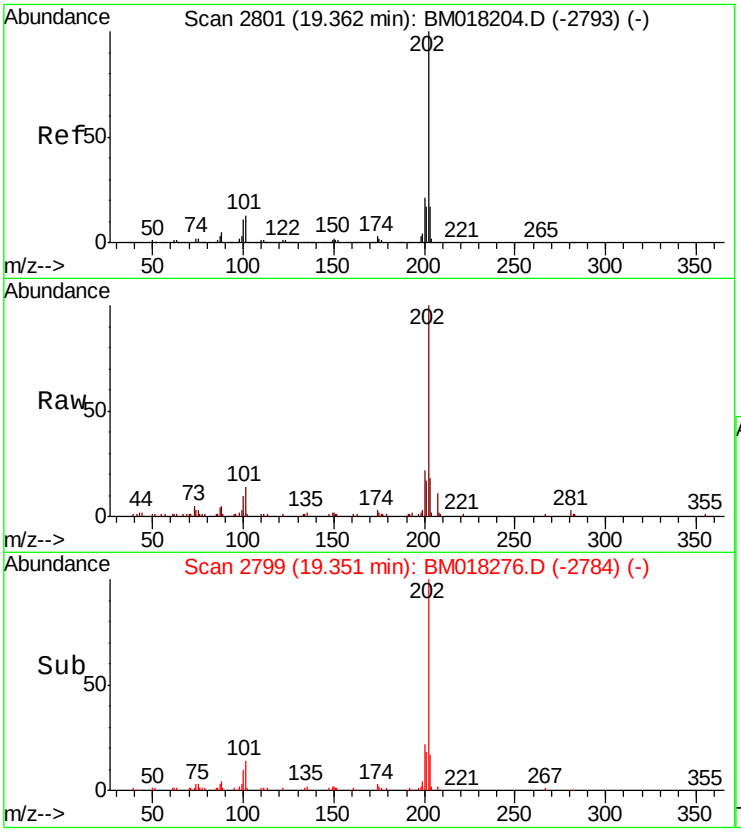


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion:240 Resp: 458383

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	24.7	20.3	30.5



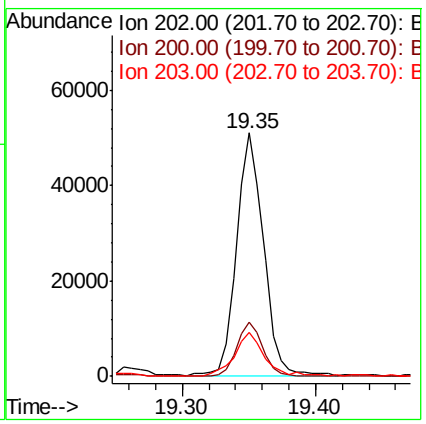


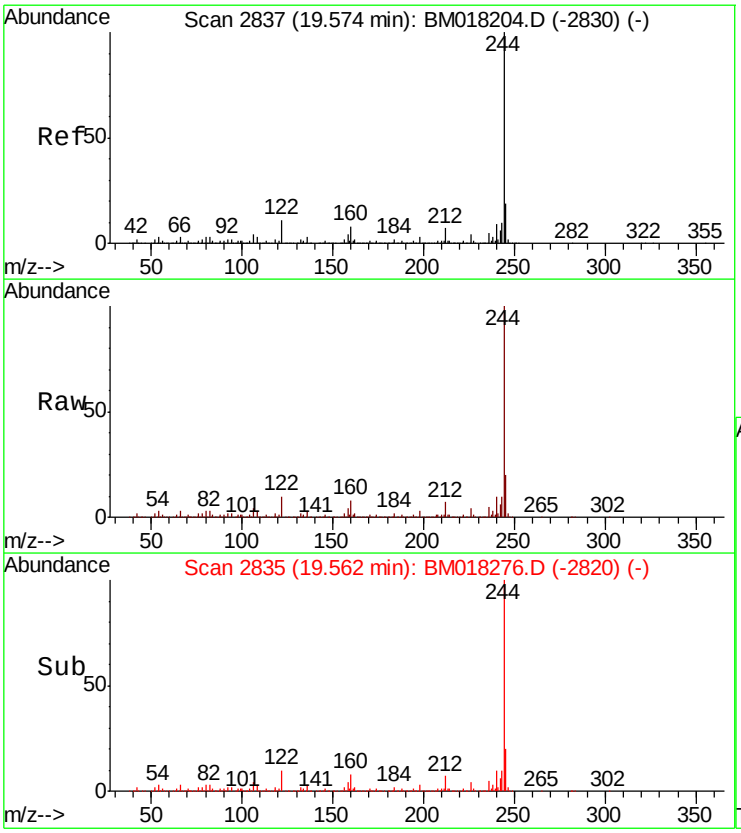
#78
Pyrene
Concen: 2.638 ng
RT: 19.35 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
SB-05B

Tgt Ion:202 Resp: 72050

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.5	24.7
203	18.0	14.0	21.0

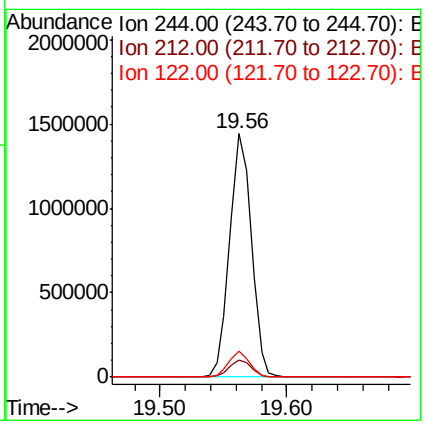


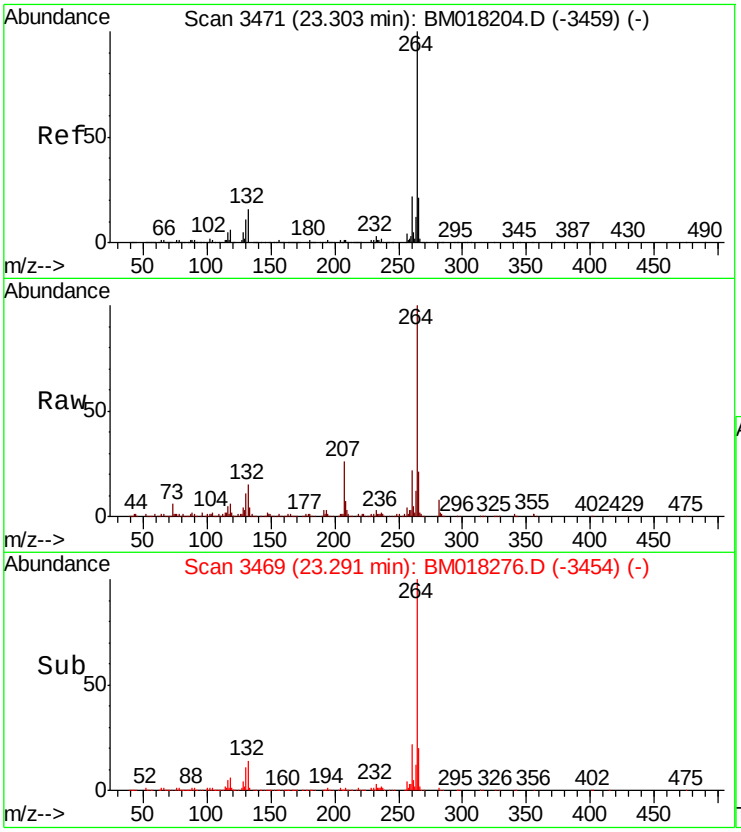


#79
Terphenyl-d14
Concen: 84.927 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Tgt Ion:244 Resp: 1721277

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.5	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018276.D
Acq: 18 Dec 2018 18:11

Instrument :
BNA_M
ClientSampleId :
SB-05B

Tgt Ion:264 Resp: 469983

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.5	26.3
265	21.1	17.3	25.9