Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018768.D
Acq On : 11 Feb 2019 21:28
Operator : JU/SJ
Sample : K1449-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-11-OW

Quant Time: Feb 12 07:48:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	329780	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1330263	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	787486	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1849996	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1820383	20.00	ng	0.00
87) Perylene-d12	23.56	264	1547891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	889609	44.20	ng	0.00
7) Phenol-d6	6.89	99	768098	27.09	ng	0.00
23) Nitrobenzene-d5	8.88	82	2129123	74.01	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1115108	98.24	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4332771	73.04	ng	0.00
79) Terphenyl-d14	19.74	244	7264680	82.32	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.92	94	182345	6.112	ng	97
50) Dimethylphthalate	13.83	163	335239	5.108	ng	99

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

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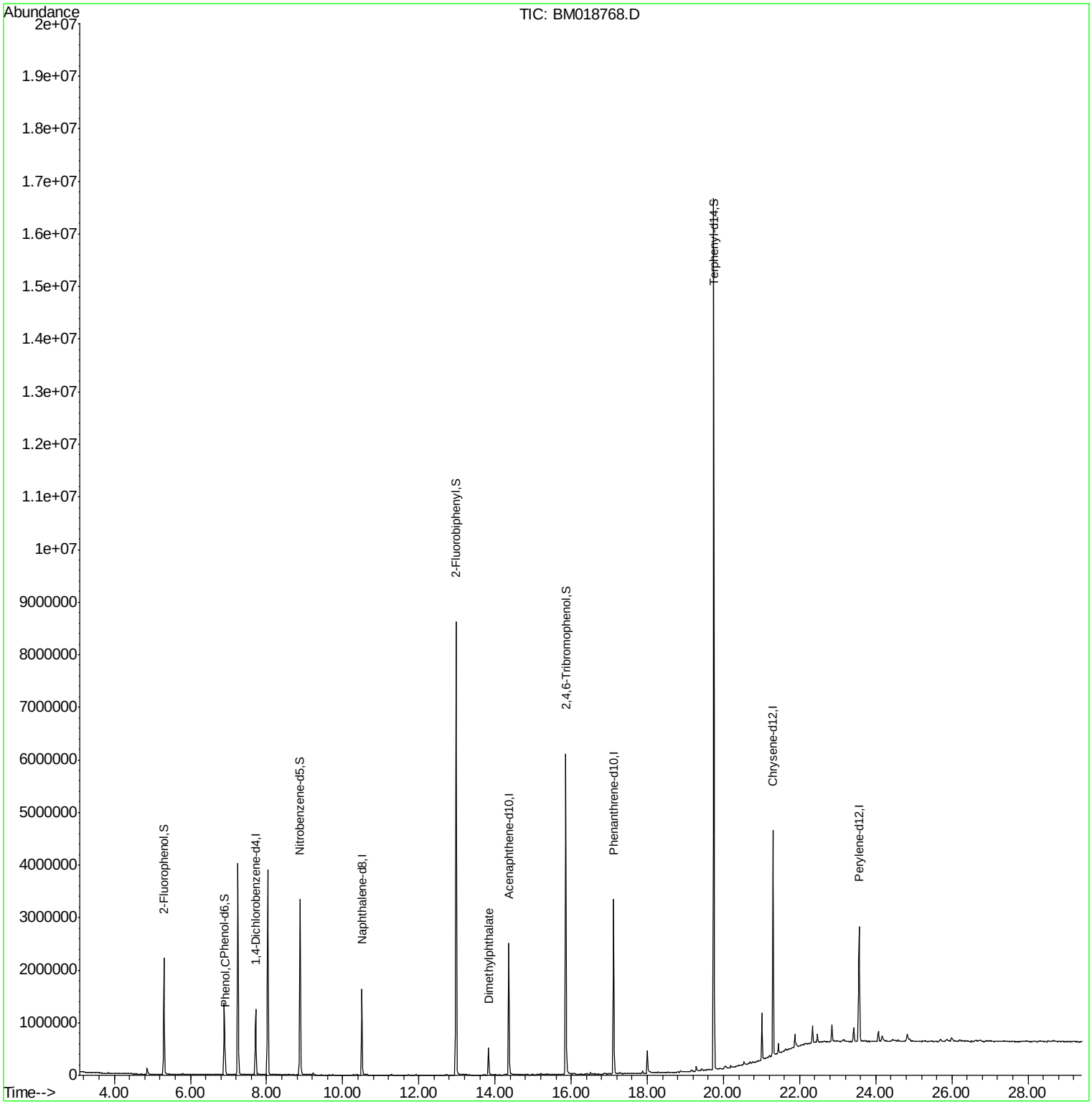
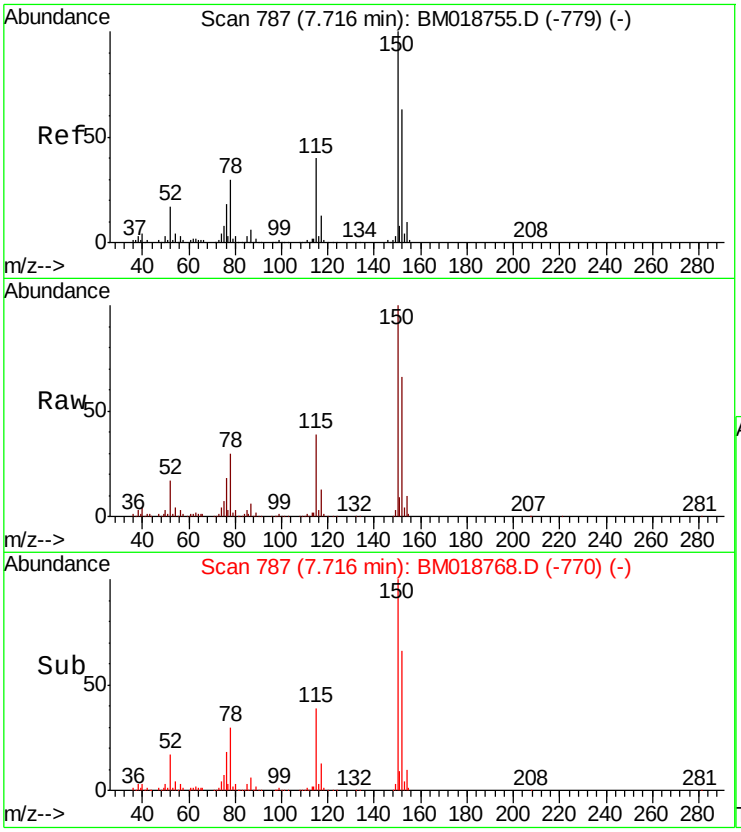


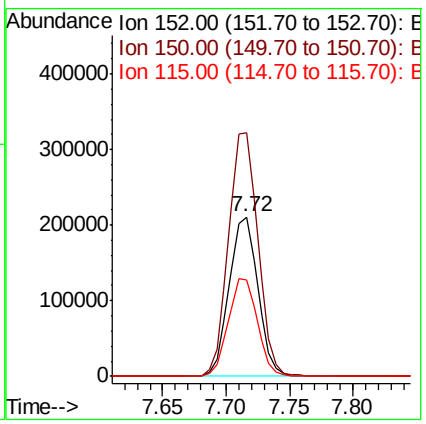


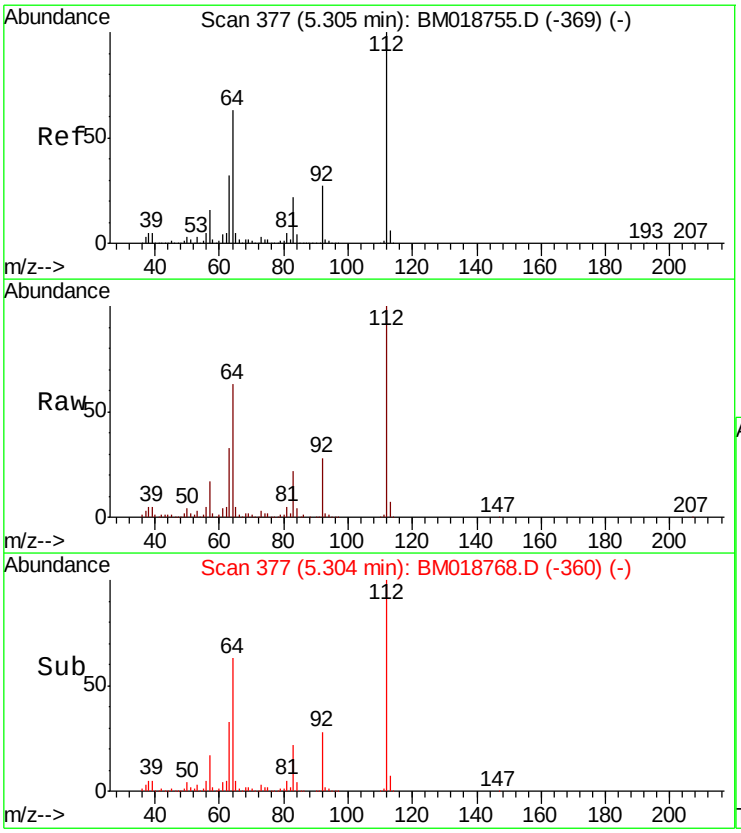
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion:152 Resp: 329780

Ion	Ratio	Lower	Upper
152	100		
150	152.5	127.3	190.9
115	60.2	50.8	76.2

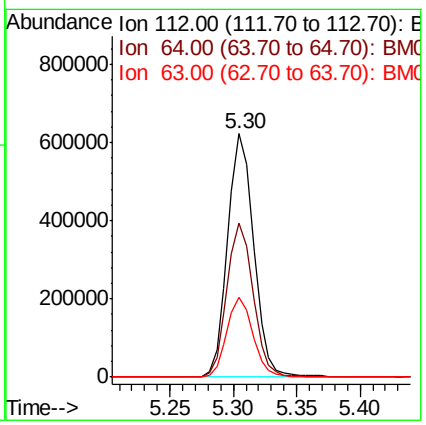


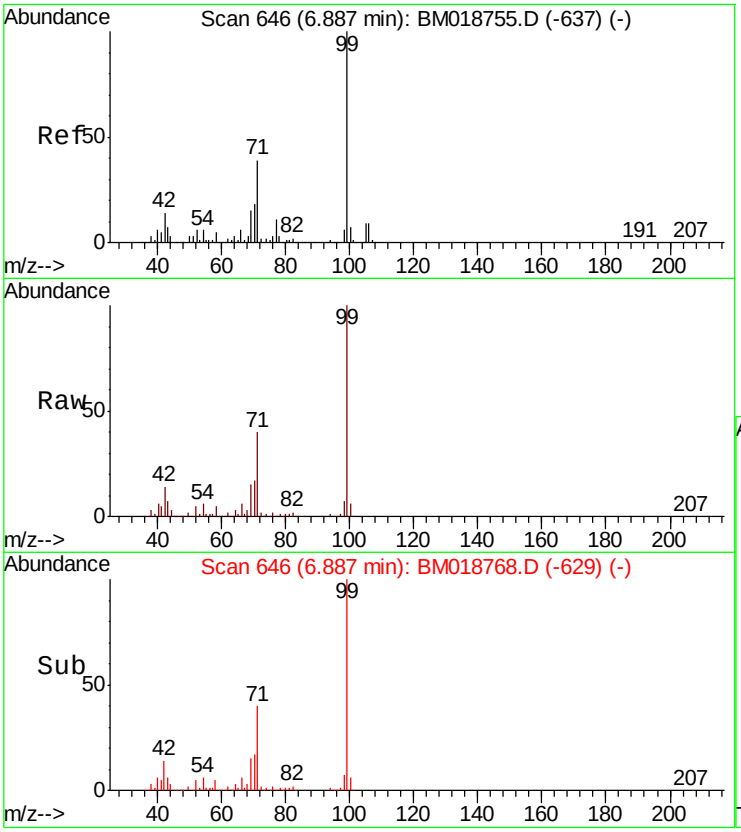


#5
2-Fluorophenol
Concen: 44.199 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:112 Resp: 889609

Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.6	75.8
63	32.6	25.7	38.5



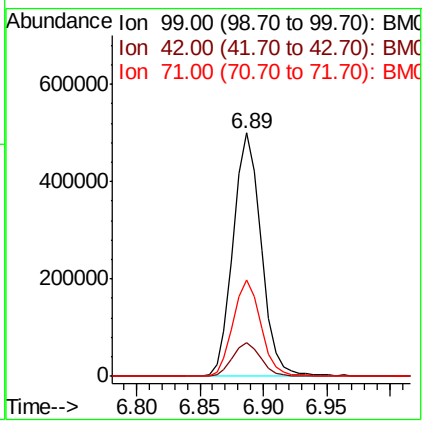


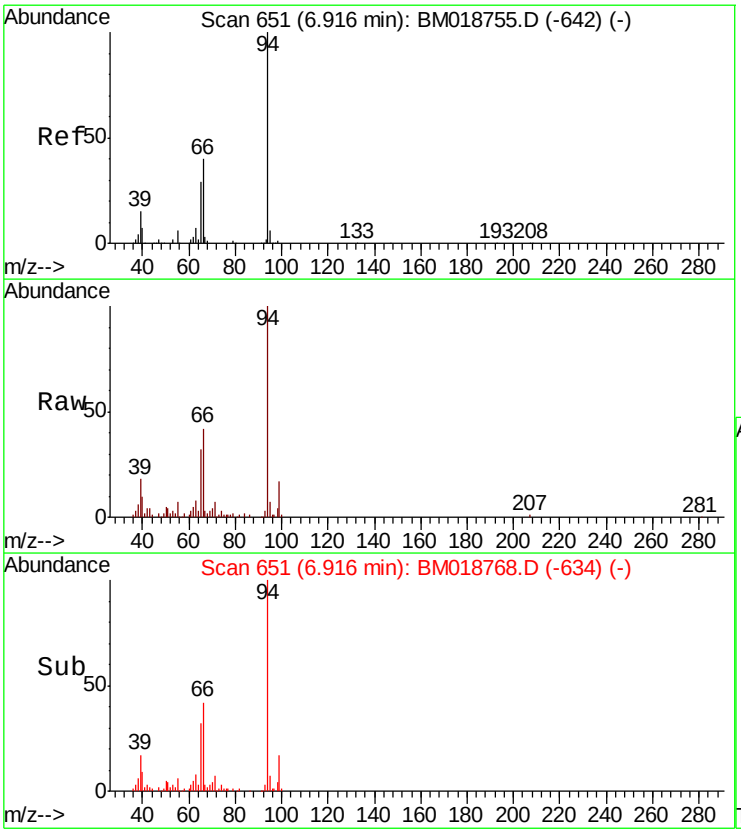
#7
Phenol-d6
Concen: 27.089 ng
RT: 6.89 min Scan# 646
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion: 99 Resp: 768098

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	39.6	31.3	46.9

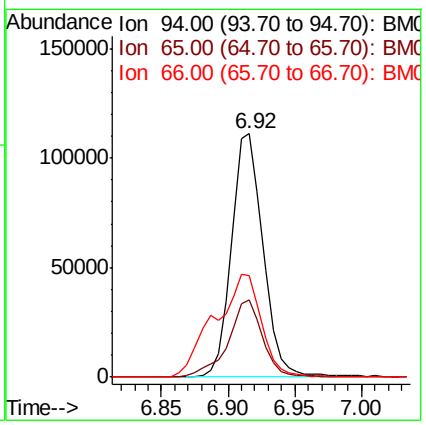


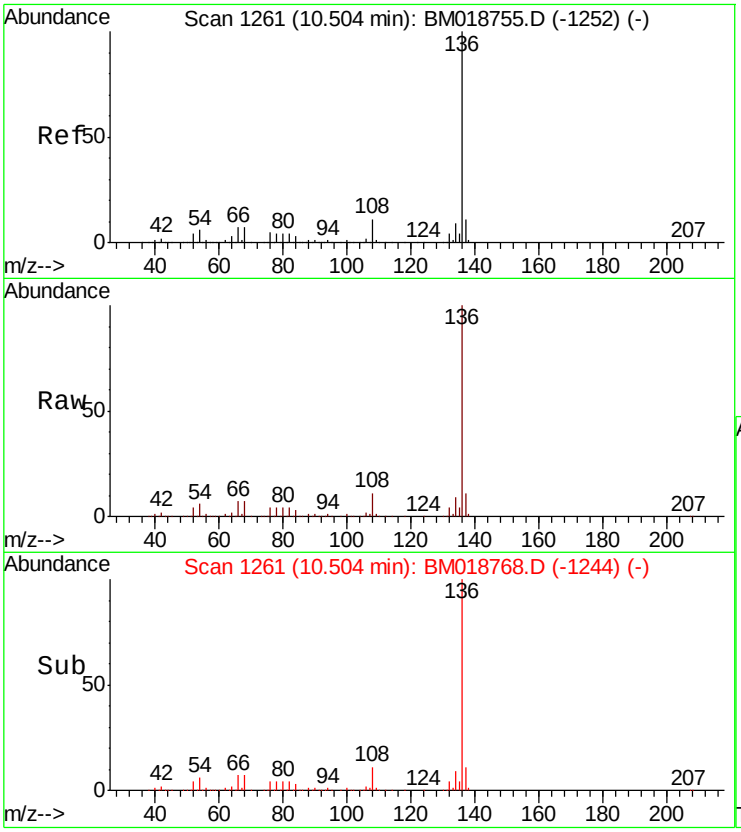


#10
Phenol
Concen: 6.112 ng
RT: 6.92 min Scan# 651
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion: 94 Resp: 182345

Ion	Ratio	Lower	Upper
94	100		
65	31.5	9.6	49.6
66	41.7	20.4	60.4



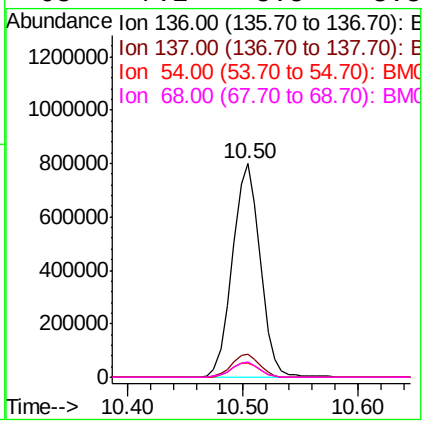


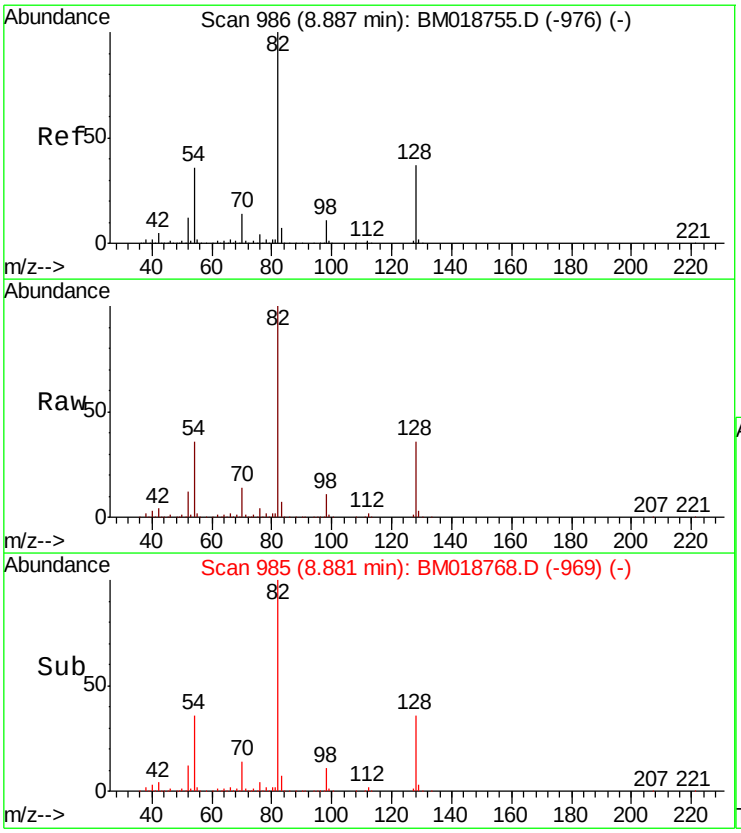
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion:136 Resp: 1330263

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.3	5.0	7.6
68	7.2	5.5	8.3

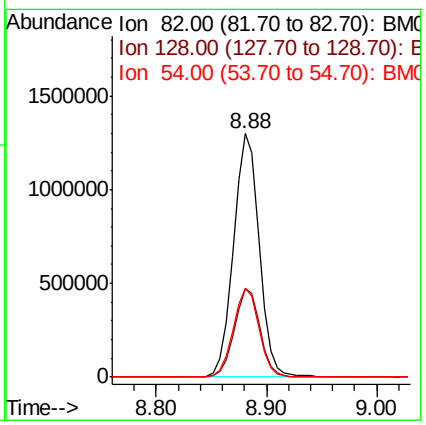


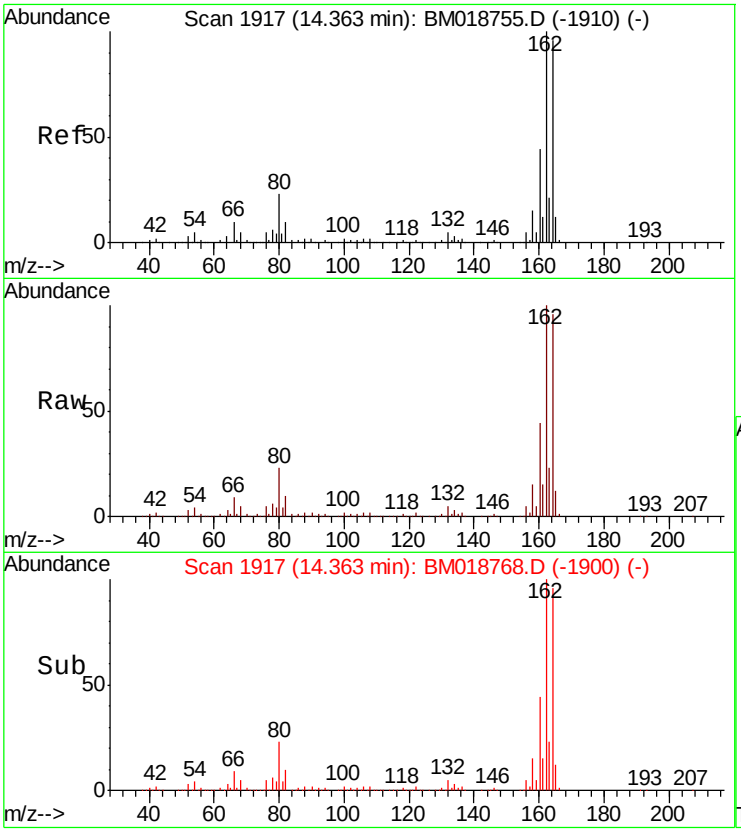


#23
Nitrobenzene-d5
Concen: 74.006 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion: 82 Resp: 2129123

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.9	44.9
54	36.5	29.1	43.7



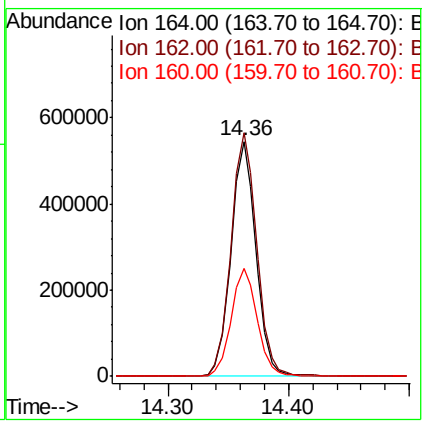


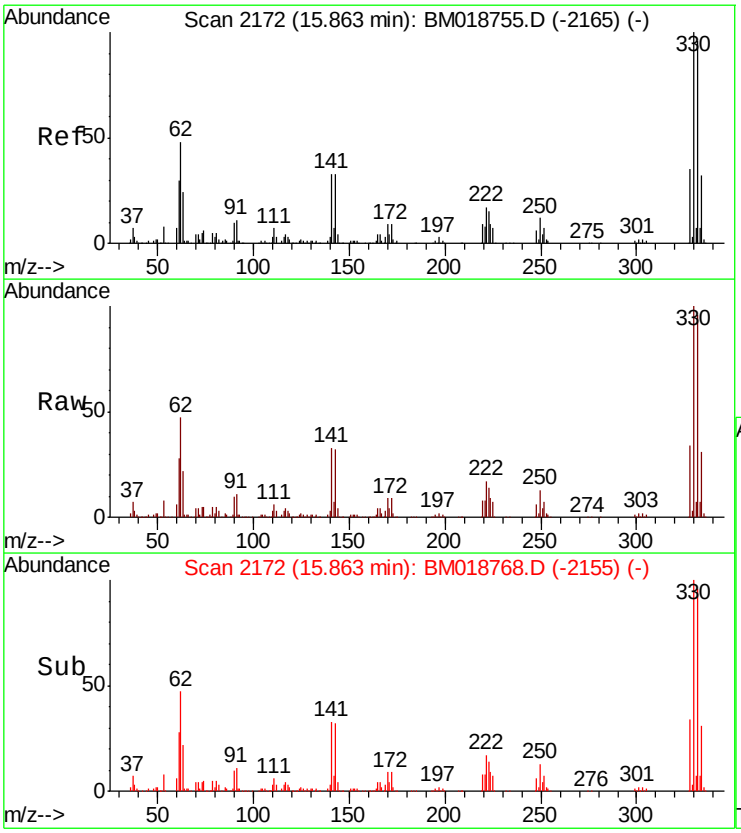
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion:164 Resp: 787486

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.4	125.0
160	45.8	36.6	55.0

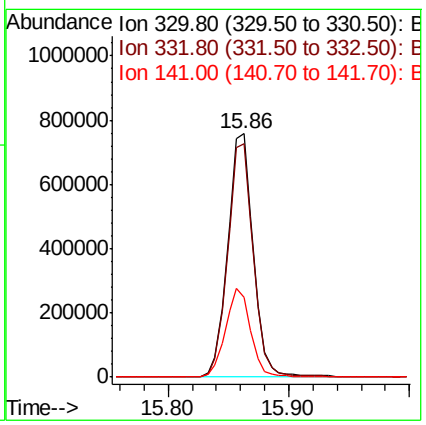


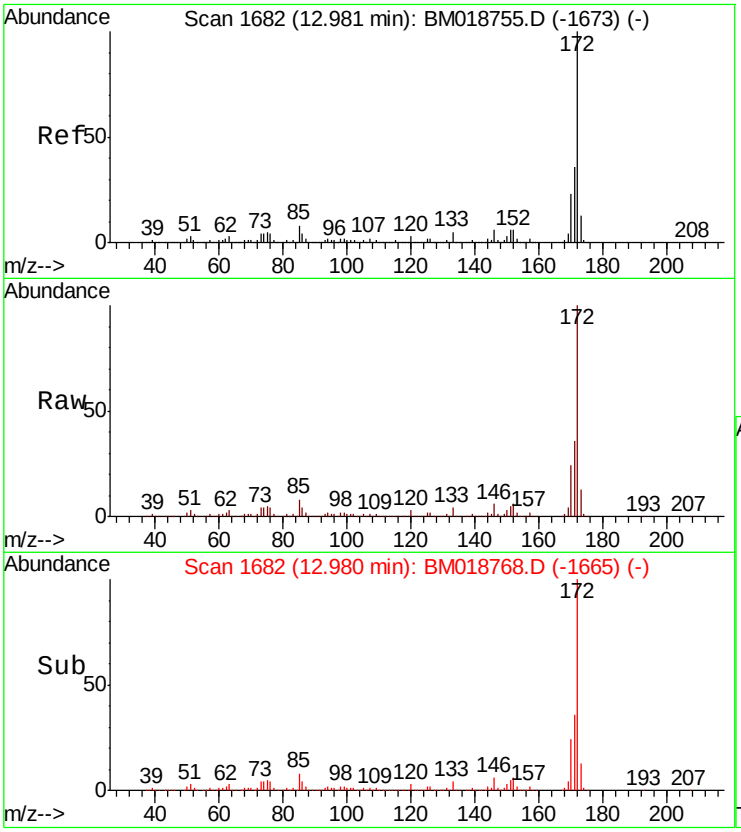


#42
2,4,6-Tribromophenol
Concen: 98.235 ng
RT: 15.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:330 Resp: 1115108

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	35.9	28.7	43.1



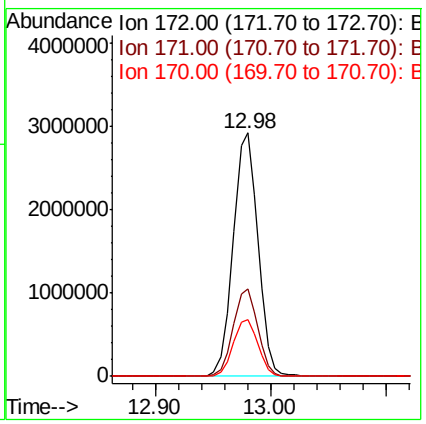


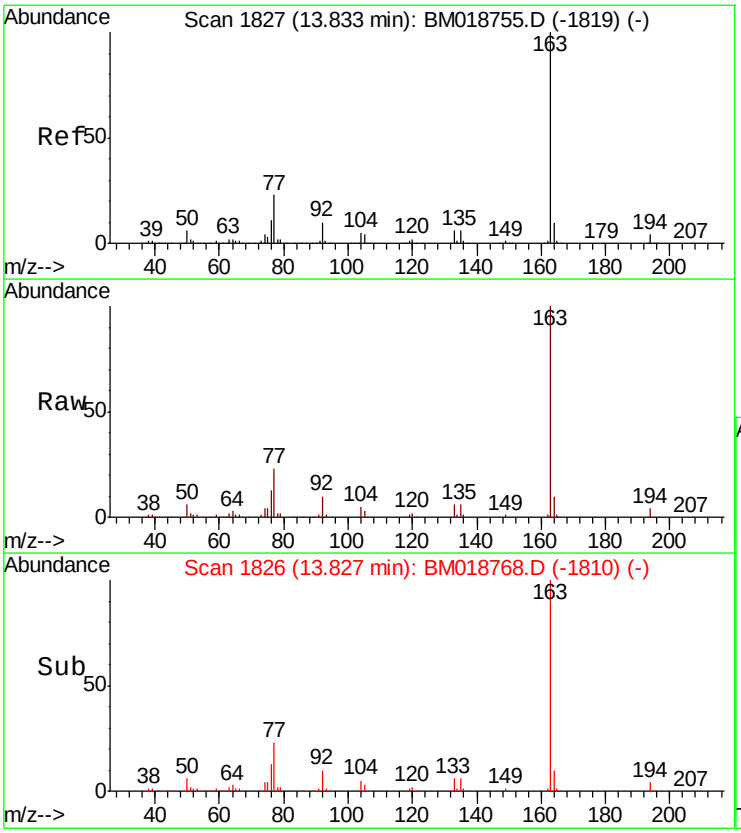
#45
2-Fluorobiphenyl
Concen: 73.038 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion:172 Resp: 4332771

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.6	18.6	28.0

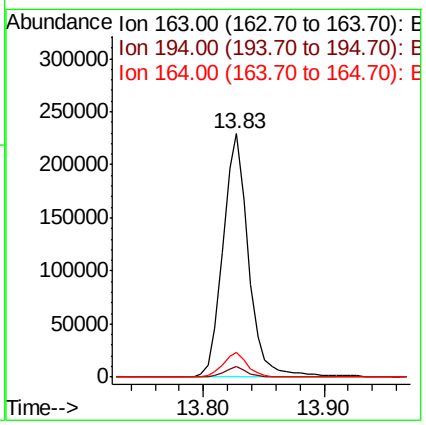


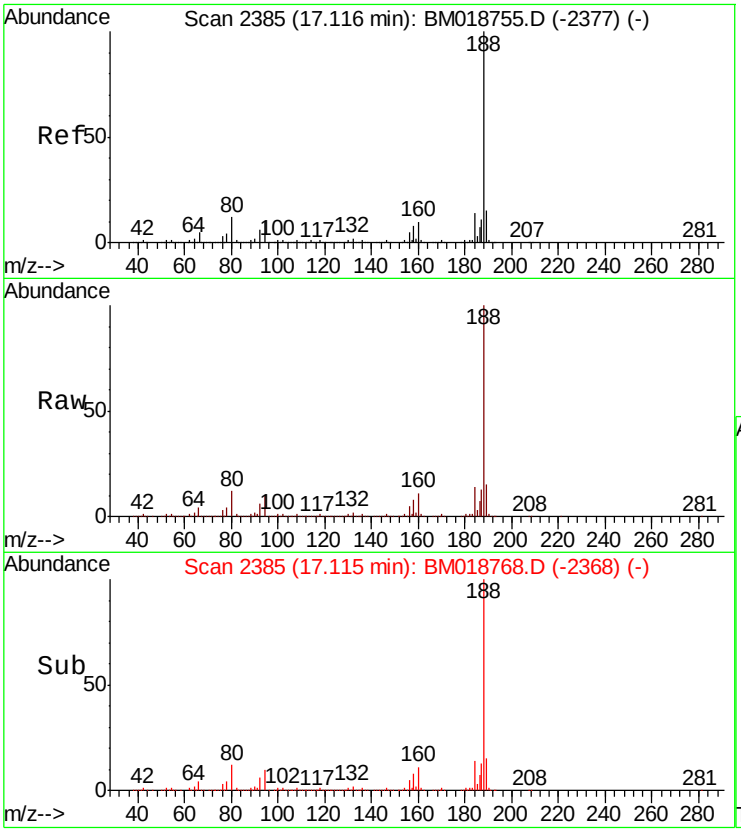


#50
Dimethylphthalate
Concen: 5.108 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:163 Resp: 335239

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	7.8	11.8



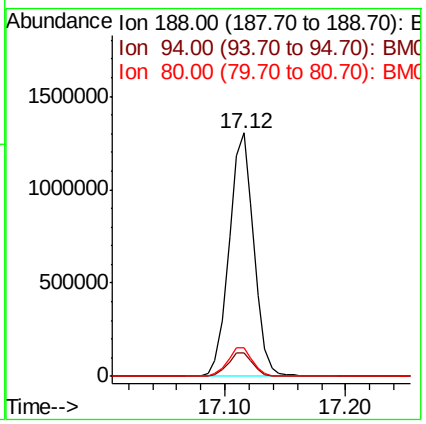


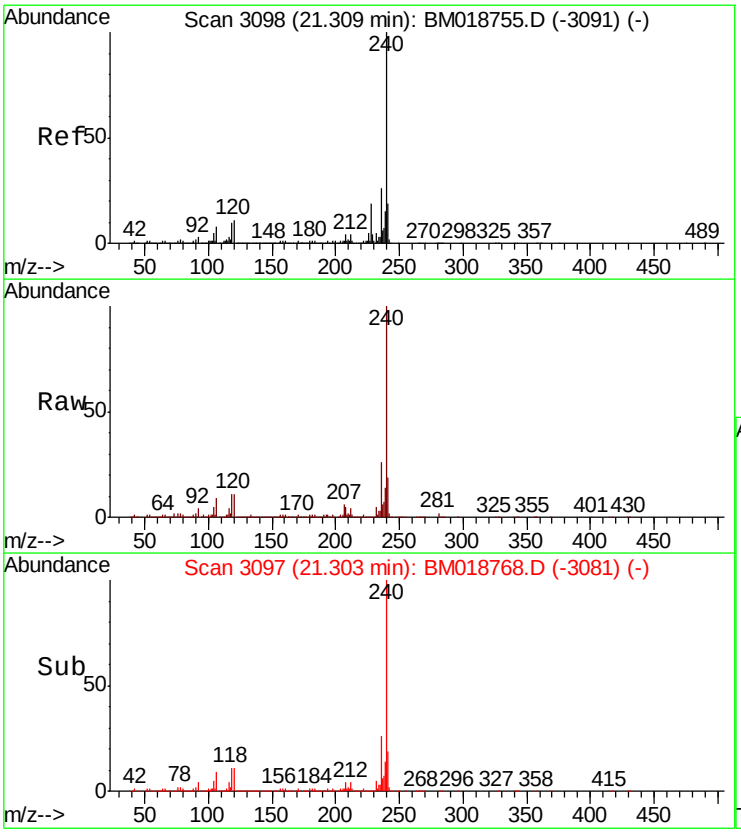
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion:188 Resp: 1849996

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	11.9	9.7	14.5

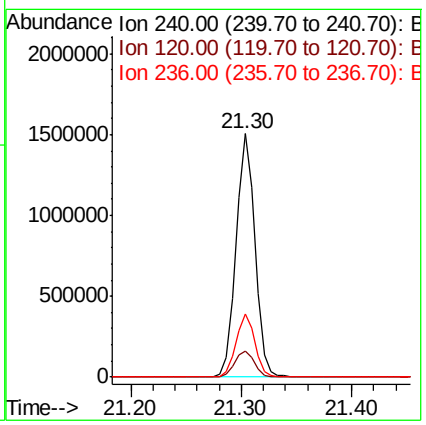


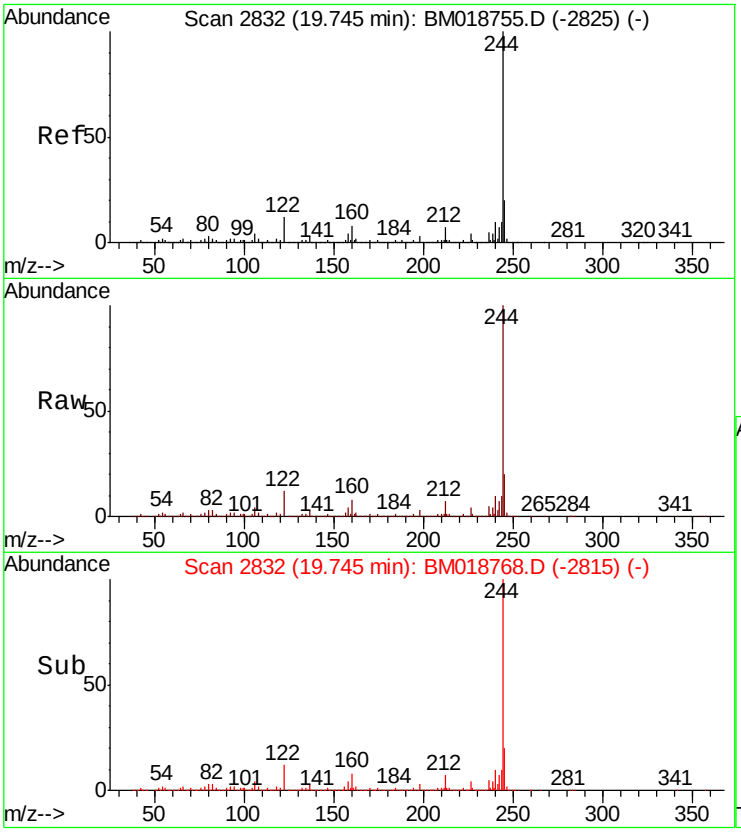


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:240 Resp: 1820383

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	26.1	20.9	31.3



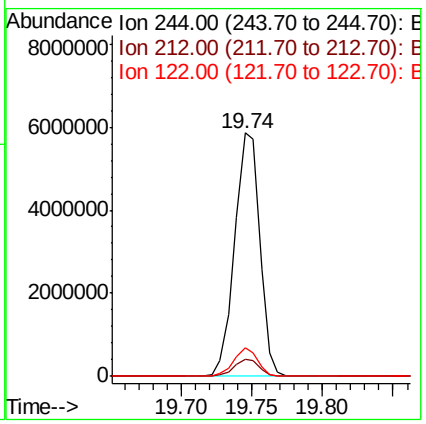


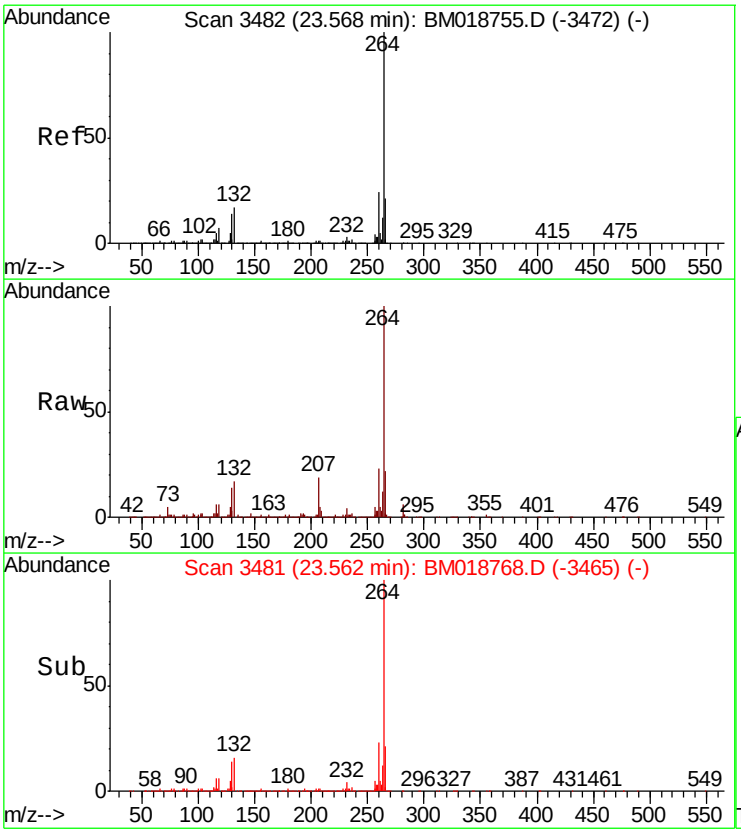
#79
Terphenyl-d14
Concen: 82.325 ng
RT: 19.74 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tgt Ion:244 Resp: 7264680

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.5	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:264 Resp: 1547891

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.9	17.3	25.9