Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022119\
Data File : BM018899.D
Acq On : 21 Feb 2019 17:08
Operator : JU/SJ
Sample : K1537-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DRUM-1-2

Quant Time: Feb 21 21:56:35 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	7.70	152	329119	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1356198	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	830167	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1845204	20.00	ng	0.02
76) Chrysene-d12	21.31	240	1599735	20.00	ng	0.00
87) Perylene-d12	23.55	264	1367808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2392874	119.13	ng	-0.01
7) Phenol-d6	6.88	99	3314822	117.14	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2279899	77.73	ng	-0.02
42) 2,4,6-Tribromophenol	15.86	330	1679992	140.39	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	4777569	76.40	ng	-0.02
79) Terphenyl-d14	19.76	244	7982505	102.94	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.88	77	6672	Below Cal	#	12
50) Dimethylphthalate	13.81	163	198646	2.871	ng	# 89
54) 2,4-Dinitrophenol	14.50	184	2445	6.000	ng	# 1
58) Fluorene	15.41	166	165933	2.619	ng	# 1
60) Diethylphthalate	15.13	149	172418	2.416	ng	# 47
67) 4-Bromophenyl-phenylether	16.27	248	46494	2.251	ng	# 1
69) Atrazine	16.59	200	141926	7.552	ng	# 1

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

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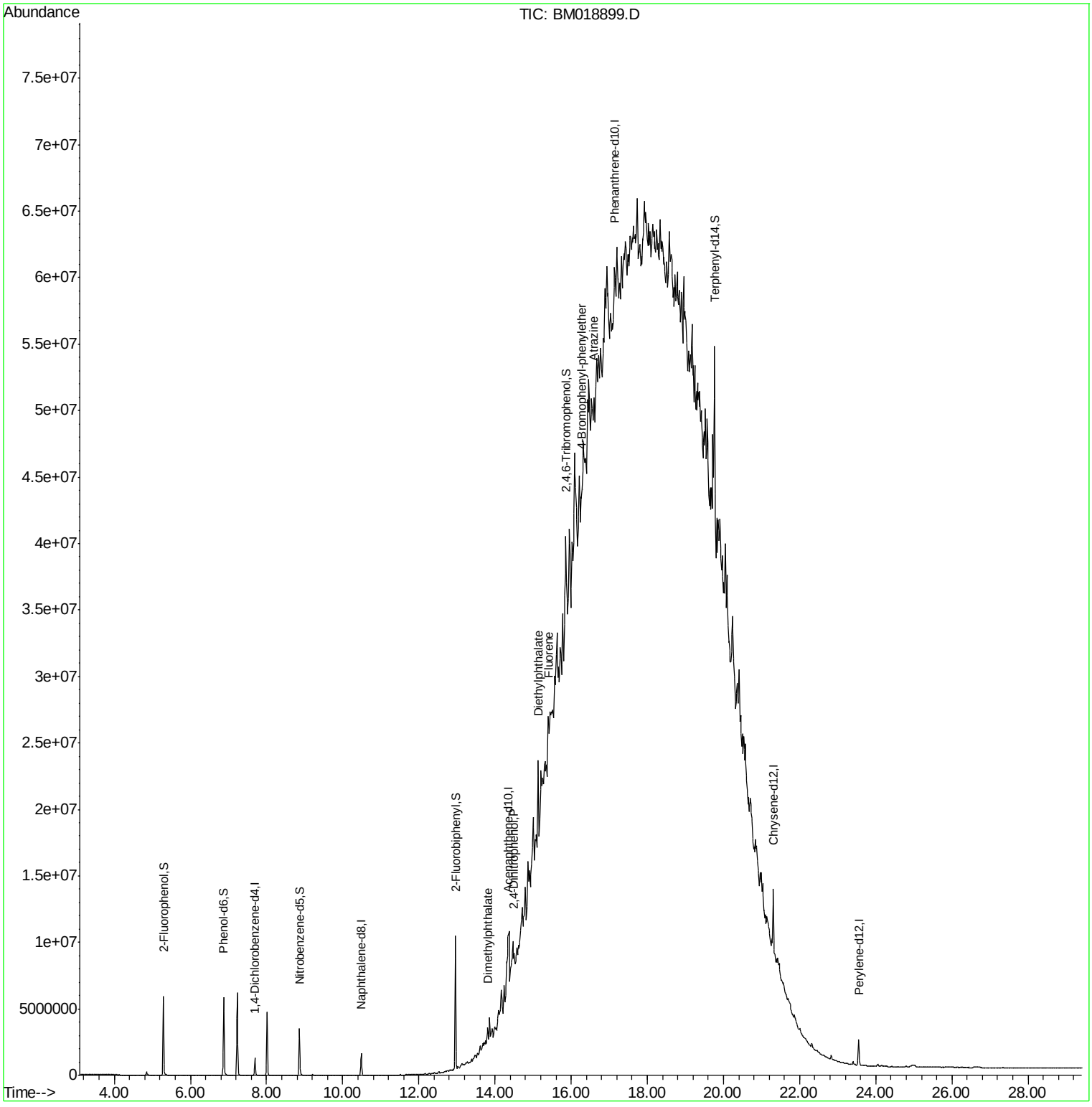
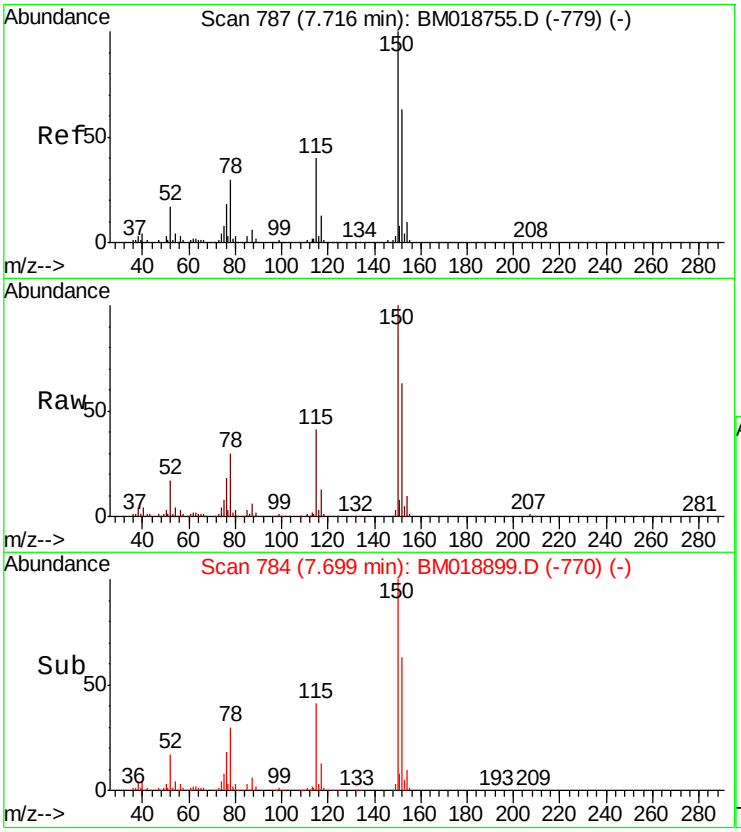


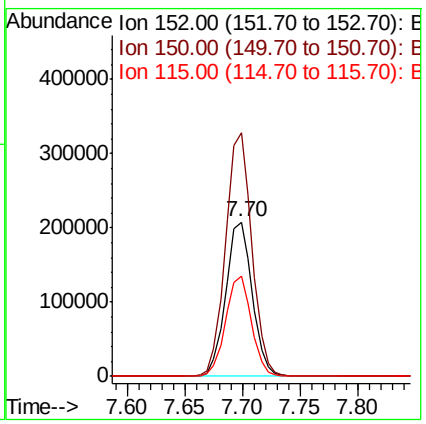


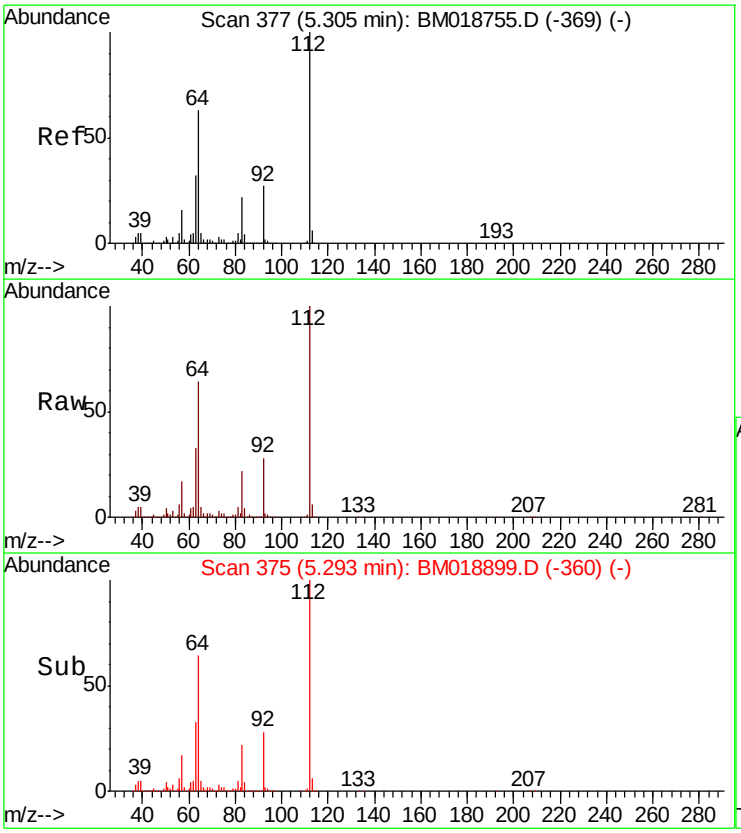
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion:152 Resp: 329119

Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.3	190.9
115	64.8	50.8	76.2

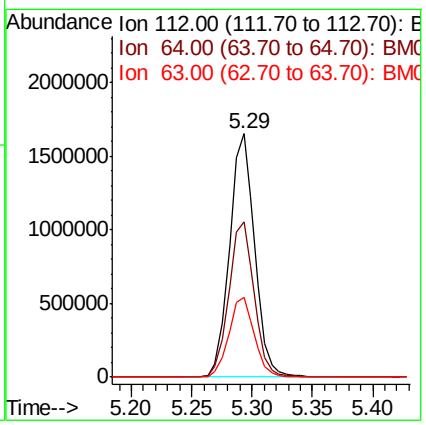


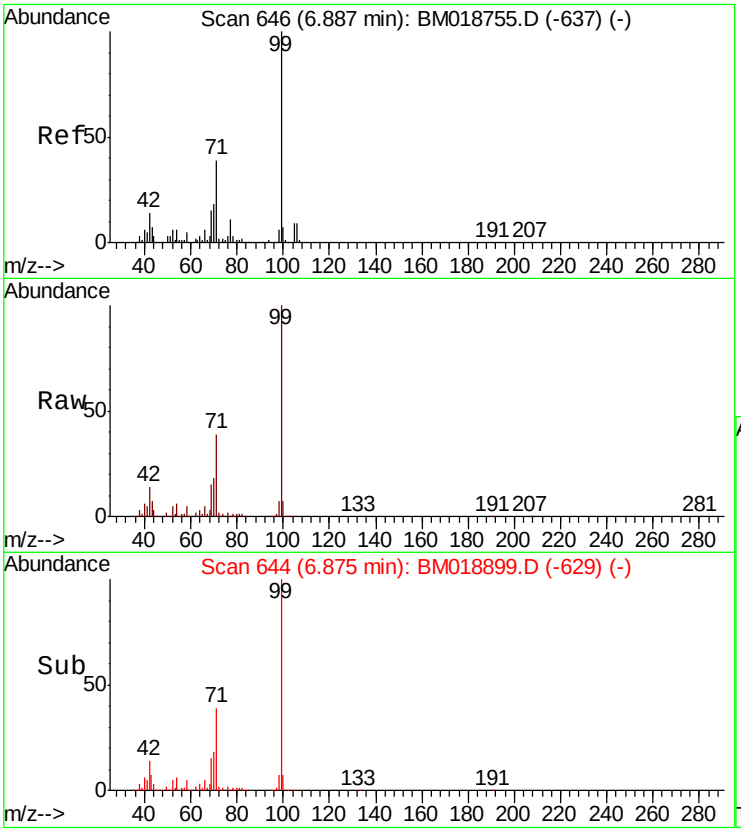


#5
2-Fluorophenol
Concen: 119.126 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:112 Resp: 2392874

Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.6	75.8
63	33.0	25.7	38.5



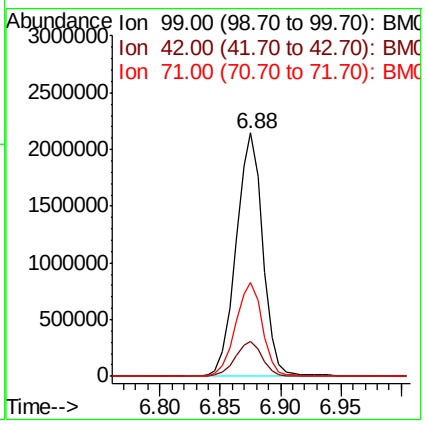


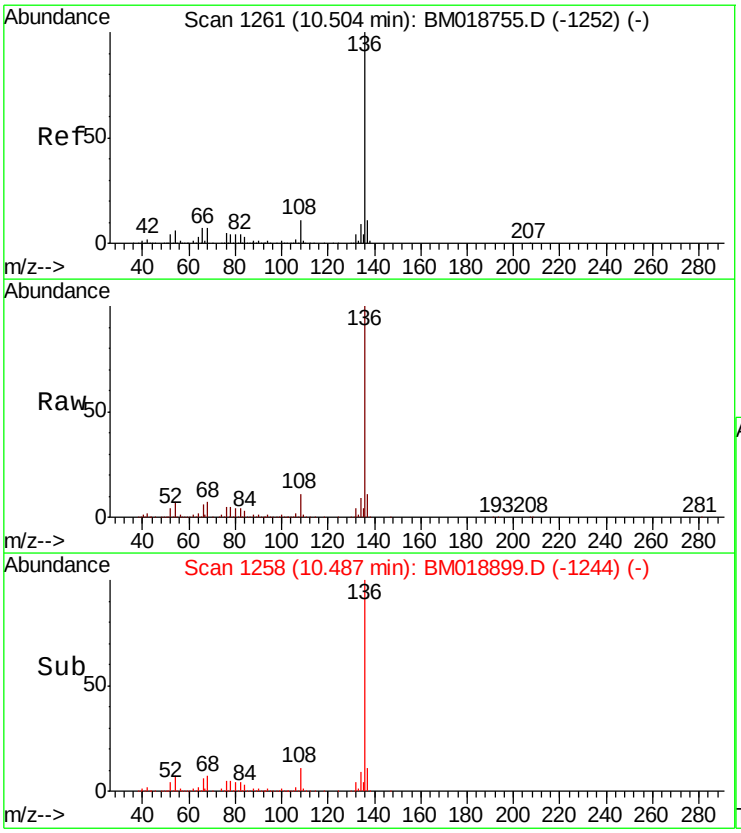
#7
Phenol-d6
Concen: 117.142 ng
RT: 6.88 min Scan# 644
Delta R.T. -0.01 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion: 99 Resp: 3314822

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.6	31.3	46.9

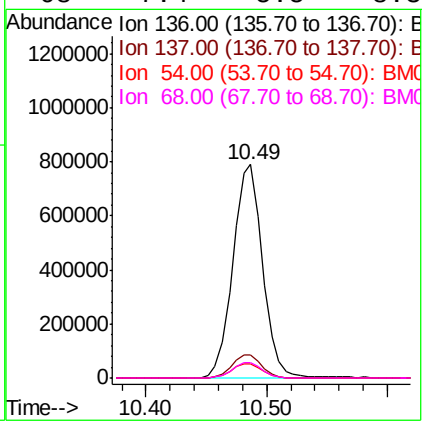


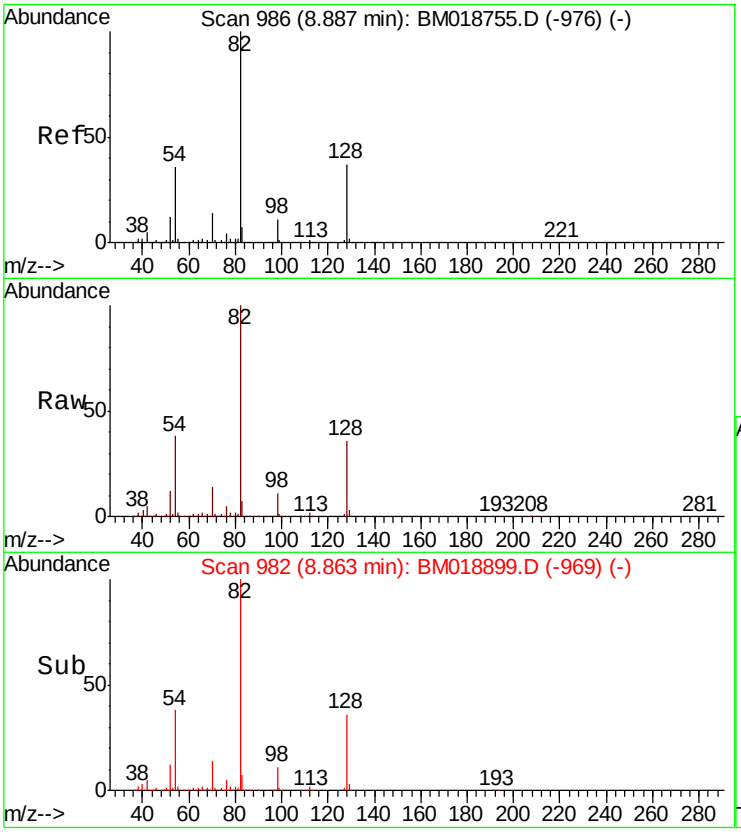


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:136 Resp: 1356198

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.7	5.0	7.6
68	7.4	5.5	8.3



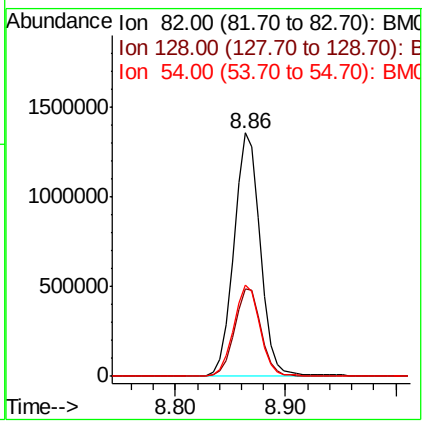


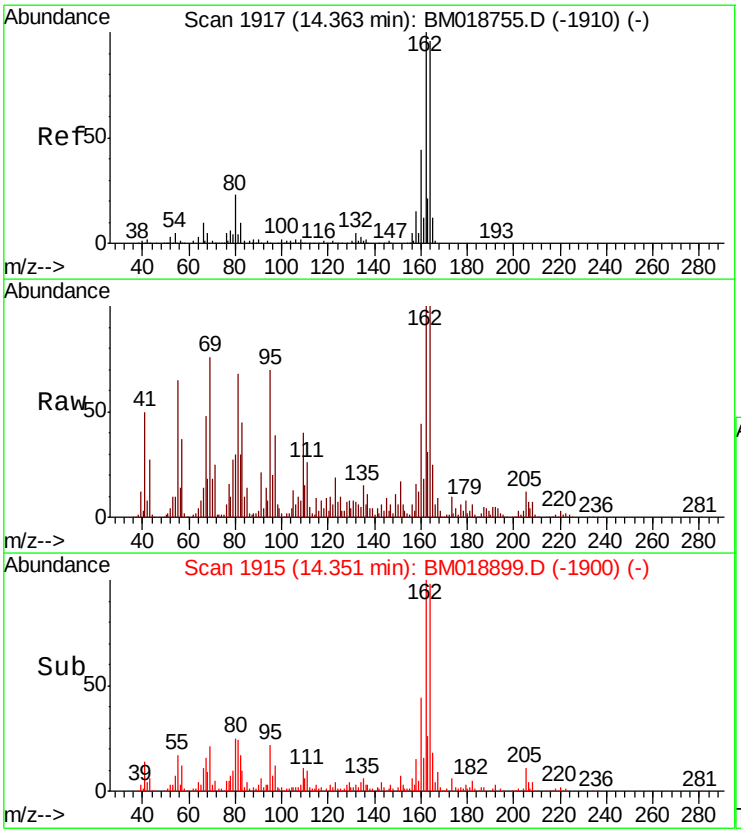
#23
Nitrobenzene-d5
Concen: 77.732 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion: 82 Resp: 2279899

Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.9	44.9
54	37.7	29.1	43.7

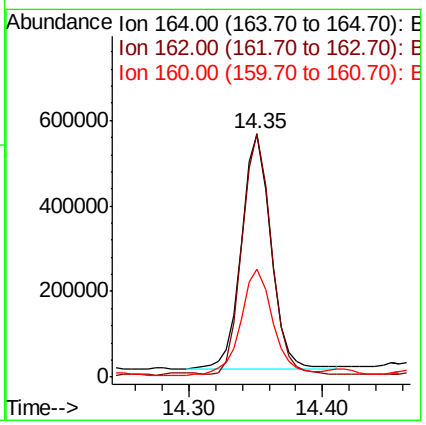


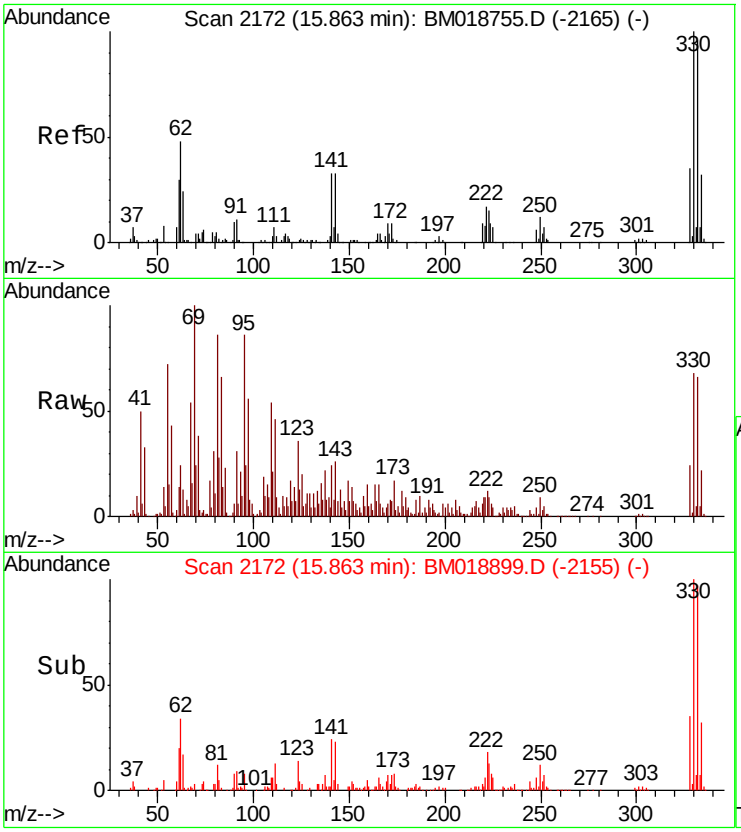


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:164 Resp: 830167

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.4	125.0
160	44.2	36.6	55.0



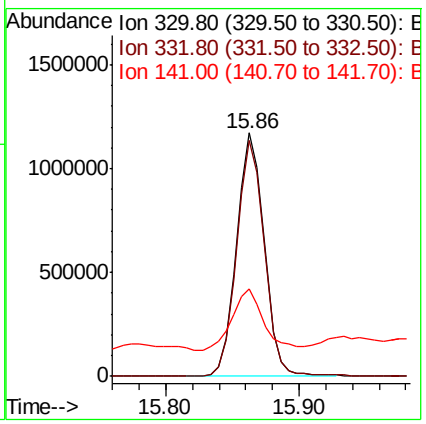


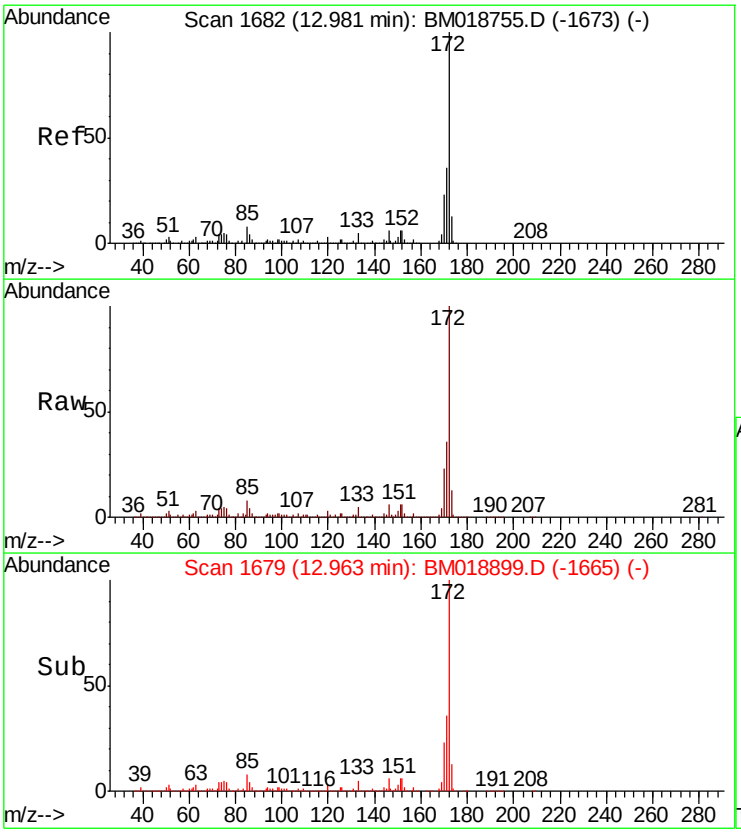
#42
2,4,6-Tribromophenol
Concen: 140.390 ng
RT: 15.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion:330 Resp: 1679992

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	29.7	28.7	43.1

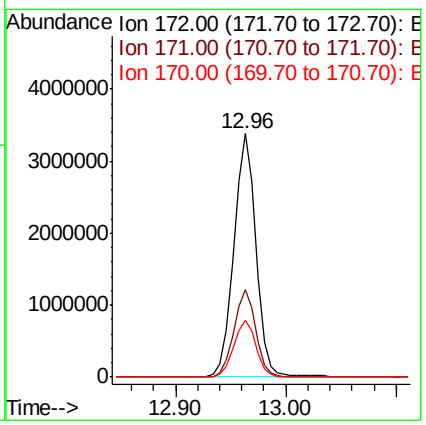


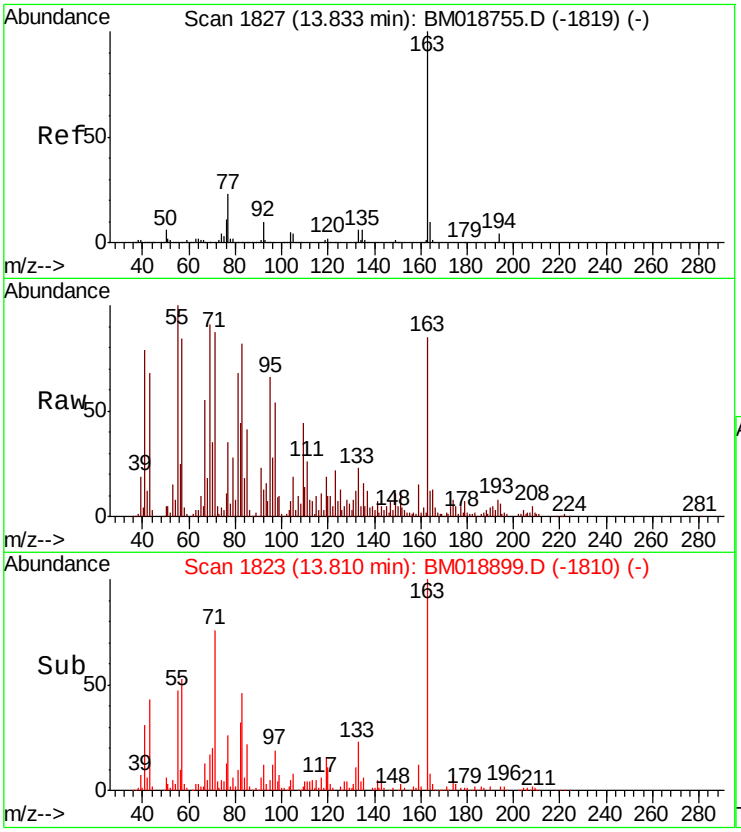


#45
2-Fluorobiphenyl
Concen: 76.396 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:172 Resp: 4777569

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.4	18.6	28.0



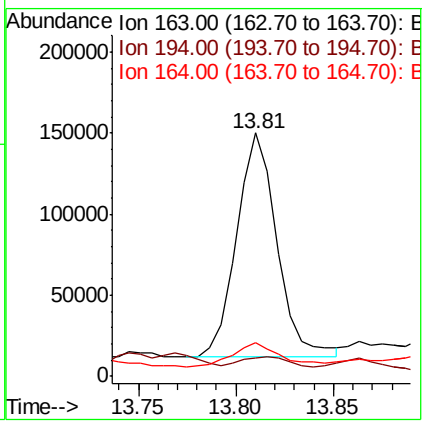


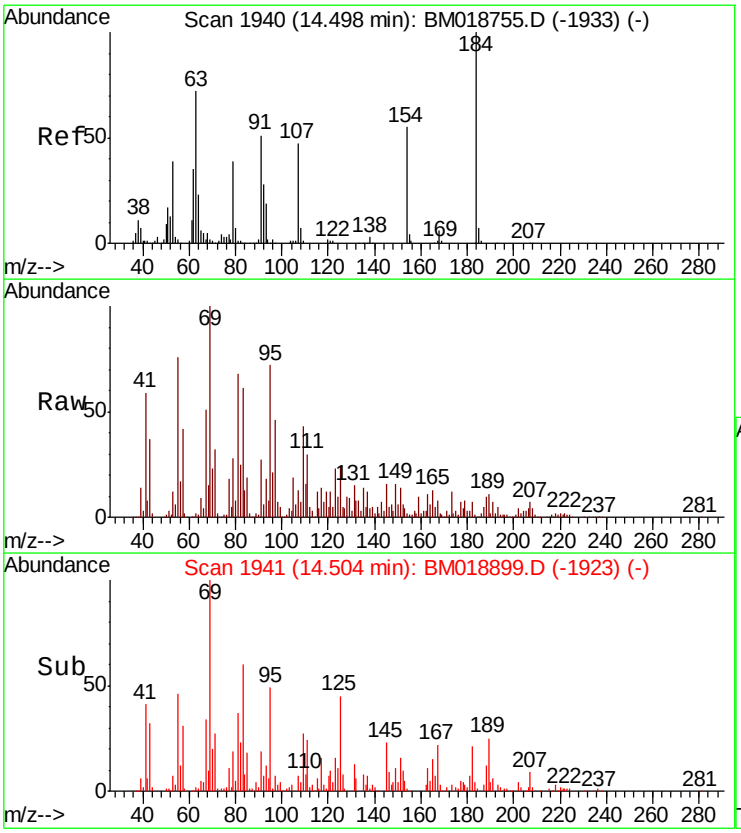
#50
Dimethylphthalate
Concen: 2.871 ng
RT: 13.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion:163 Resp: 198646

Ion	Ratio	Lower	Upper
163	100		
194	7.5	3.2	4.8#
164	13.8	7.8	11.8#

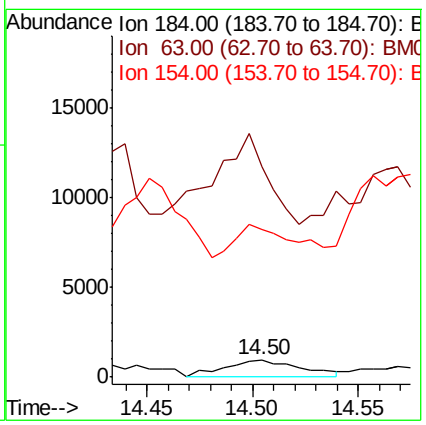


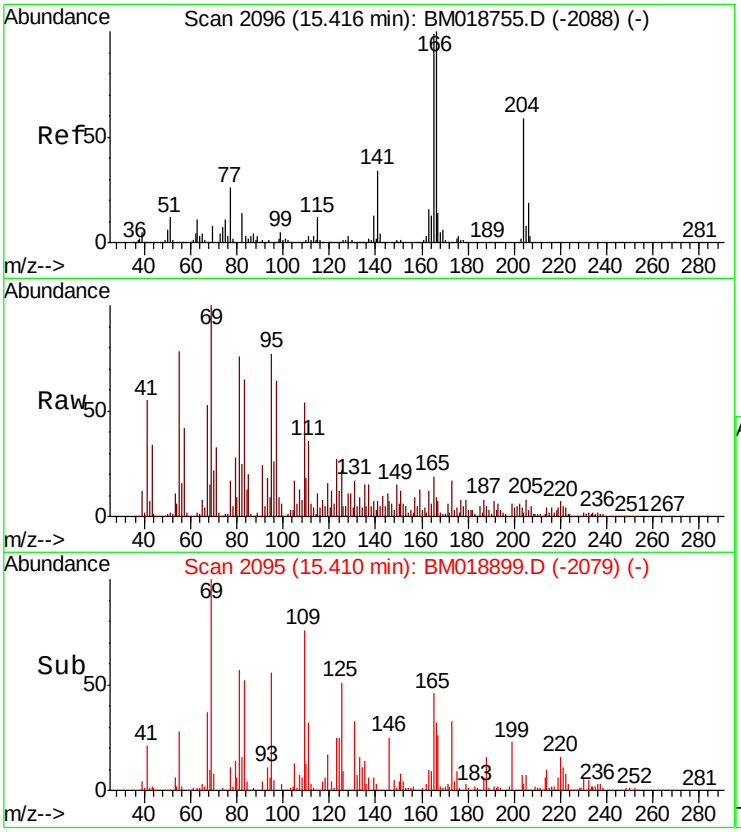


#54
2,4-Dinitrophenol
Concen: 6.000 ng
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:184 Resp: 2445

Ion	Ratio	Lower	Upper
184	100		
63	1207.5	58.0	87.0#
154	849.4	50.3	75.5#



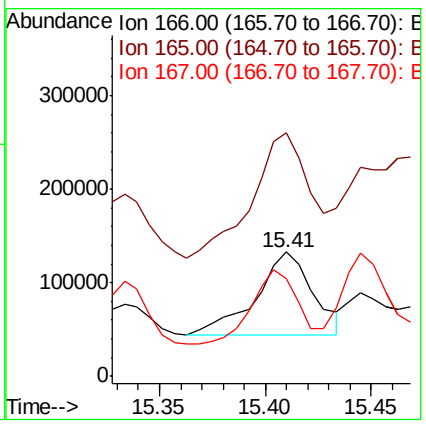


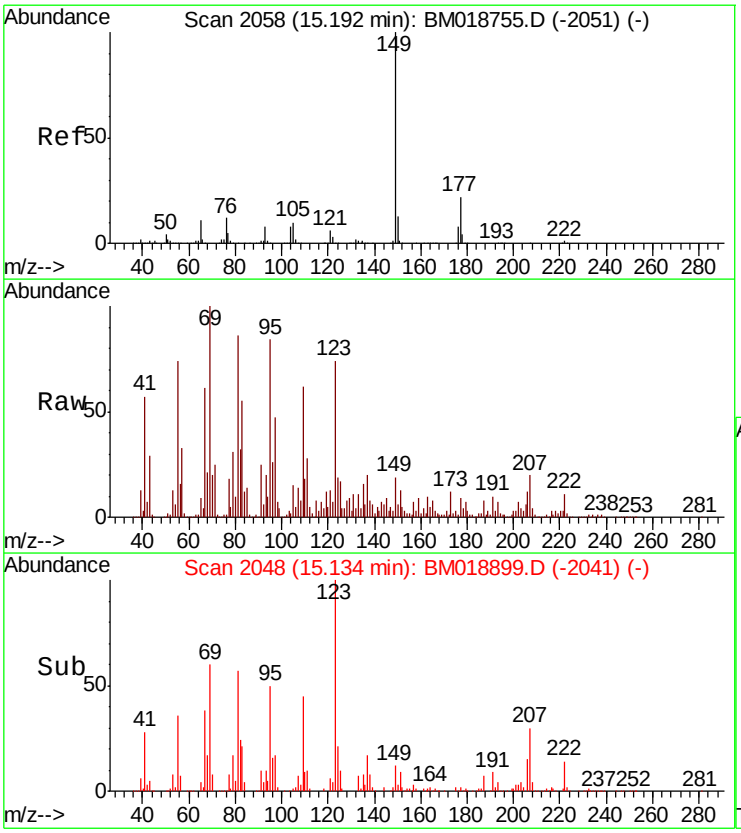
#58
Fluorene
Concen: 2.619 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion:166 Resp: 165933

Ion	Ratio	Lower	Upper
166	100		
165	195.7	79.1	118.7#
167	78.5	11.0	16.4#

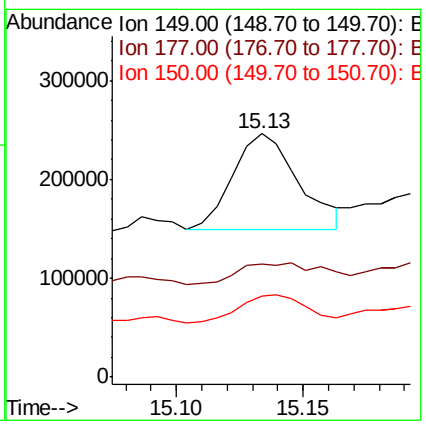


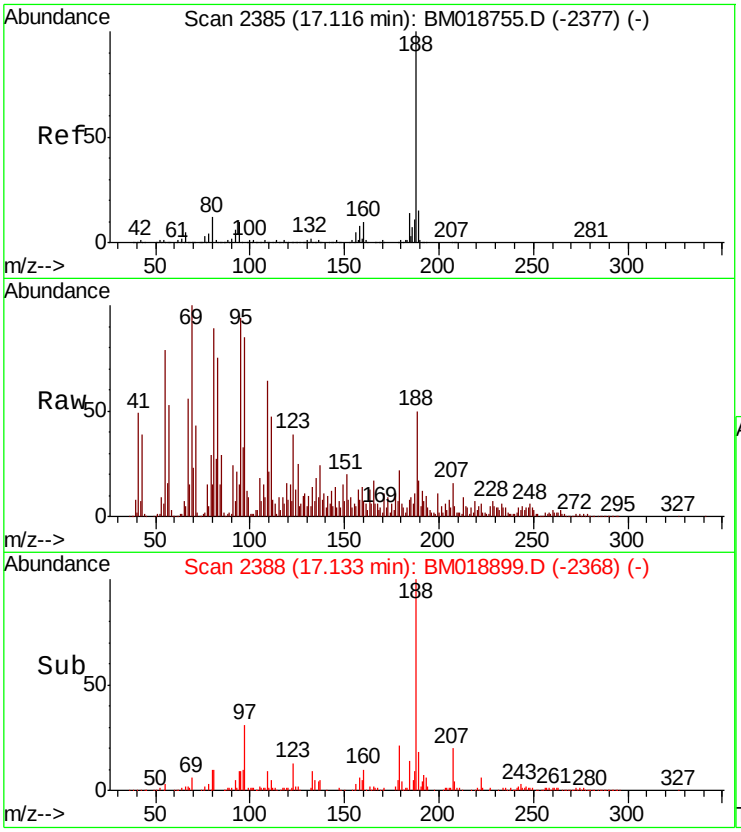


#60
Diethylphthalate
Concen: 2.416 ng
RT: 15.13 min Scan# 2048
Delta R.T. -0.06 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:149 Resp: 172418

Ion	Ratio	Lower	Upper
149	100		
177	46.6	17.2	25.8#
150	33.1	10.2	15.2#



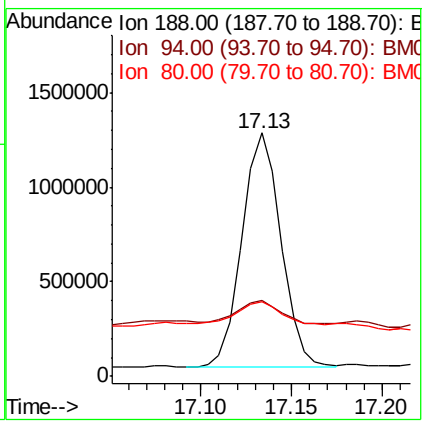


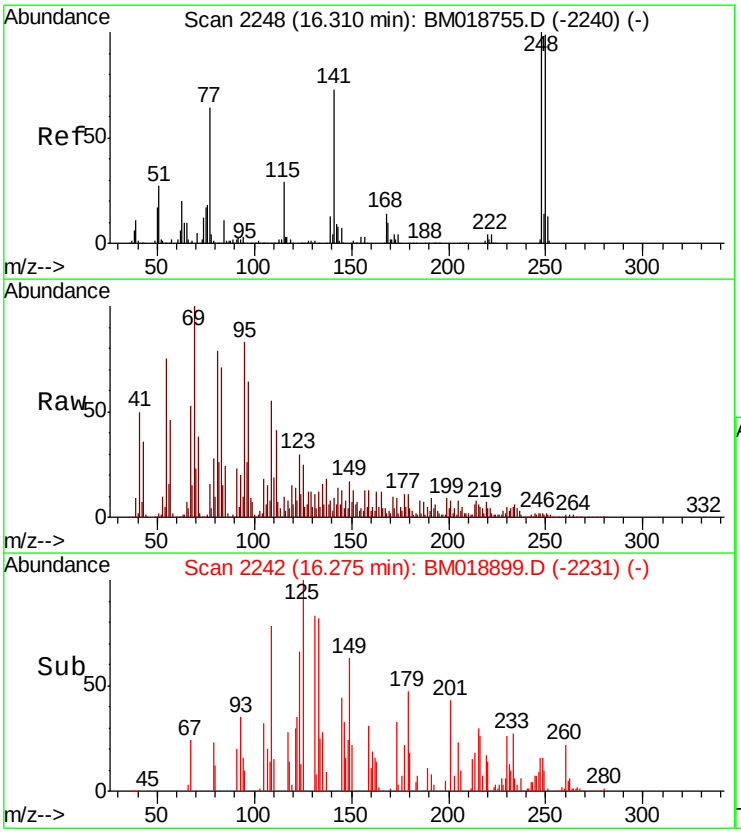
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. 0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion:188 Resp: 1845204

Ion	Ratio	Lower	Upper
188	100		
94	31.0	8.2	12.2#
80	30.4	9.7	14.5#

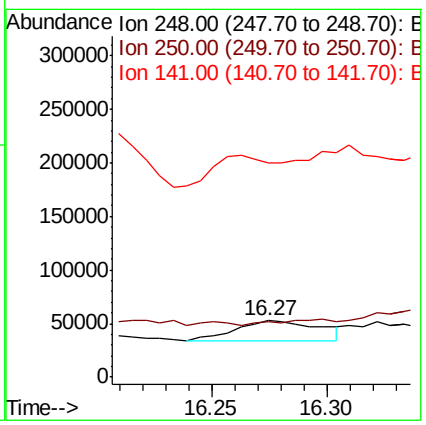


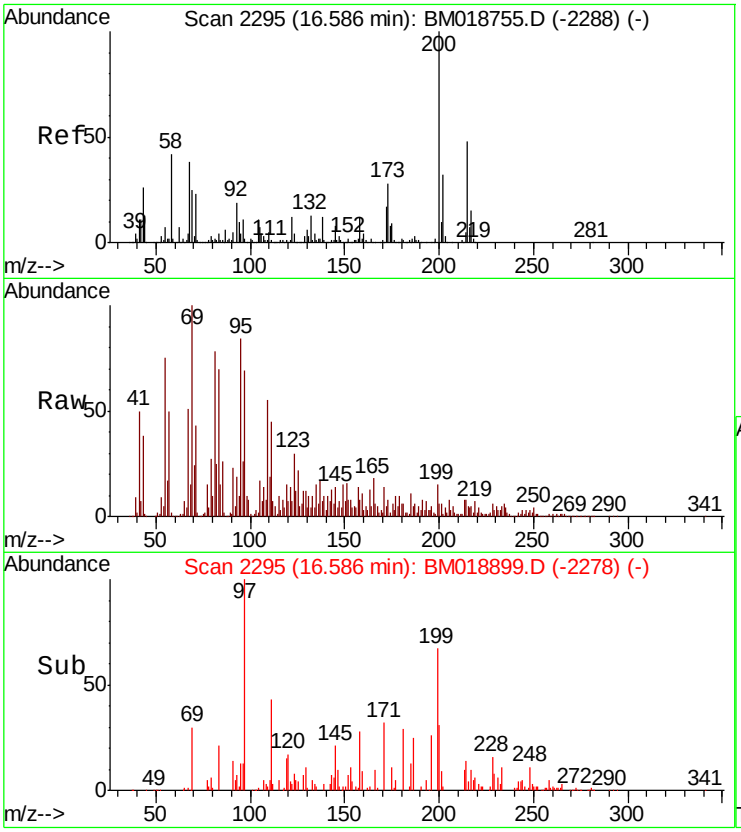


#67
4-Bromophenyl-phenylether
Concen: 2.251 ng
RT: 16.27 min Scan# 2242
Delta R.T. -0.04 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:248 Resp: 46494

Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.0	118.6
141	378.6	58.6	88.0#



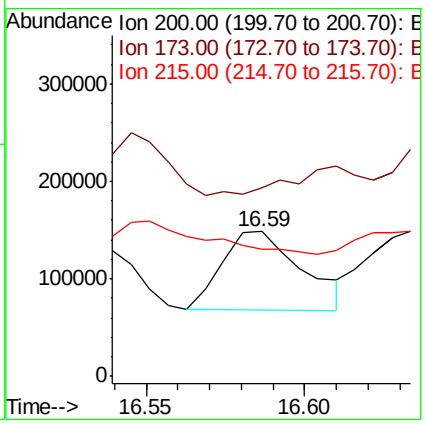


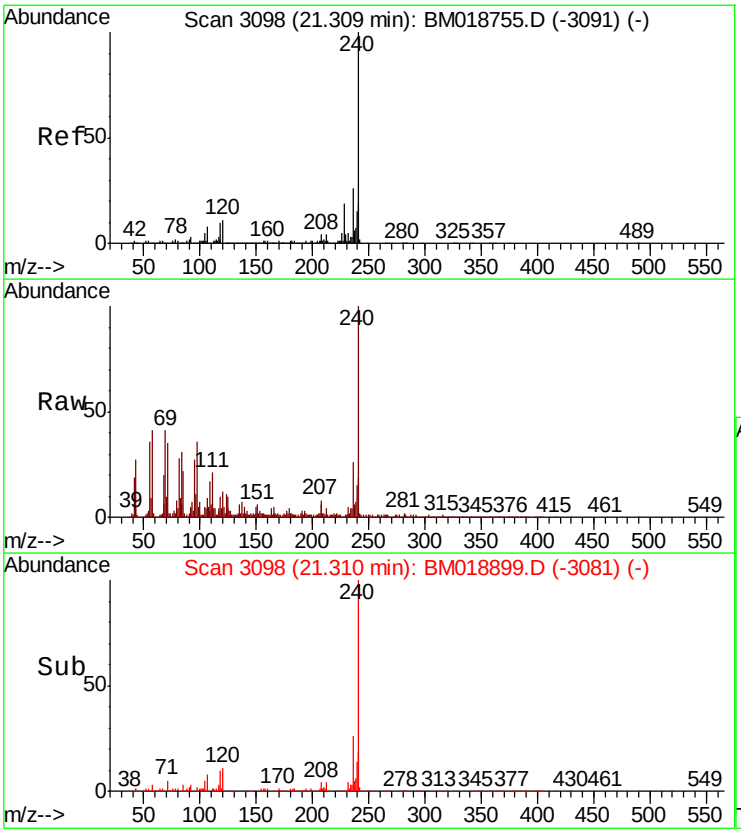
#69
Atrazine
Concen: 7.552 ng
RT: 16.59 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion:200 Resp: 141926

Ion	Ratio	Lower	Upper
200	100		
173	130.2	7.6	47.6#
215	87.8	27.6	67.6#

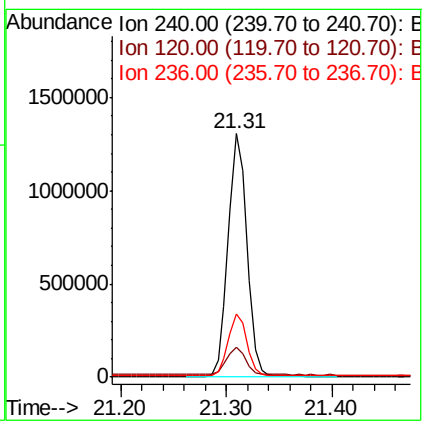


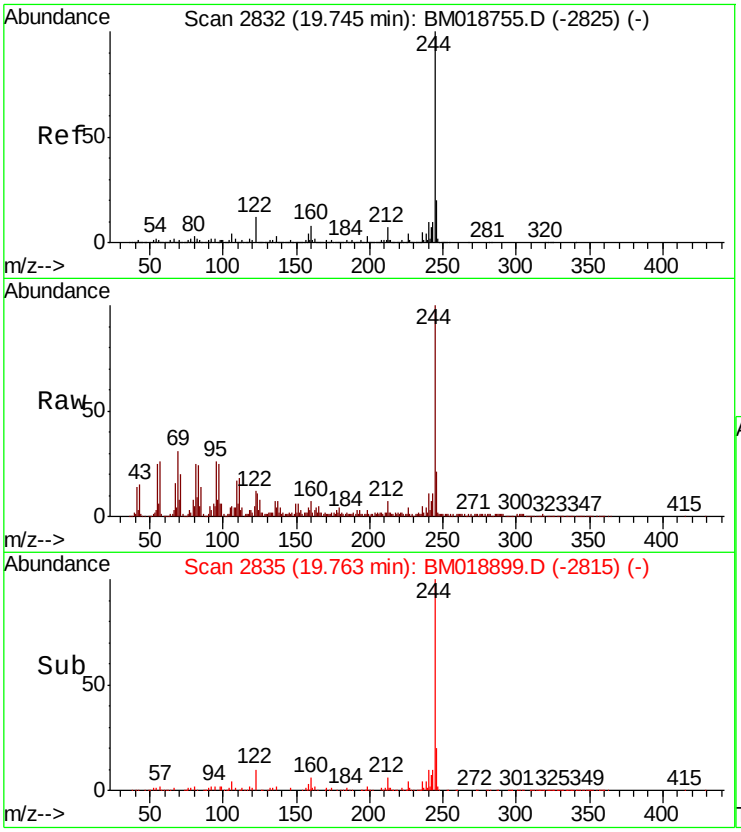


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:240 Resp: 1599735

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	26.1	20.9	31.3



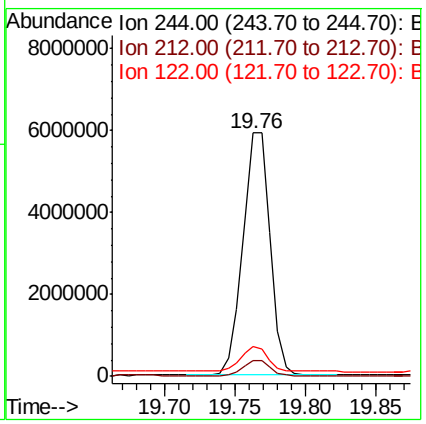


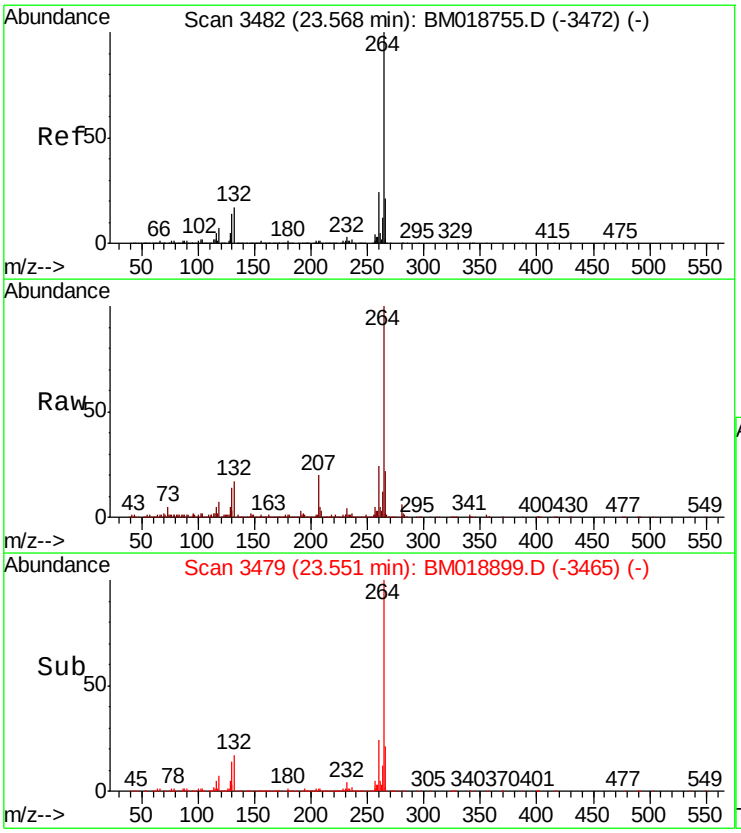
#79
Terphenyl-d14
Concen: 102.936 ng
RT: 19.76 min Scan# 2835
Delta R.T. 0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion:244 Resp: 7982505

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	12.4	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:264 Resp: 1367808

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	17.3	25.9