Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018906.D
Acq On : 21 Feb 2019 21:20
Operator : JU/SJ
Sample : K1546-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RT-3422

Quant Time: Feb 22 04:18:42 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	279911	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1113053	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	628086	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1457857	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1313108	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1158149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2256229	132.07	ng	-0.01
7) Phenol-d6	6.87	99	2702361	112.29	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2310138	95.97	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1310486	144.75	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4414808	93.31	ng	-0.02
79) Terphenyl-d14	19.73	244	7449863	117.04	ng	-0.01

Target Compounds	Qvalue

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

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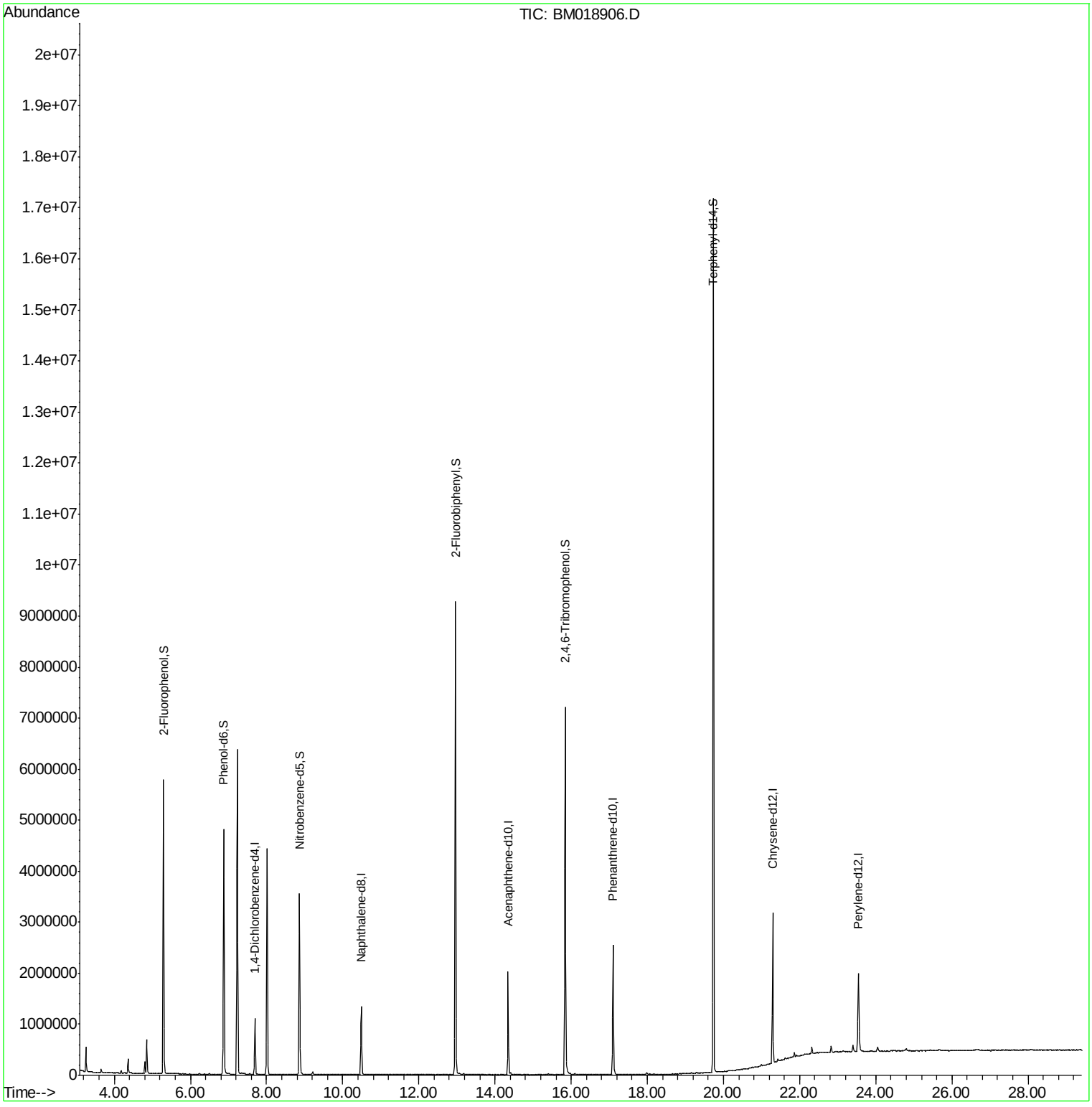
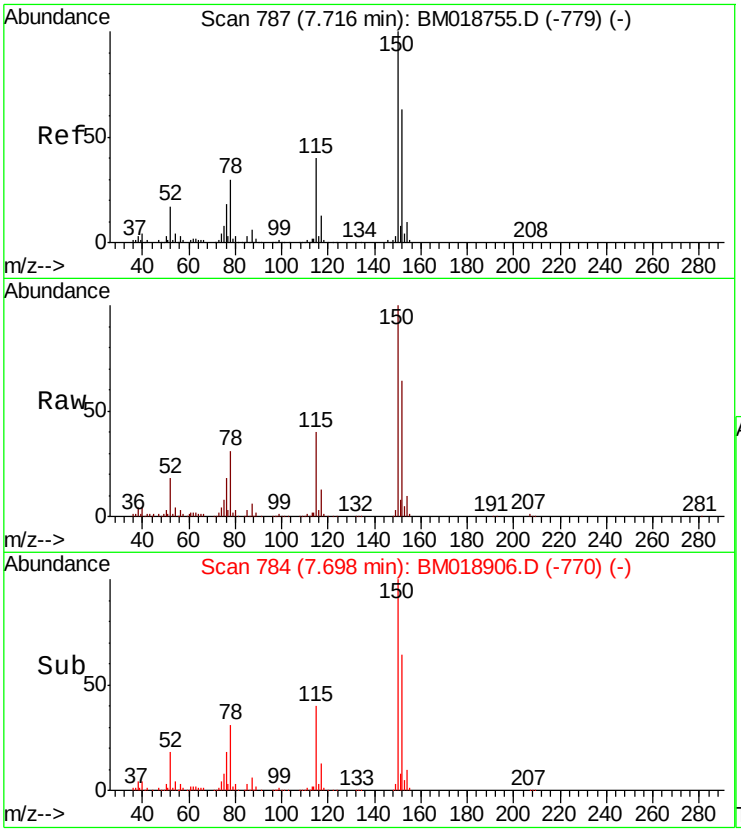


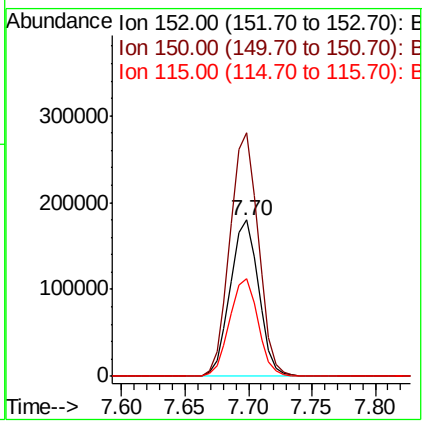


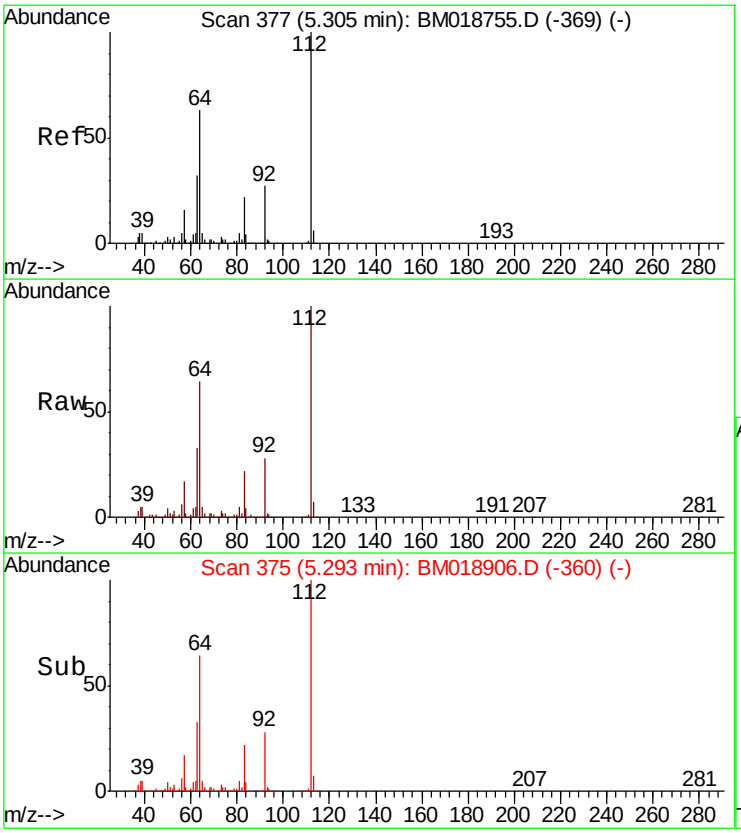
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Instrument :
BNA_M
ClientSampleId :
RT-3422

Tgt Ion:152 Resp: 279911

Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.3	190.9
115	62.8	50.8	76.2

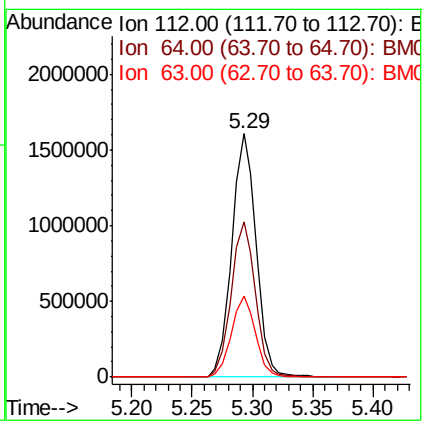


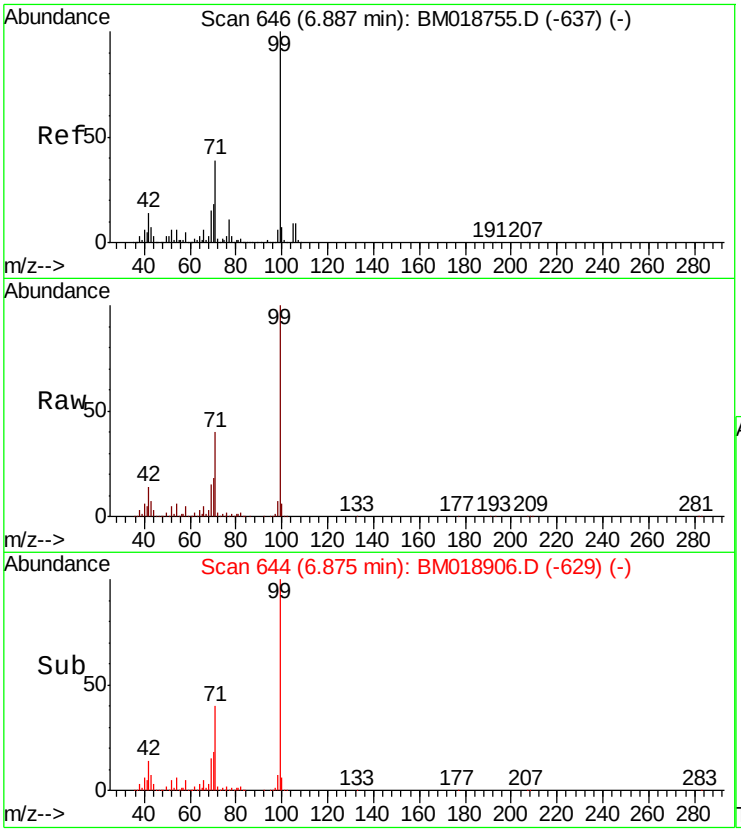


#5
2-Fluorophenol
Concen: 132.070 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Tgt Ion:112 Resp: 2256229

Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.6	75.8
63	33.2	25.7	38.5



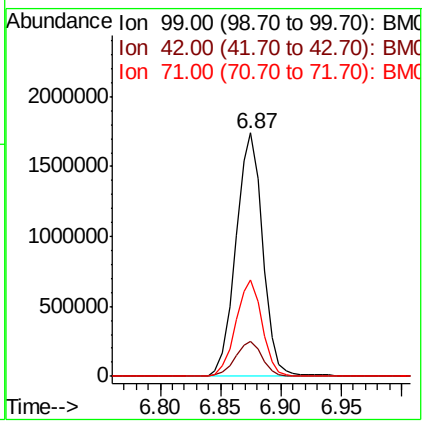


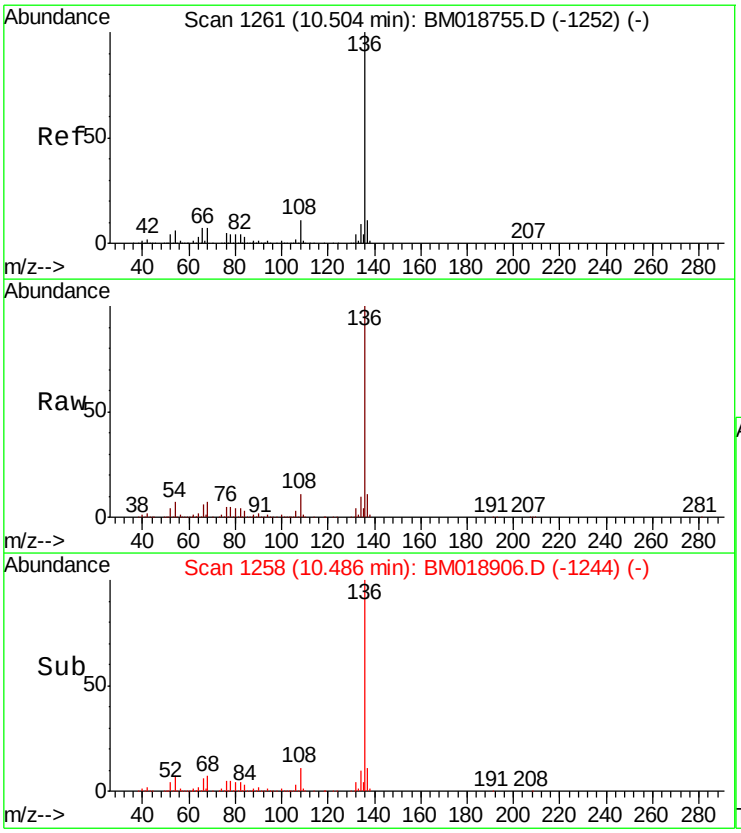
#7
Phenol-d6
Concen: 112.287 ng
RT: 6.87 min Scan# 644
Delta R.T. -0.01 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Instrument :
BNA_M
ClientSampleId :
RT-3422

Tgt Ion: 99 Resp: 2702361

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.6
71	39.7	31.3	46.9

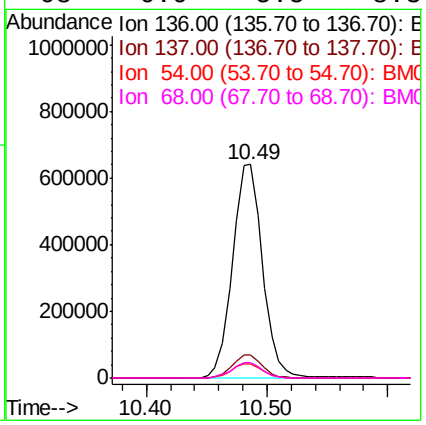


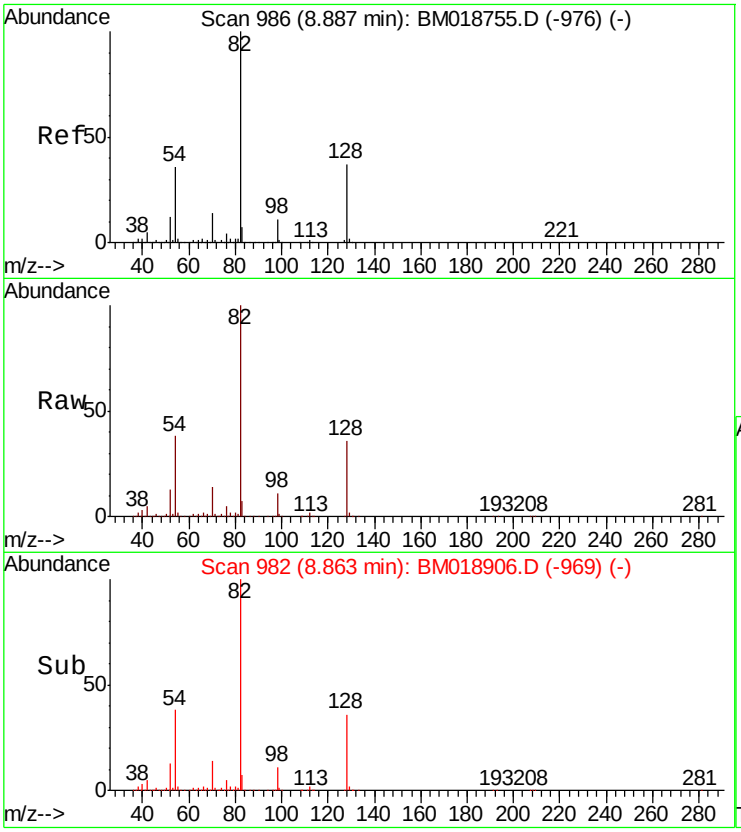


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Tgt Ion:136 Resp: 1113053

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.7	5.0	7.6
68	6.9	5.5	8.3



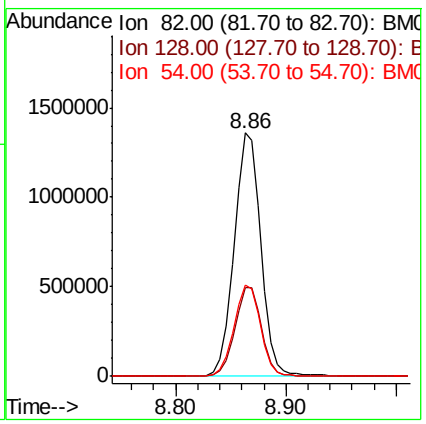


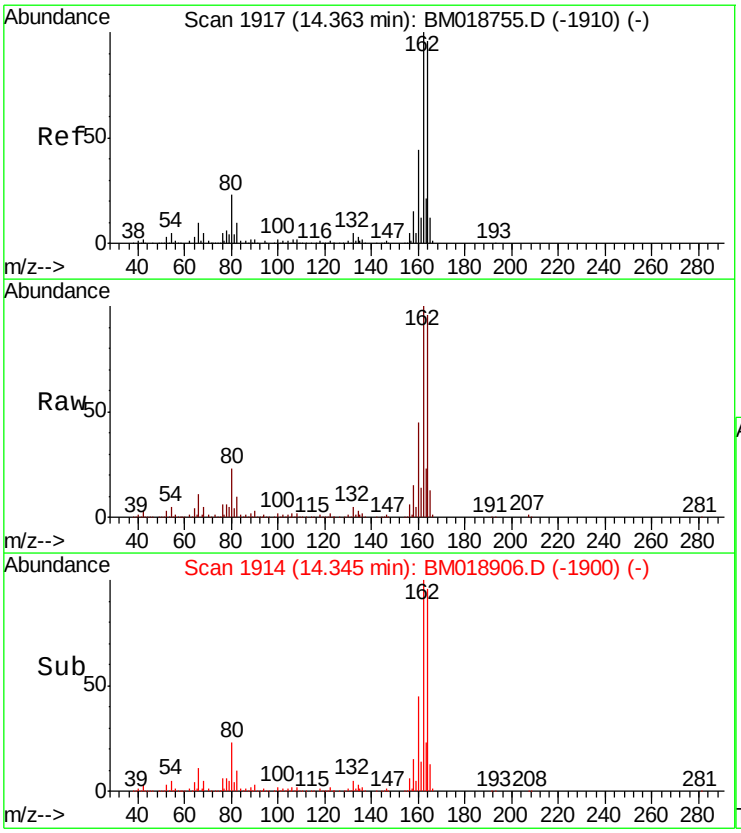
#23
Nitrobenzene-d5
Concen: 95.968 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Instrument :
BNA_M
ClientSampleId :
RT-3422

Tgt Ion: 82 Resp: 2310138

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.9	44.9
54	37.7	29.1	43.7

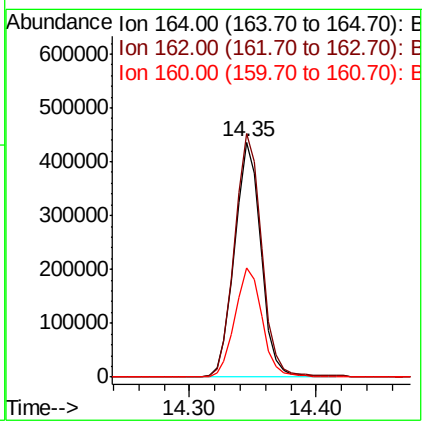


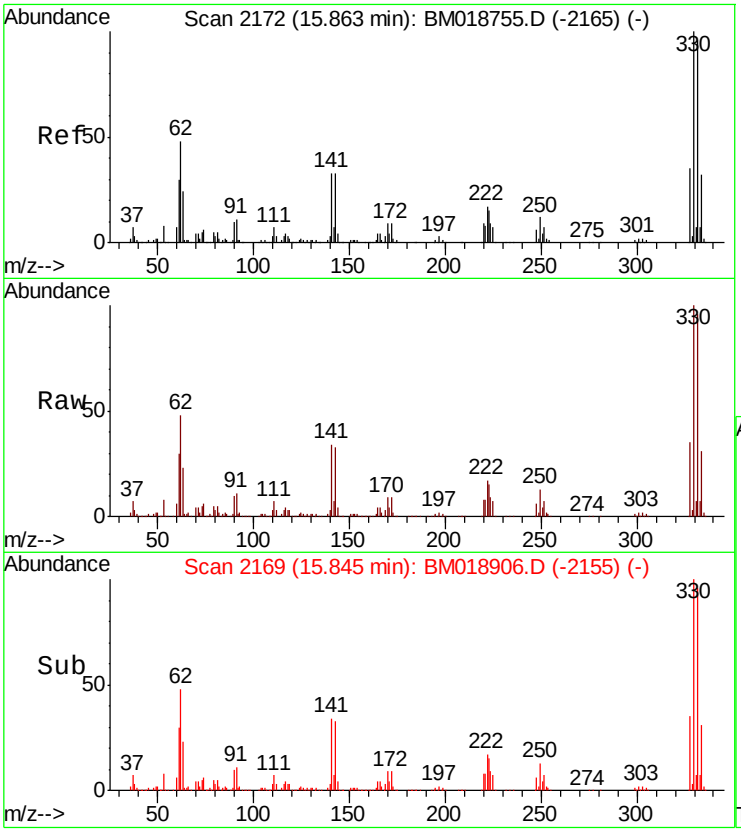


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Tgt Ion:164 Resp: 628086

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.4	125.0
160	46.7	36.6	55.0



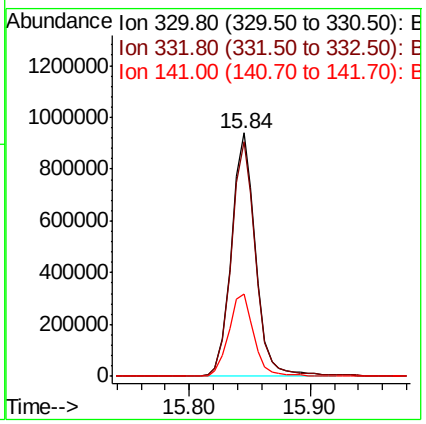


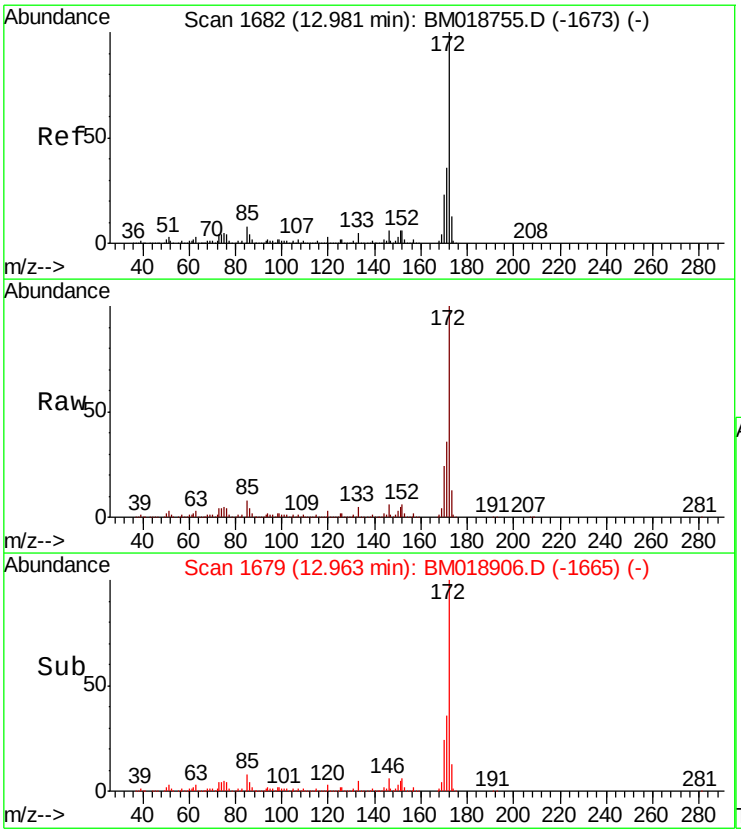
#42
2,4,6-Tribromophenol
Concen: 144.746 ng
RT: 15.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Instrument :
BNA_M
ClientSampleId :
RT-3422

Tgt Ion:330 Resp: 1310486

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	35.4	28.7	43.1

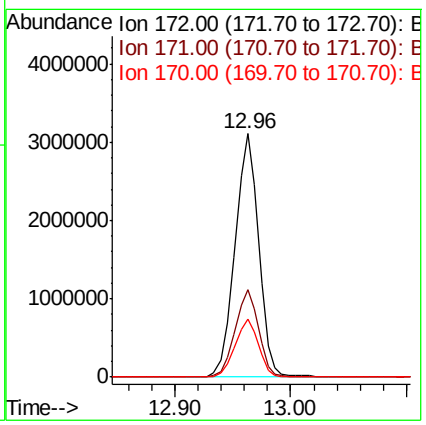


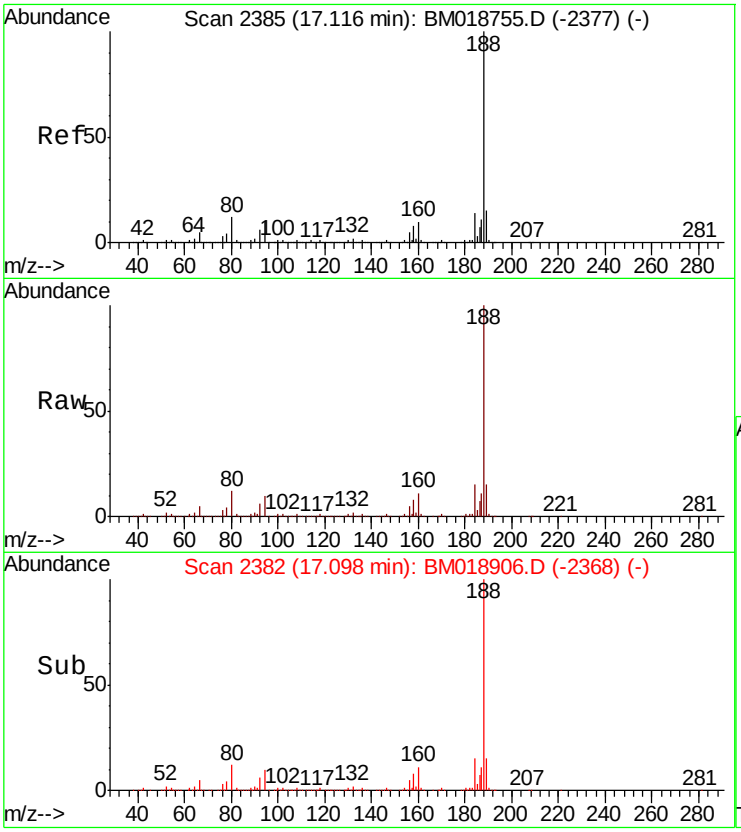


#45
2-Fluorobiphenyl
Concen: 93.308 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Tgt Ion:172 Resp: 4414808

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.7	18.6	28.0



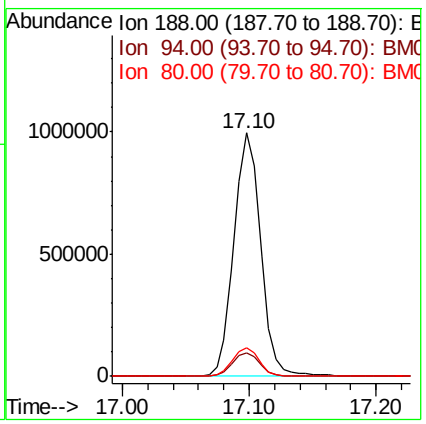


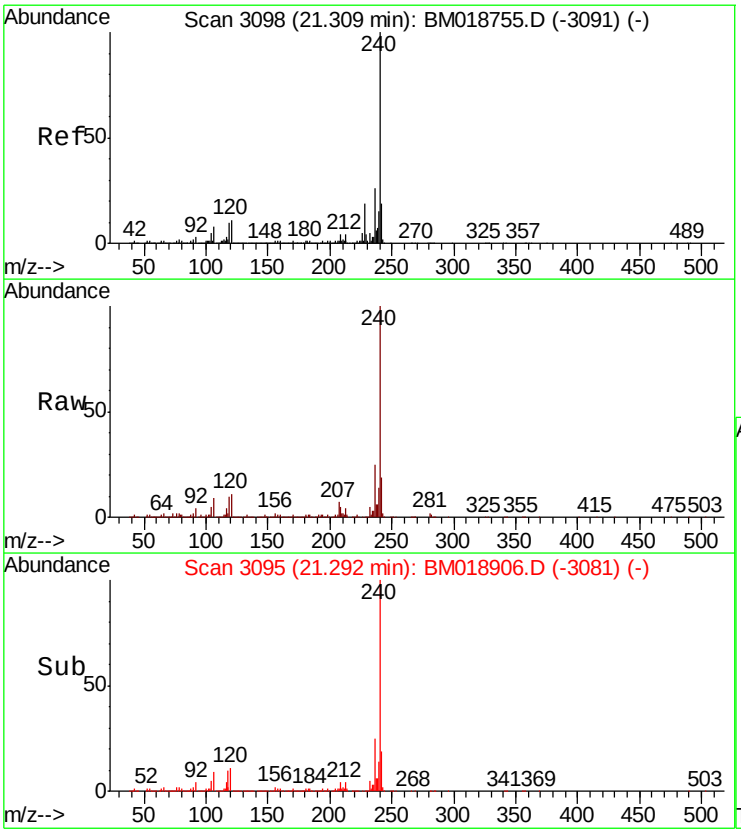
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Instrument :
BNA_M
ClientSampleId :
RT-3422

Tgt Ion:188 Resp: 1457857

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	11.7	9.7	14.5

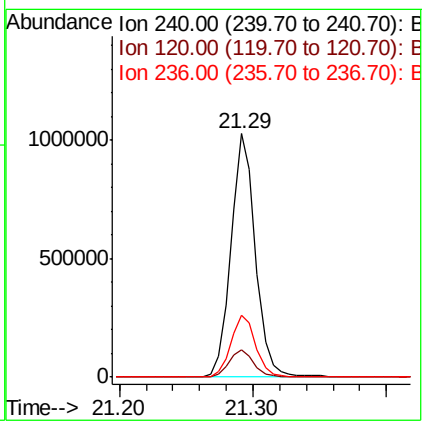


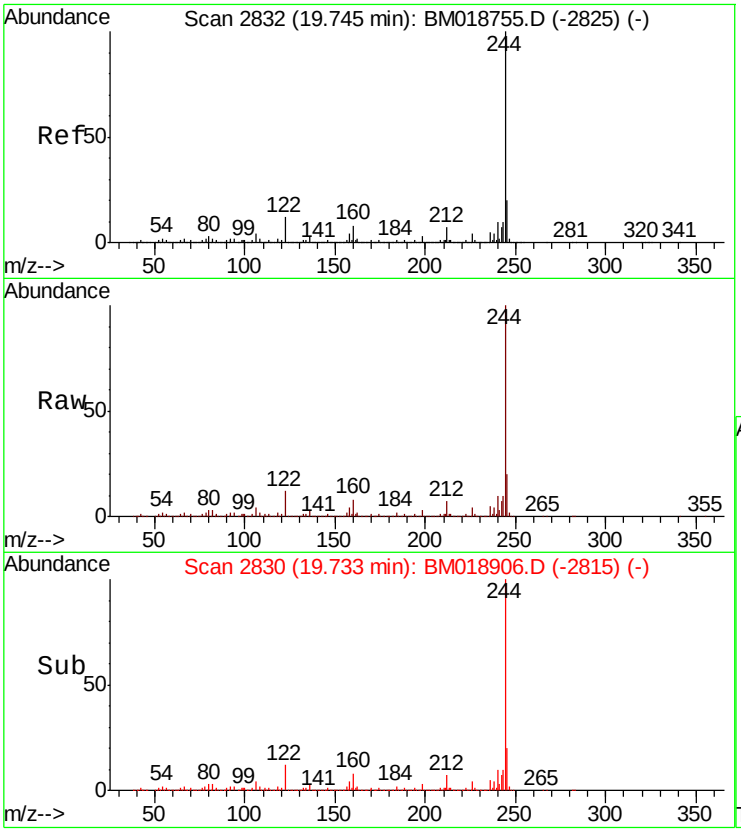


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Tgt Ion:240 Resp: 1313108

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.4	20.9	31.3



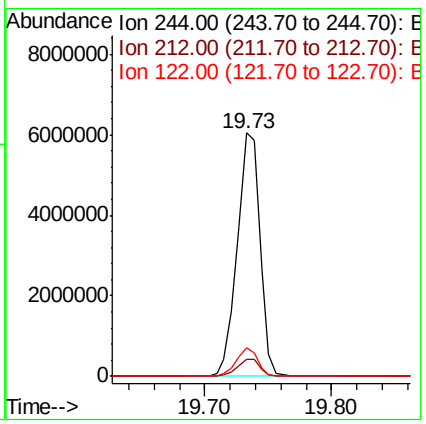


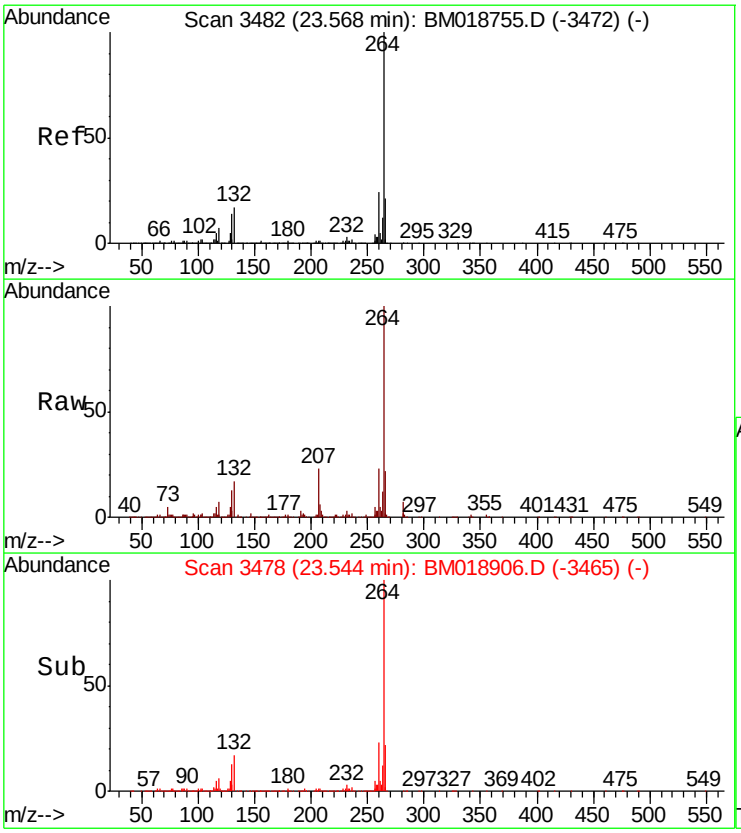
#79
Terphenyl-d14
Concen: 117.038 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Instrument :
BNA_M
ClientSampleId :
RT-3422

Tgt Ion:244 Resp: 7449863

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.6	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3478
Delta R.T. -0.02 min
Lab File: BM018906.D
Acq: 21 Feb 2019 21:20

Tgt Ion:264 Resp: 1158149

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	22.3	17.3	25.9