Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018966.D
Acq On : 28 Feb 2019 13:14
Operator : JU/SJ
Sample : K1611-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HP-627

Quant Time: Mar 01 01:21:43 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	7.69	152	240862	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	1061643	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	639640	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1468301	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1564266	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1401660	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	503135	34.23	ng	-0.02
7) Phenol-d6	6.86	99	450842	21.77	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1818185	79.19	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	799717	86.74	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	3883493	80.60	ng	-0.03
79) Terphenyl-d14	19.73	244	5880437	77.55	ng	-0.02
Target Compounds						Qvalue

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

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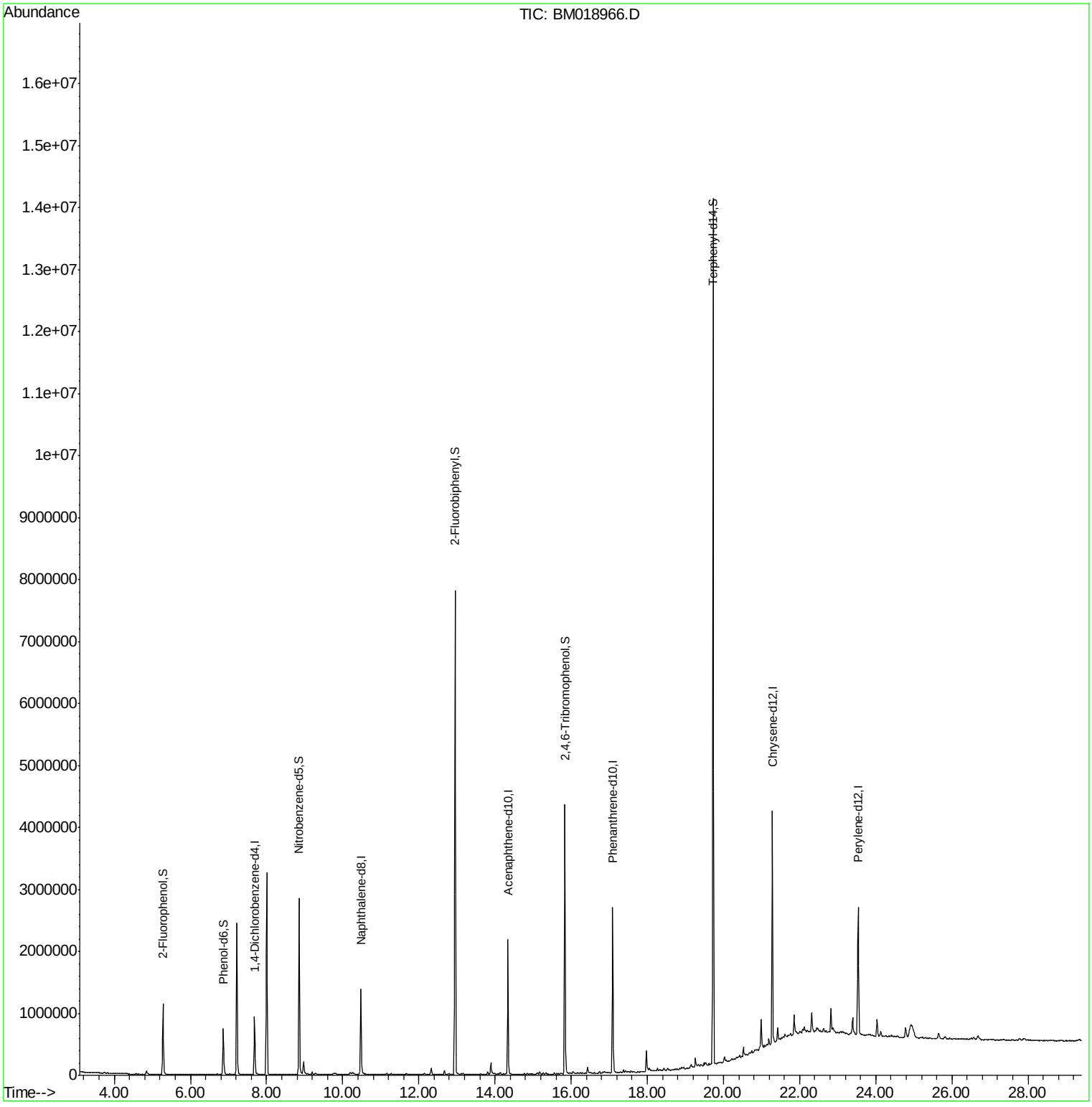
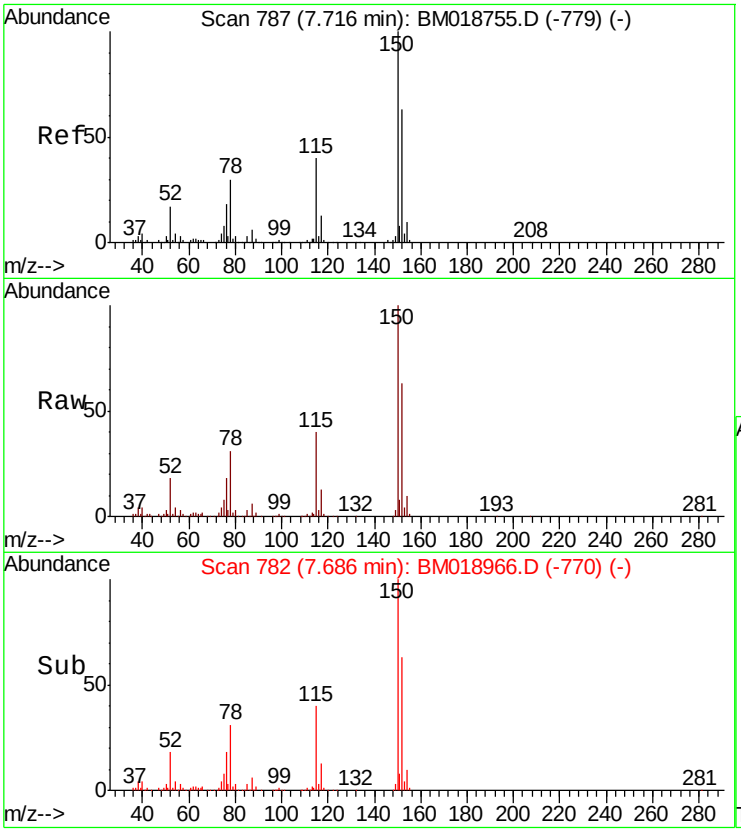


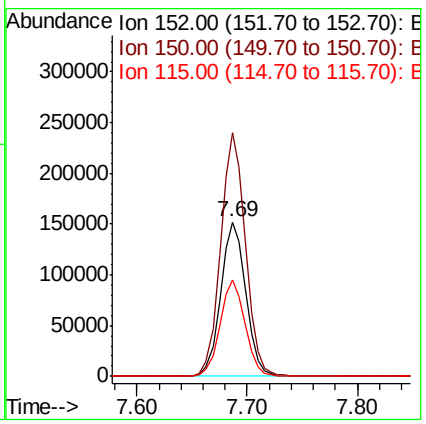


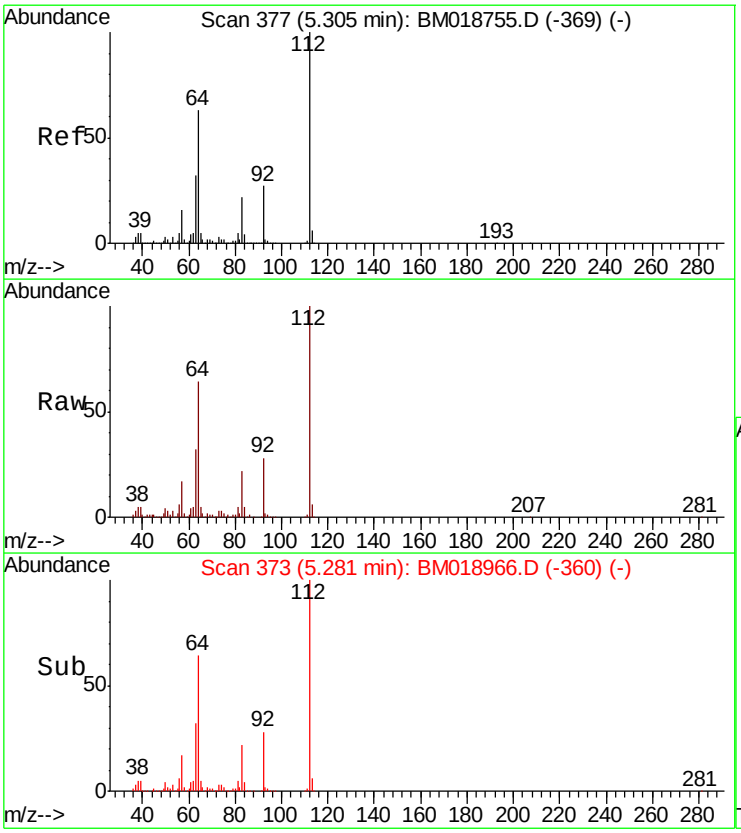
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Instrument :
BNA_M
ClientSampleId :
HP-627

Tgt Ion:152 Resp: 240862

Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.3	190.9
115	62.9	50.8	76.2

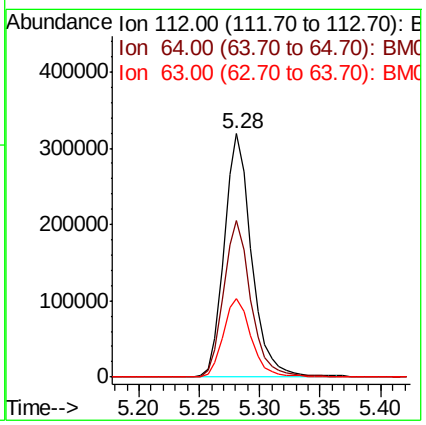


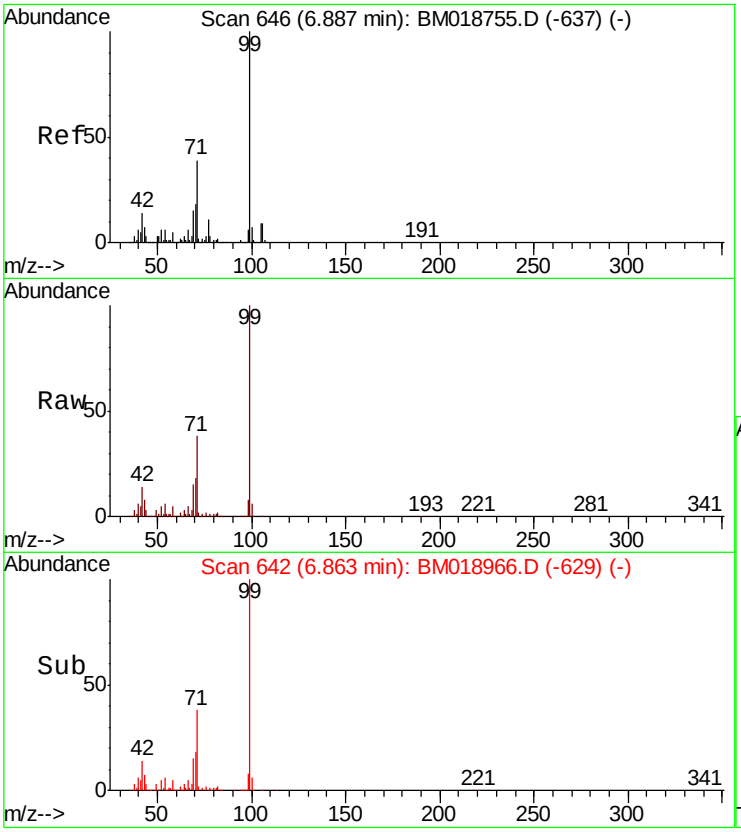


#5
2-Fluorophenol
Concen: 34.226 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Tgt Ion:112 Resp: 503135

Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.6	75.8
63	32.5	25.7	38.5



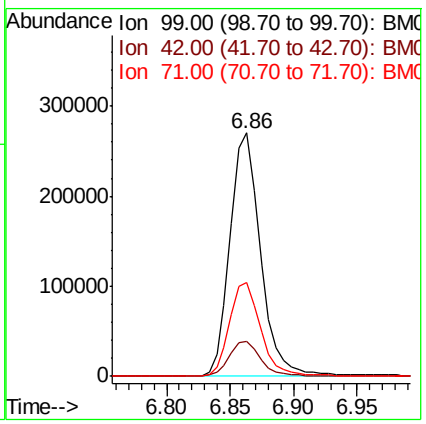


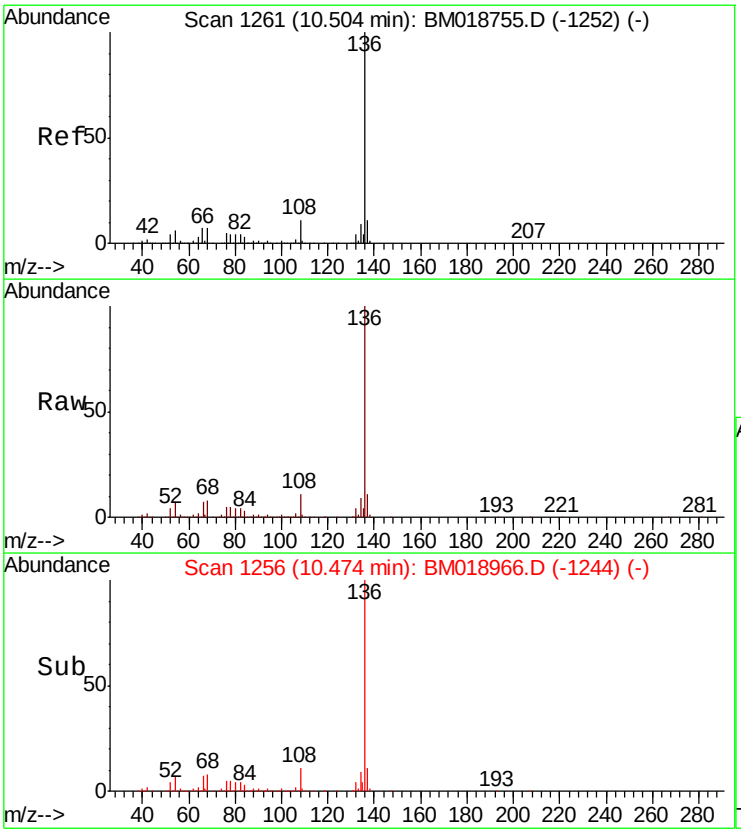
#7
Phenol-d6
Concen: 21.770 ng
RT: 6.86 min Scan# 642
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Instrument :
BNA_M
ClientSampleId :
HP-627

Tgt Ion: 99 Resp: 450842

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.6
71	38.3	31.3	46.9

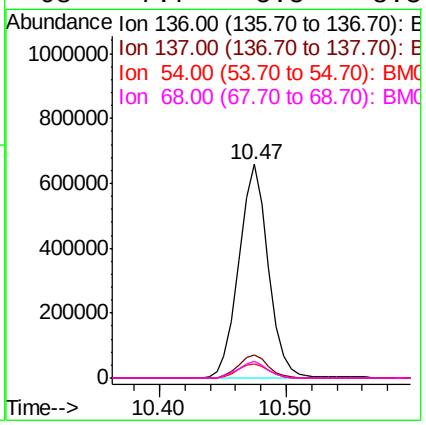


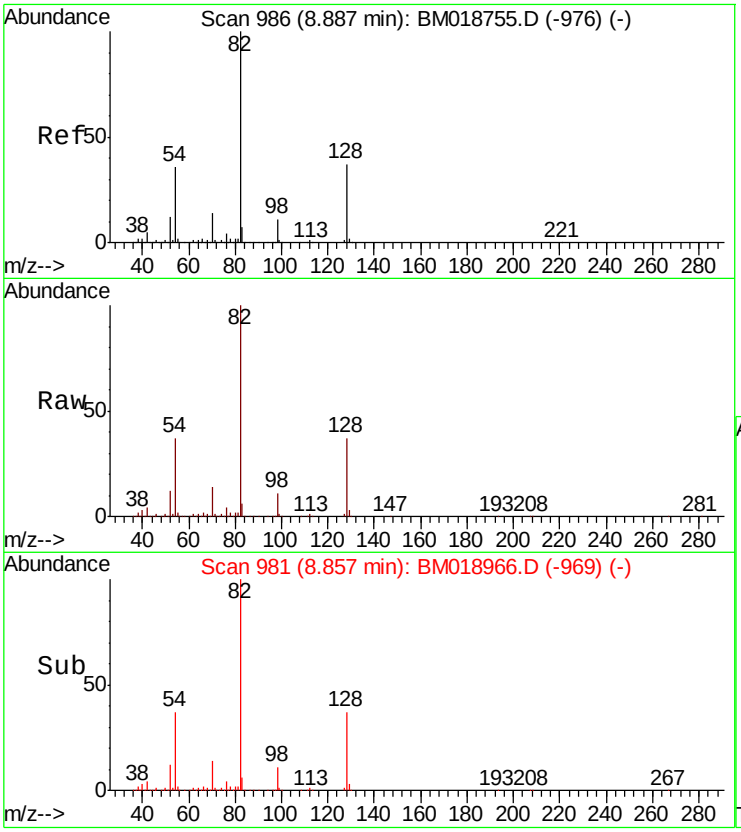


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Tgt Ion:136 Resp: 1061643

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.8	5.0	7.6
68	7.7	5.5	8.3



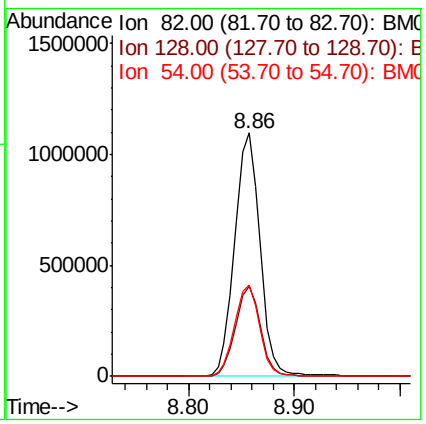


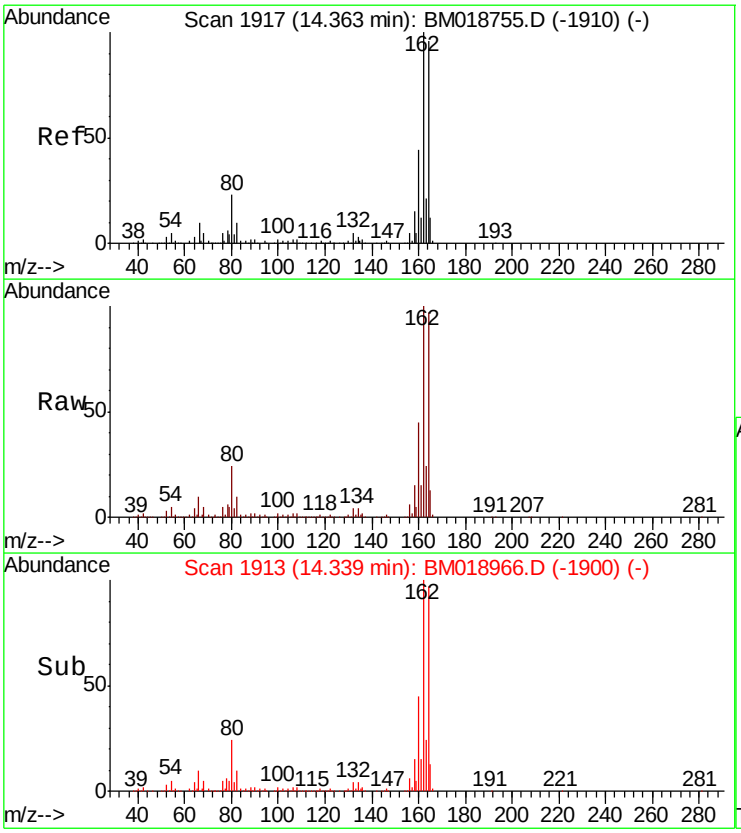
#23
Nitrobenzene-d5
Concen: 79.189 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Instrument :
BNA_M
ClientSampleId :
HP-627

Tgt Ion: 82 Resp: 1818185

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.9	44.9
54	37.2	29.1	43.7

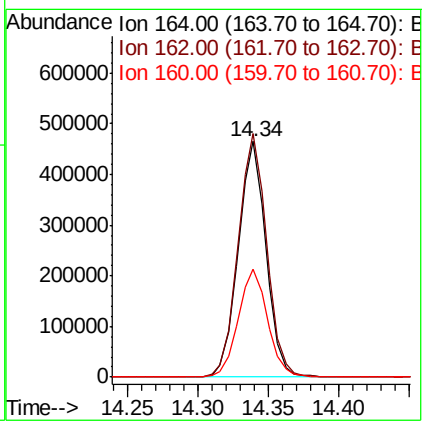


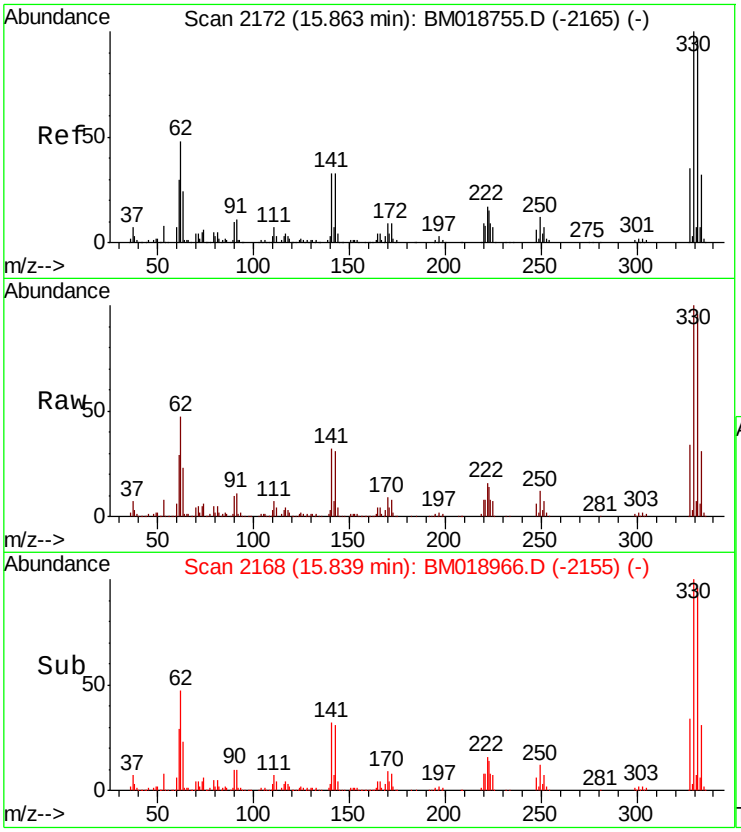


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Tgt Ion:164 Resp: 639640

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.4	125.0
160	46.0	36.6	55.0



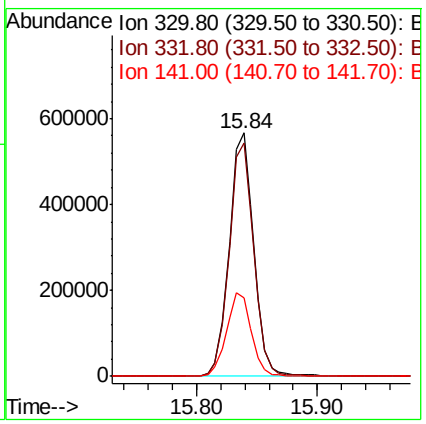


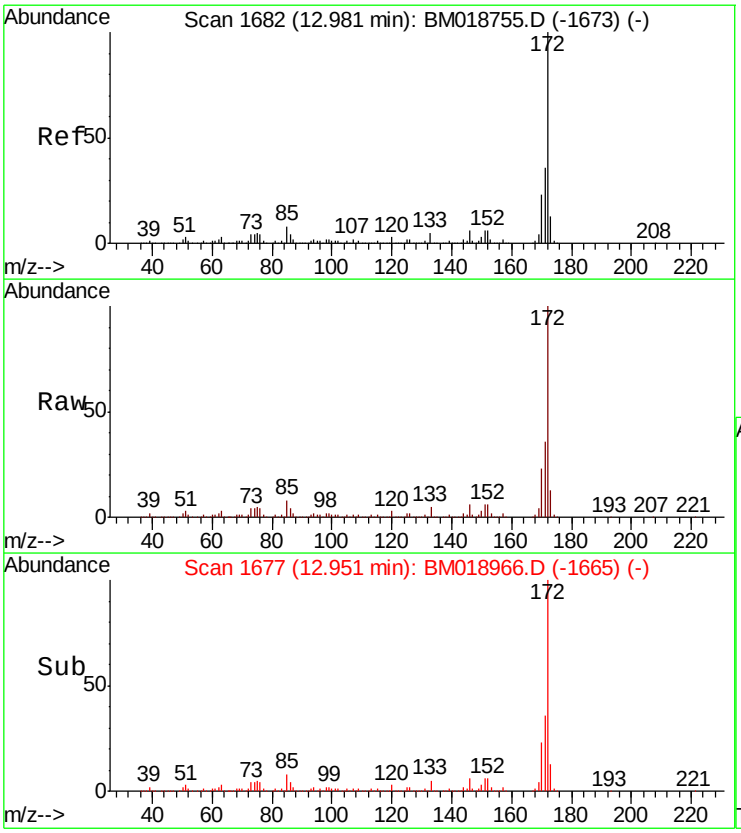
#42
2,4,6-Tribromophenol
Concen: 86.735 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Instrument :
BNA_M
ClientSampleId :
HP-627

Tgt Ion:330 Resp: 799717

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	35.0	28.7	43.1

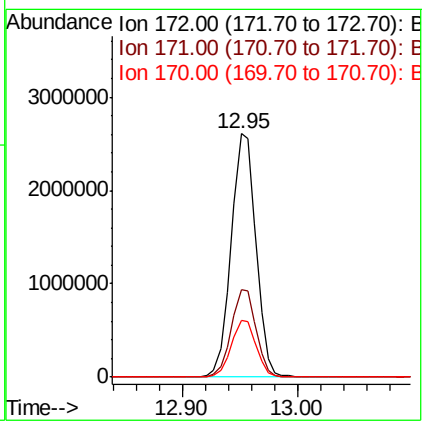


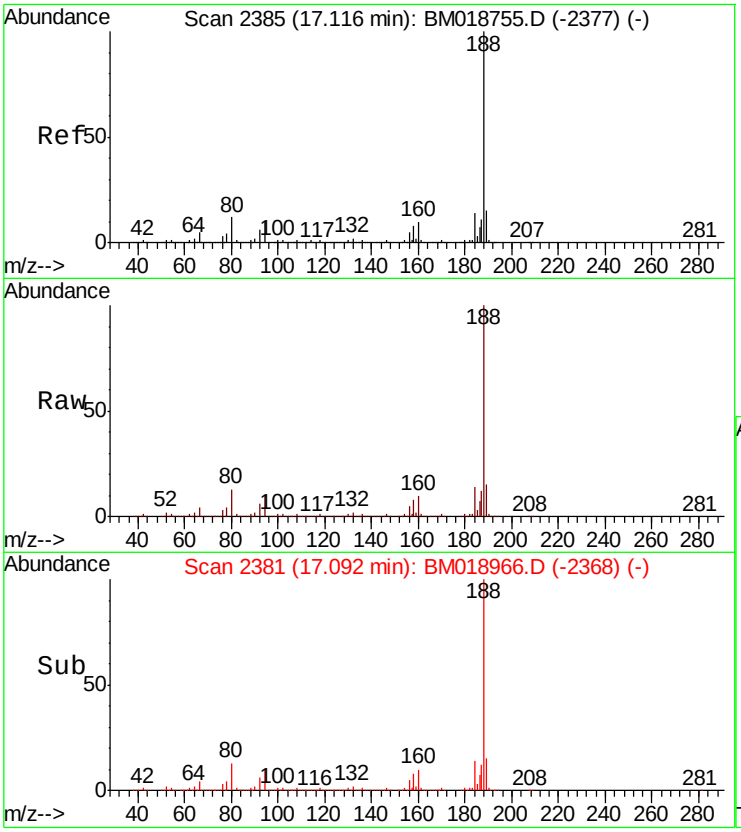


#45
2-Fluorobiphenyl
Concen: 80.596 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Tgt Ion:172 Resp: 3883493

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.3	18.6	28.0



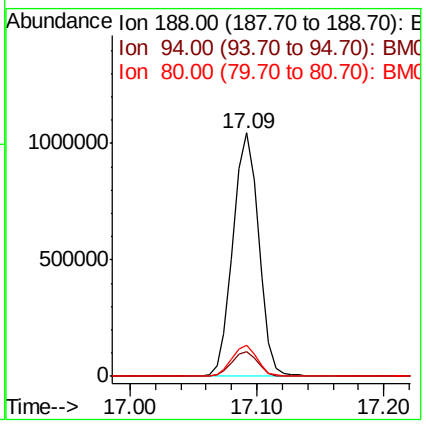


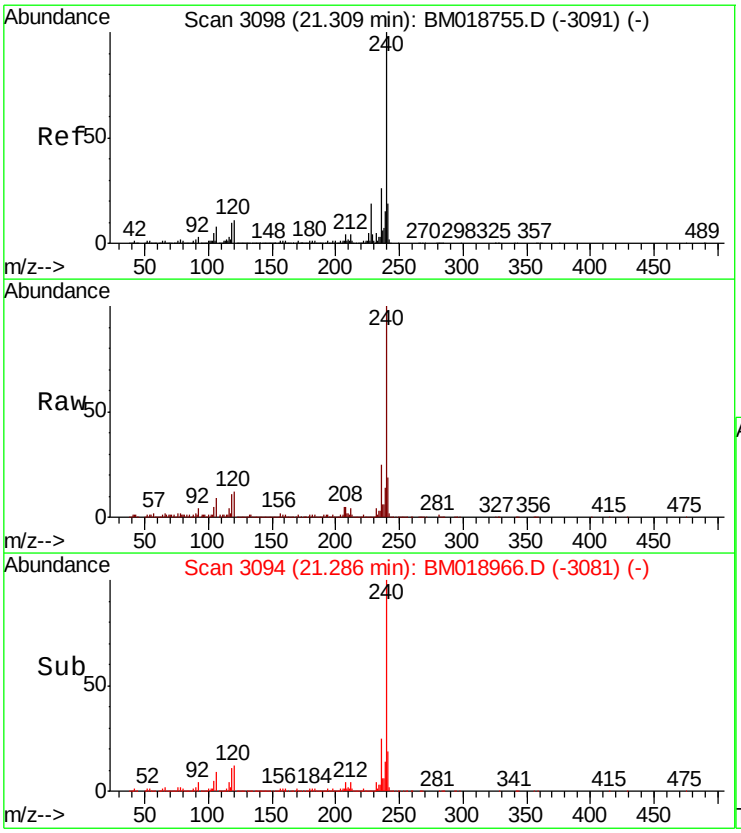
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Instrument :
BNA_M
ClientSampleId :
HP-627

Tgt Ion:188 Resp: 1468301

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	12.6	9.7	14.5

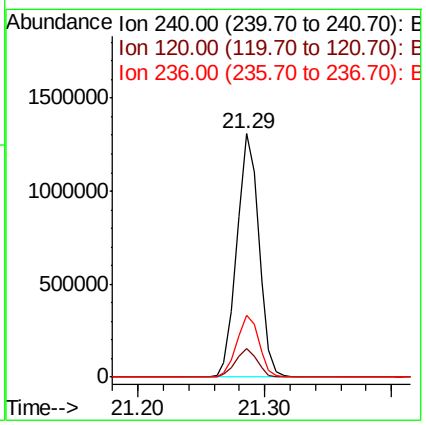


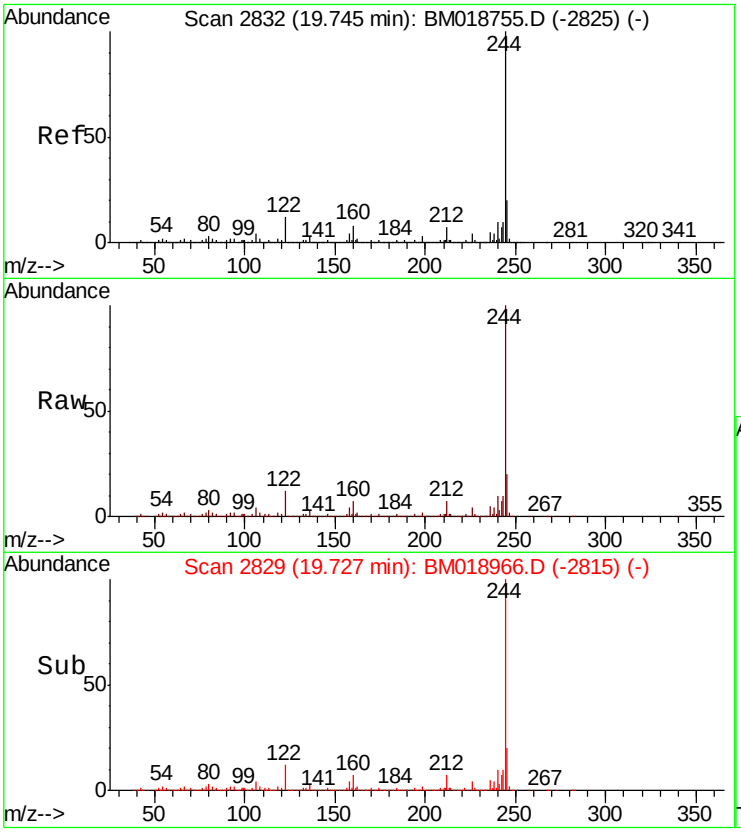


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Tgt Ion:240 Resp: 1564266

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.5	20.9	31.3



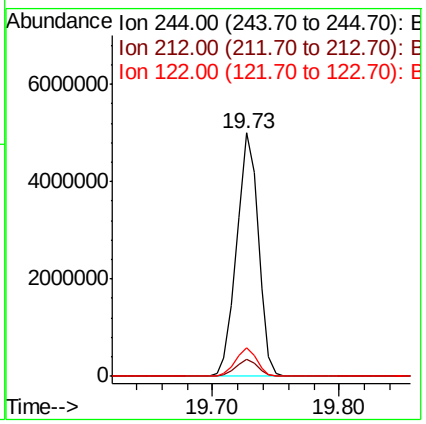


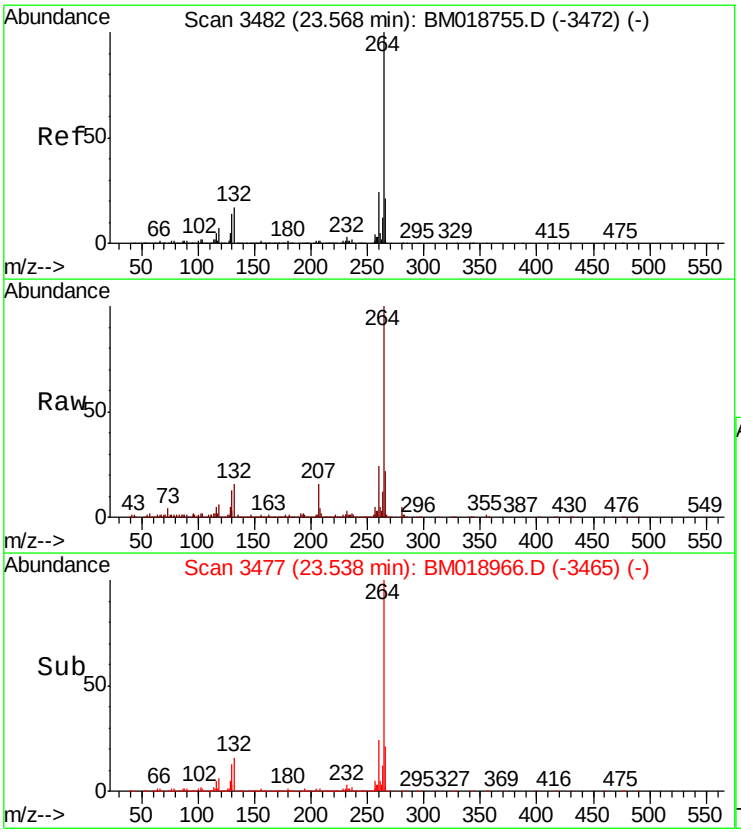
#79
Terphenyl-d14
Concen: 77.549 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Instrument :
BNA_M
ClientSampleId :
HP-627

Tgt Ion:244 Resp: 5880437

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.6	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3477
Delta R.T. -0.03 min
Lab File: BM018966.D
Acq: 28 Feb 2019 13:14

Tgt Ion:264 Resp: 1401660

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.1	17.3	25.9