Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018873.D
Acq On : 20 Feb 2019 03:01
Operator : JU/SJ
Sample : K1525-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-14-D

Quant Time: Feb 20 05:44:46 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	222085	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	867136	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	481394	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1180958	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	1228951	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1053097	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1703490	125.68	ng	-0.01
7) Phenol-d6	6.87	99	2042926	106.99	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1719178	91.67	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	925759	133.41	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3275596	90.33	ng	-0.01
79) Terphenyl-d14	19.74	244	5893233	98.92	ng	0.00
Target Compounds						Qvalue

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

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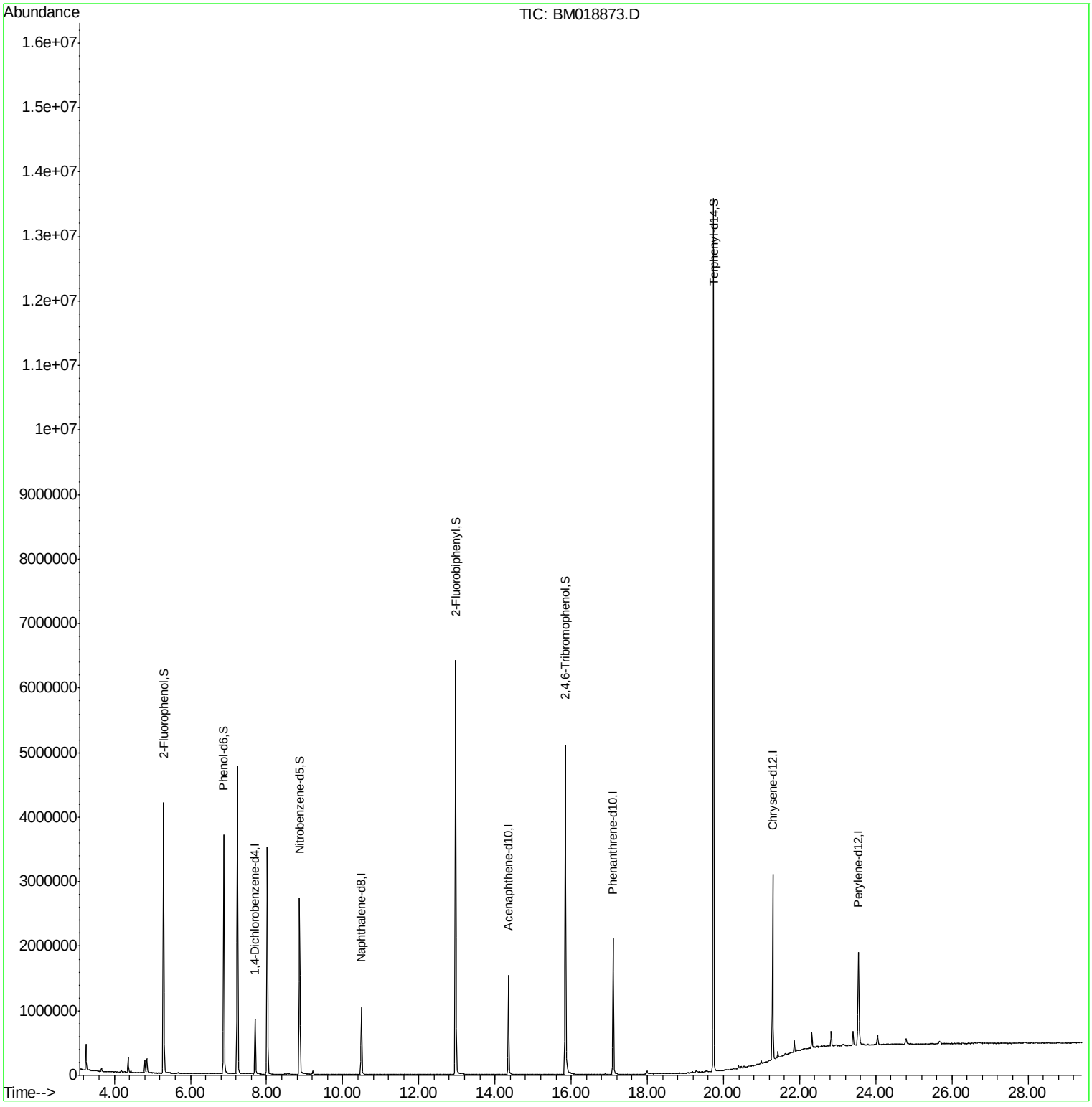
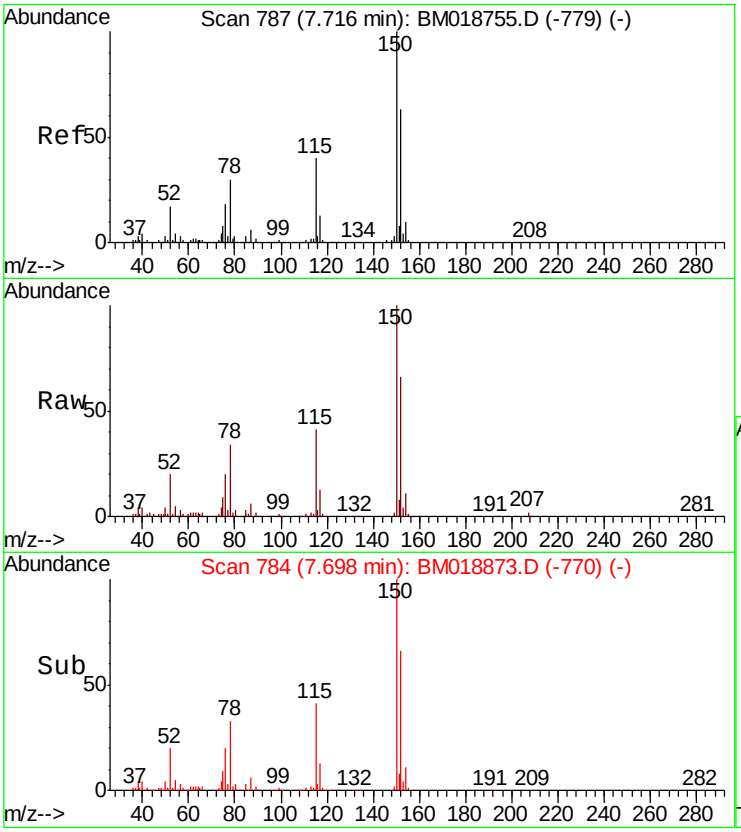


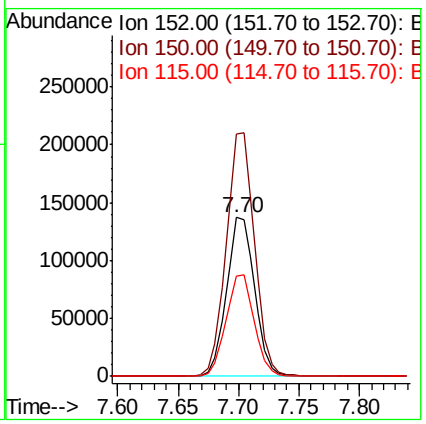


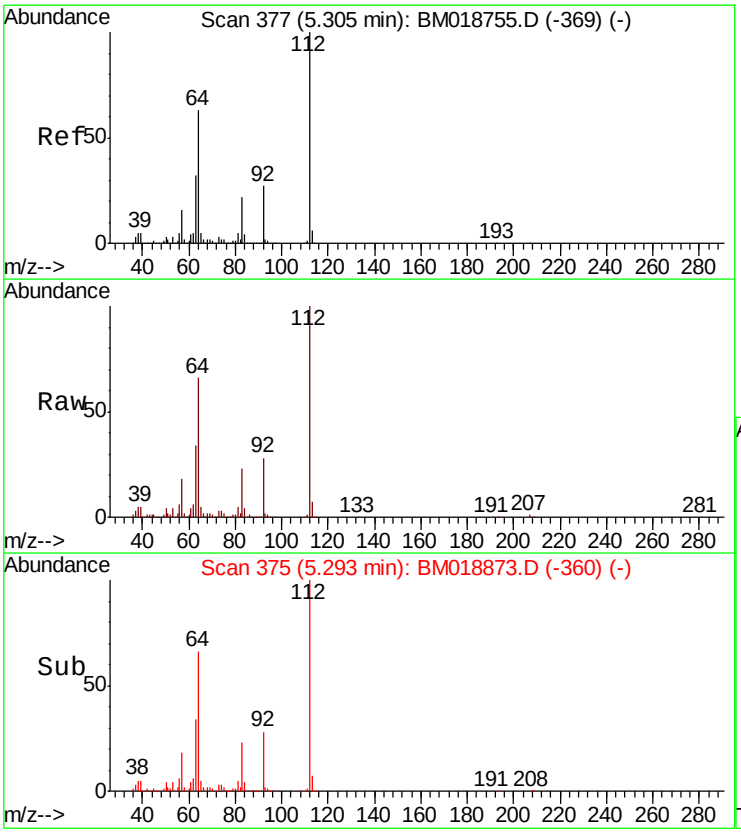
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Instrument :
BNA_M
ClientSampleId :
M-14-D

Tgt Ion:152 Resp: 222085

Ion	Ratio	Lower	Upper
152	100		
150	152.5	127.3	190.9
115	62.8	50.8	76.2

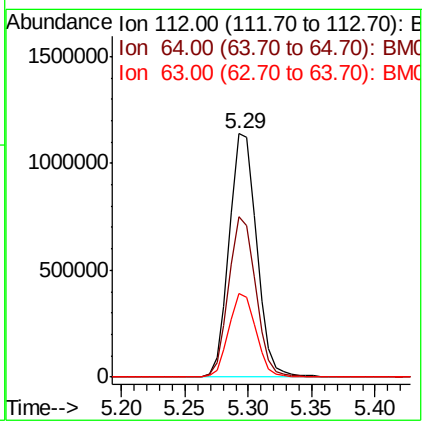


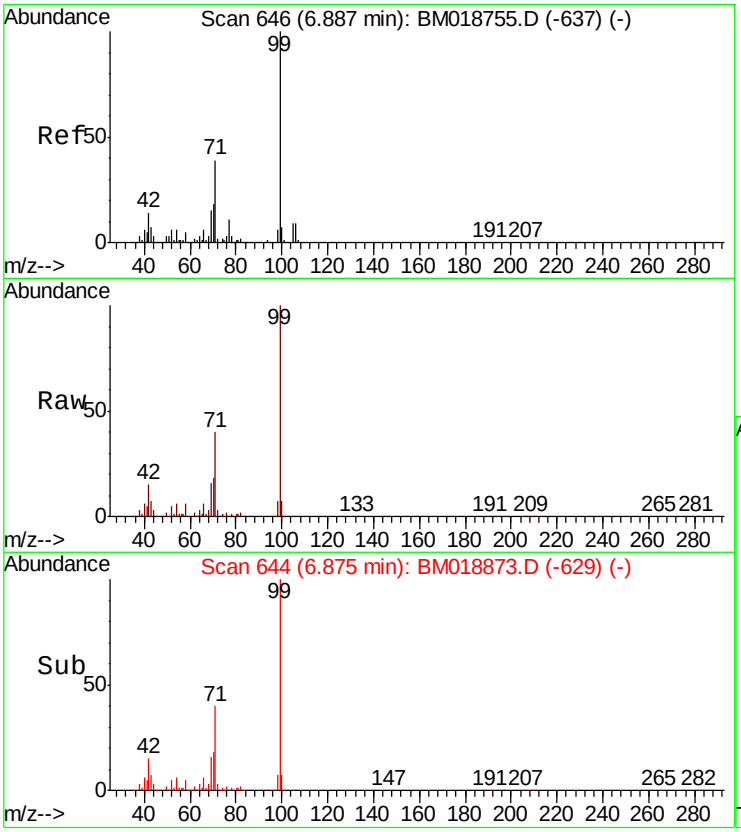


#5
2-Fluorophenol
Concen: 125.678 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Tgt Ion:112 Resp: 1703490

Ion	Ratio	Lower	Upper
112	100		
64	66.0	50.6	75.8
63	34.4	25.7	38.5



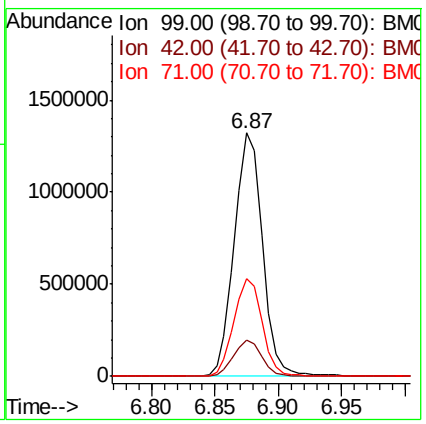


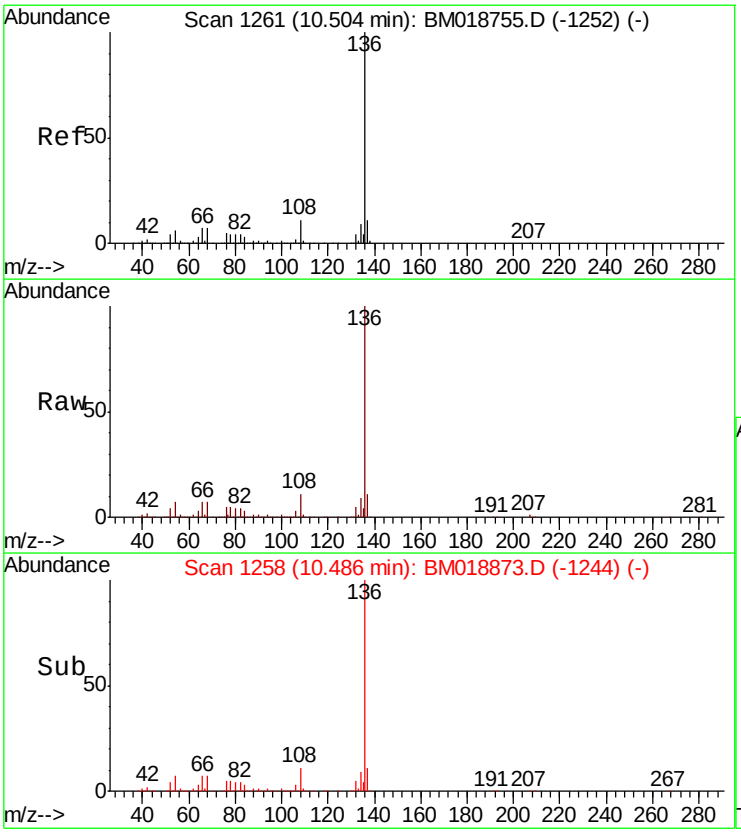
#7
Phenol-d6
Concen: 106.989 ng
RT: 6.87 min Scan# 644
Delta R.T. -0.01 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Instrument :
BNA_M
ClientSampleId :
M-14-D

Tgt Ion: 99 Resp: 2042926

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.0	16.6
71	40.0	31.3	46.9

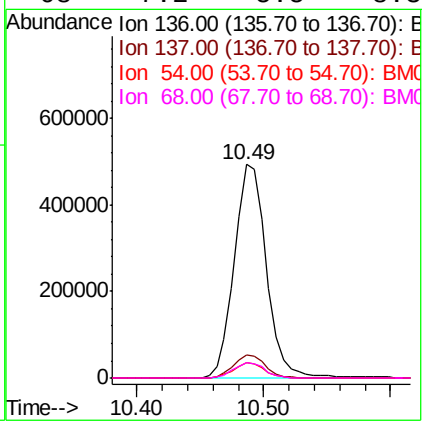


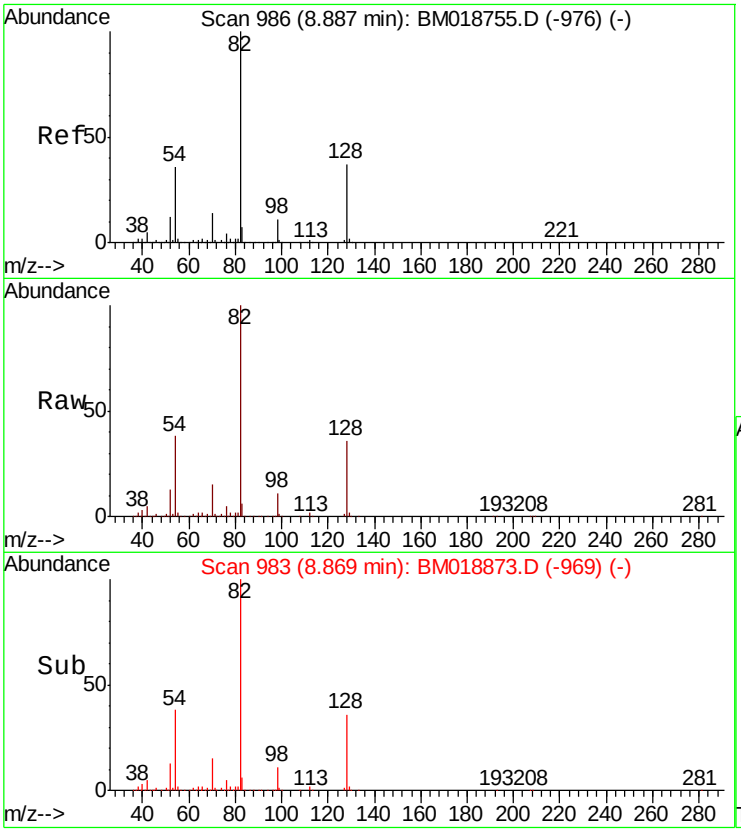


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Tgt Ion:136 Resp: 867136

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.0	7.6
68	7.2	5.5	8.3



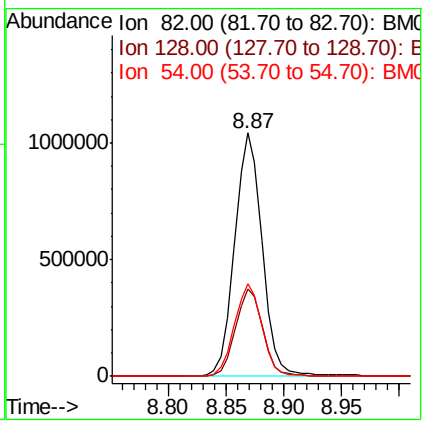


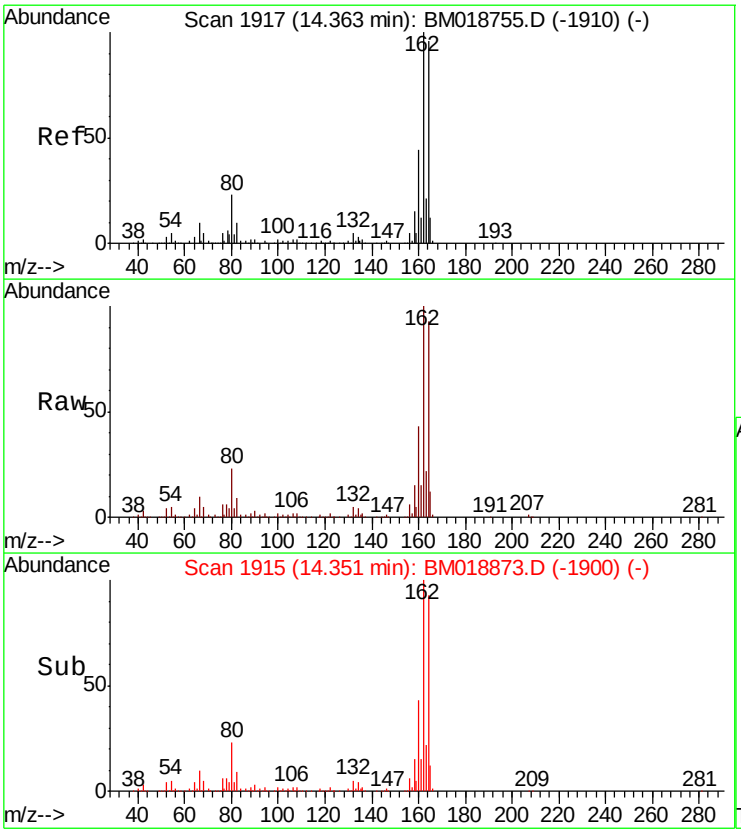
#23
Nitrobenzene-d5
Concen: 91.672 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Instrument :
BNA_M
ClientSampleId :
M-14-D

Tgt Ion: 82 Resp: 1719178

Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.9	44.9
54	37.8	29.1	43.7

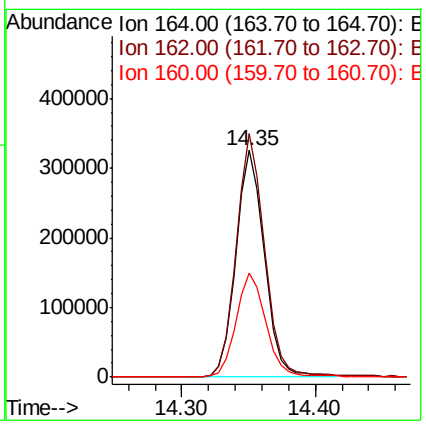


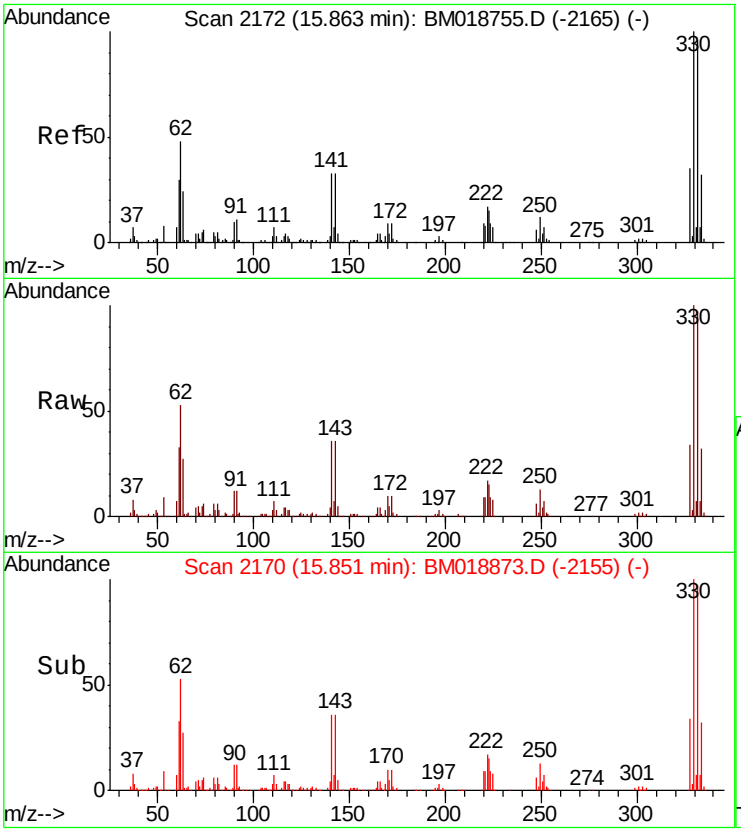


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Tgt Ion:164 Resp: 481394

Ion	Ratio	Lower	Upper
164	100		
162	107.5	83.4	125.0
160	46.2	36.6	55.0



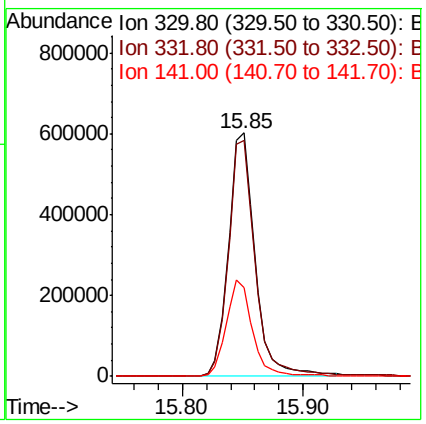


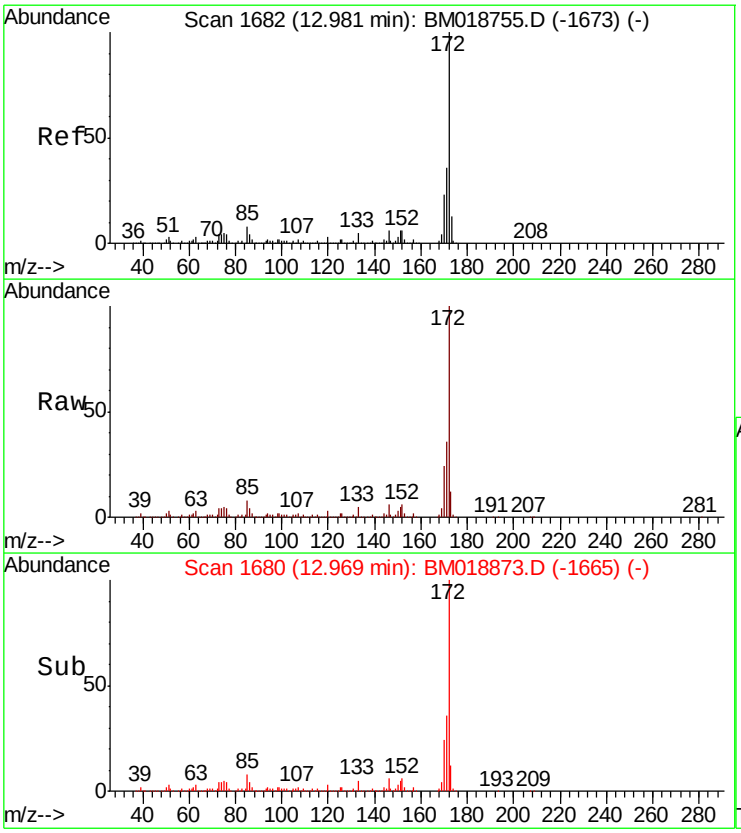
#42
2,4,6-Tribromophenol
Concen: 133.411 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Instrument :
BNA_M
ClientSampleId :
M-14-D

Tgt Ion:330 Resp: 925759

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	39.1	28.7	43.1

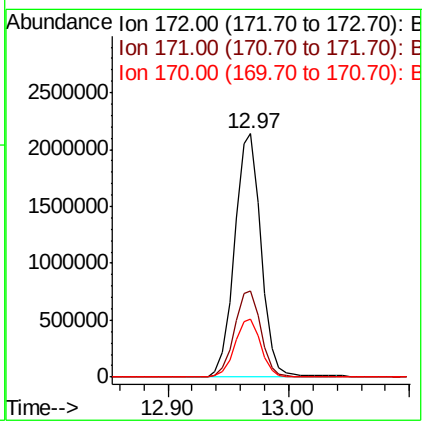


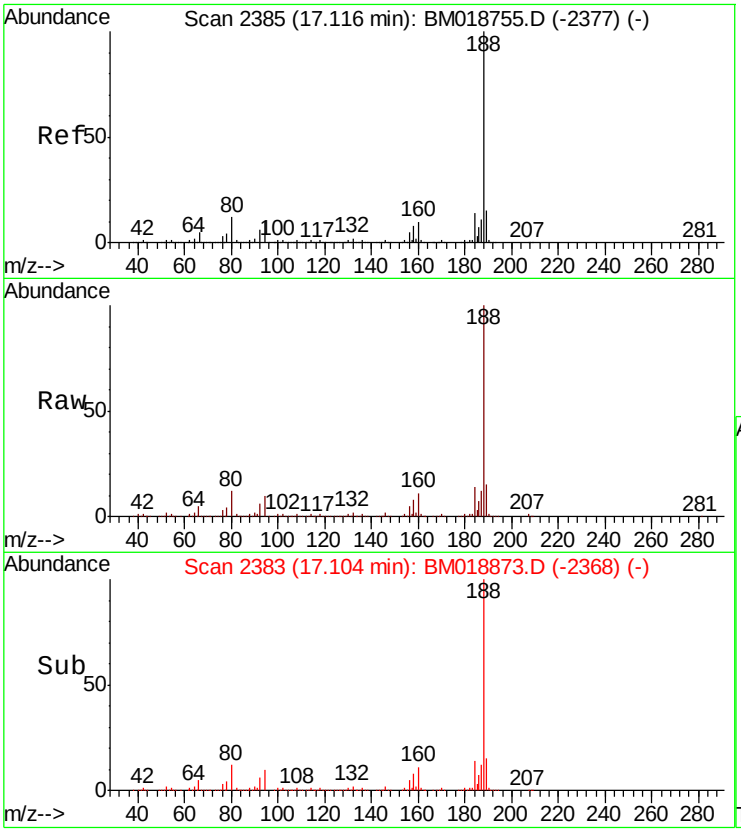


#45
2-Fluorobiphenyl
Concen: 90.327 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Tgt Ion:172 Resp: 3275596

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.8	18.6	28.0



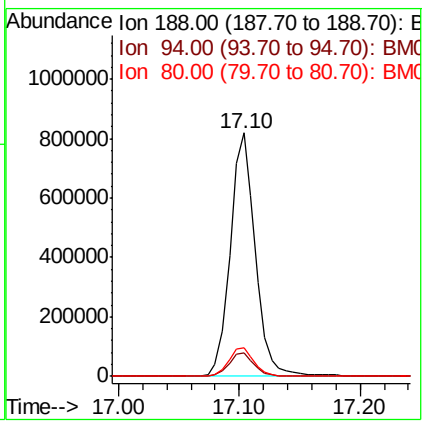


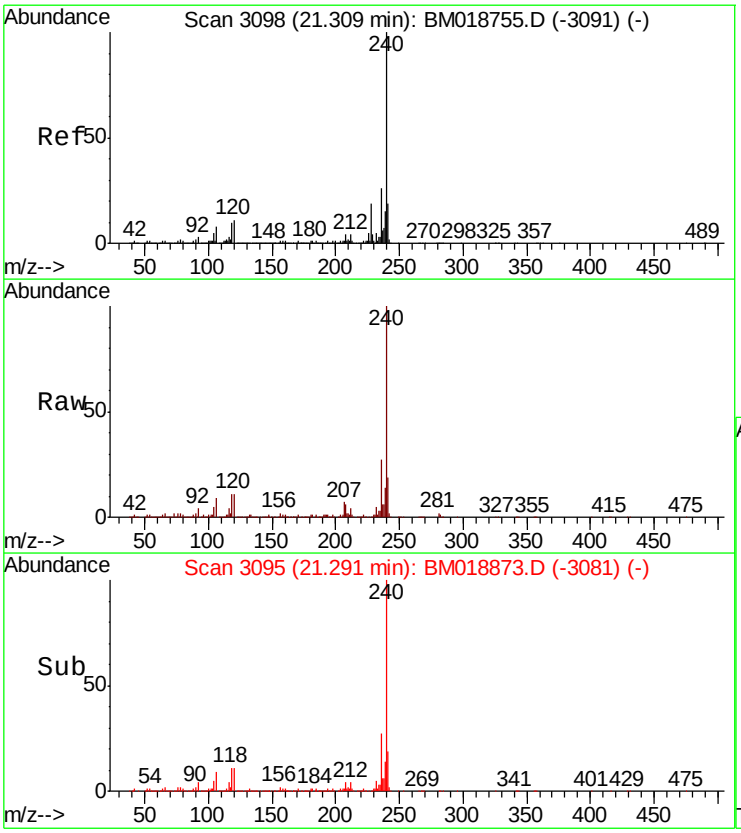
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Instrument :
BNA_M
ClientSampleId :
M-14-D

Tgt Ion:188 Resp: 1180958

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	11.7	9.7	14.5

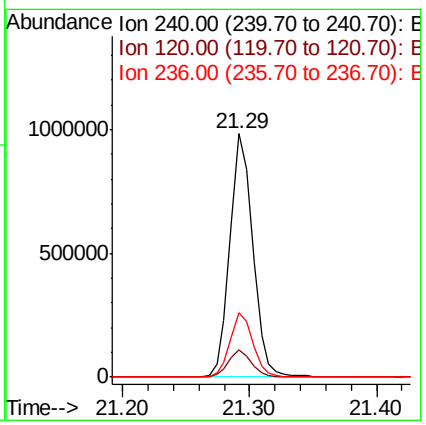


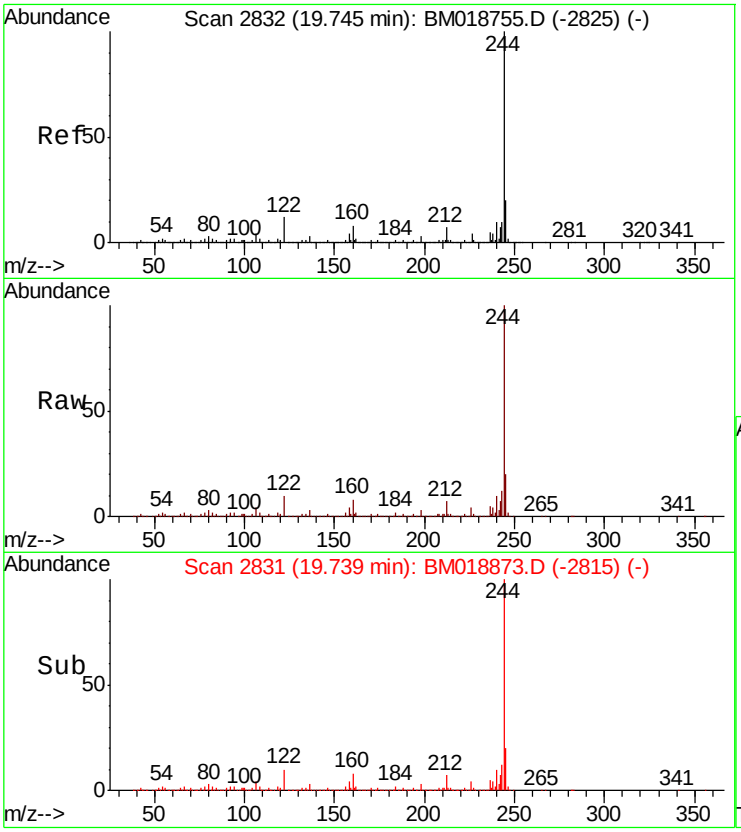


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Tgt Ion:240 Resp: 1228951

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.6	20.9	31.3



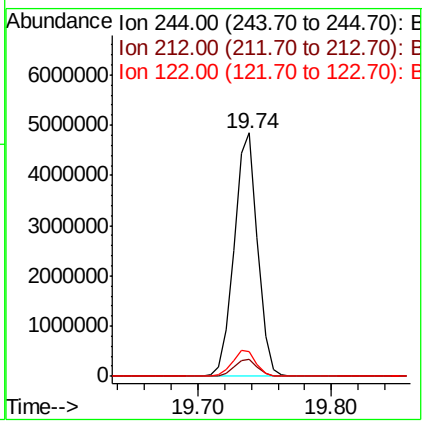


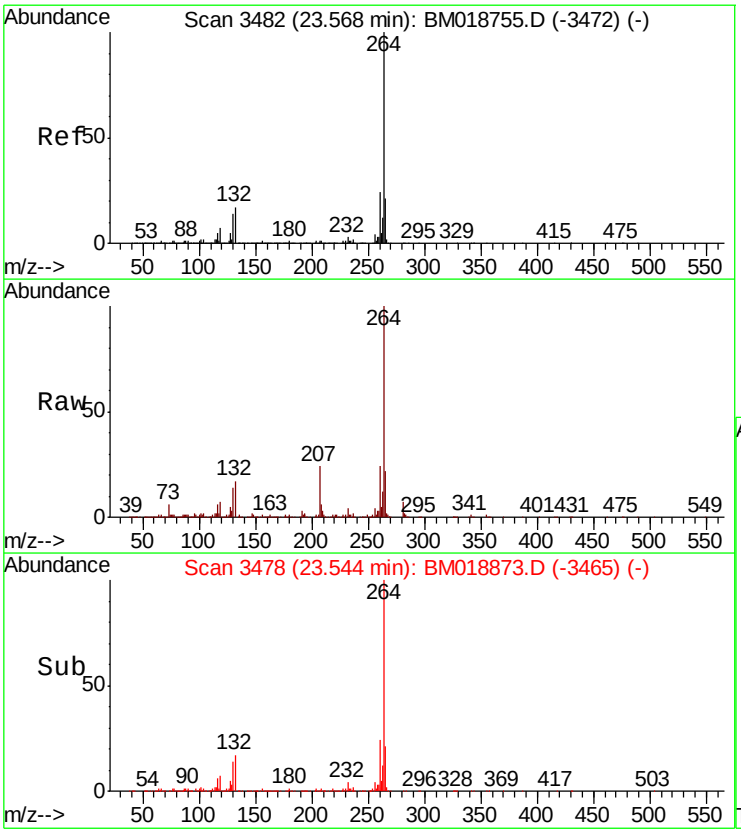
#79
Terphenyl-d14
Concen: 98.923 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM018873.D
Acq: 20 Feb 2019 03:01

Instrument :
BNA_M
ClientSampleId :
M-14-D

Tgt Ion:244 Resp: 5893233

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.4	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: BM018873.D
Acq: 20 Feb 2019 03:01

Tgt Ion:264 Resp: 1053097

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.0	17.3	25.9