Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-071318-A

Quant Time: Jul 17 07:05:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	145328	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	542636	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	245396	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	422577	20.00	ng	0.00
75) Chrysene-d12	14.17	240	386501	20.00	ng	0.01
86) Perylene-d12	15.71	264	245076	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	498695	52.12	ng	0.00
7) Phenol-d6	6.60	99	619879	50.11	ng	0.00
23) Nitrobenzene-d5	7.54	82	414583	40.74	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	103805	48.14	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	680203	40.55	ng	0.00
78) Terphenyl-d14	13.12	244	597519	38.41	ng	0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.73	163	121033	6.208	ng	98
74) Fluoranthene	12.74	202	54632	2.282	ng	95
77) Pyrene	12.98	202	58943	2.243	ng	98

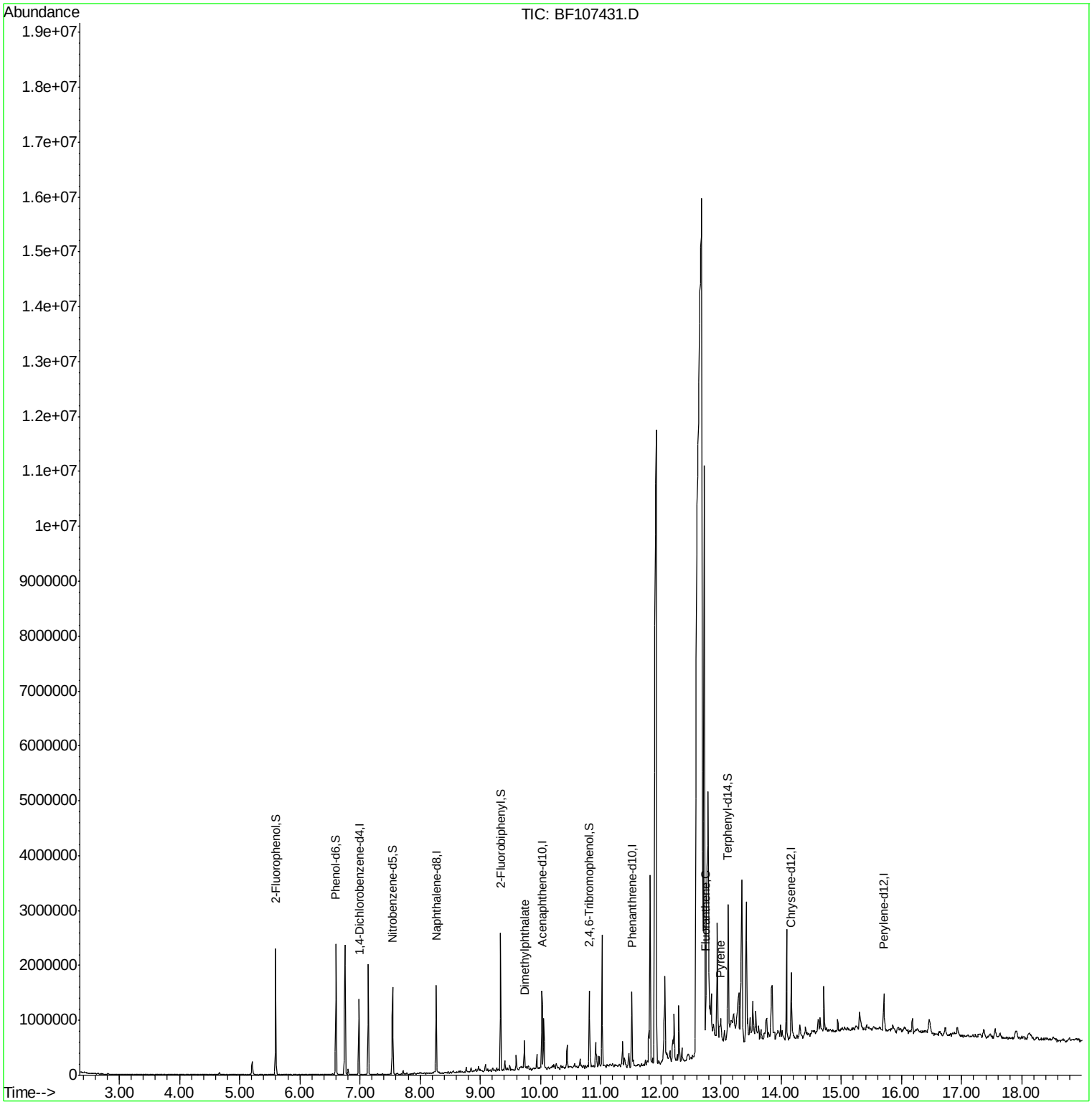
(#) = qualifier out of range (m) = manual integration (+) = signals summed

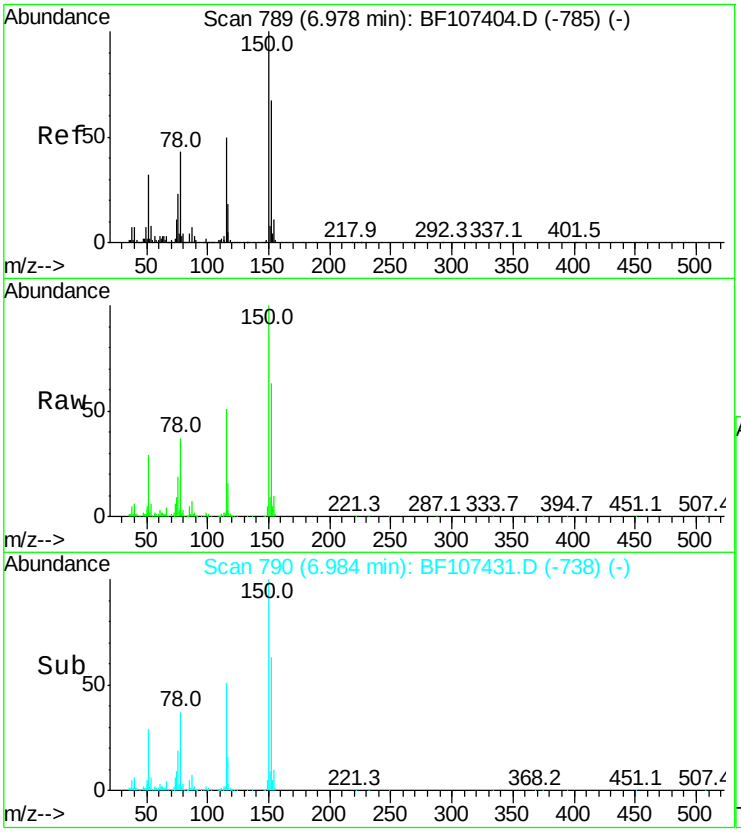
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107431.D
Acq On : 17 Jul 2018 4:19
Operator : JU/SJ
Sample : J3819-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Quant Time: Jul 17 07:05:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration



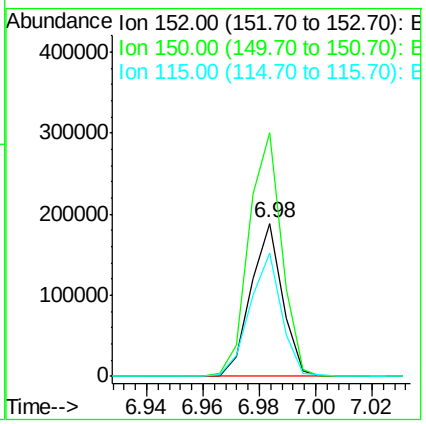


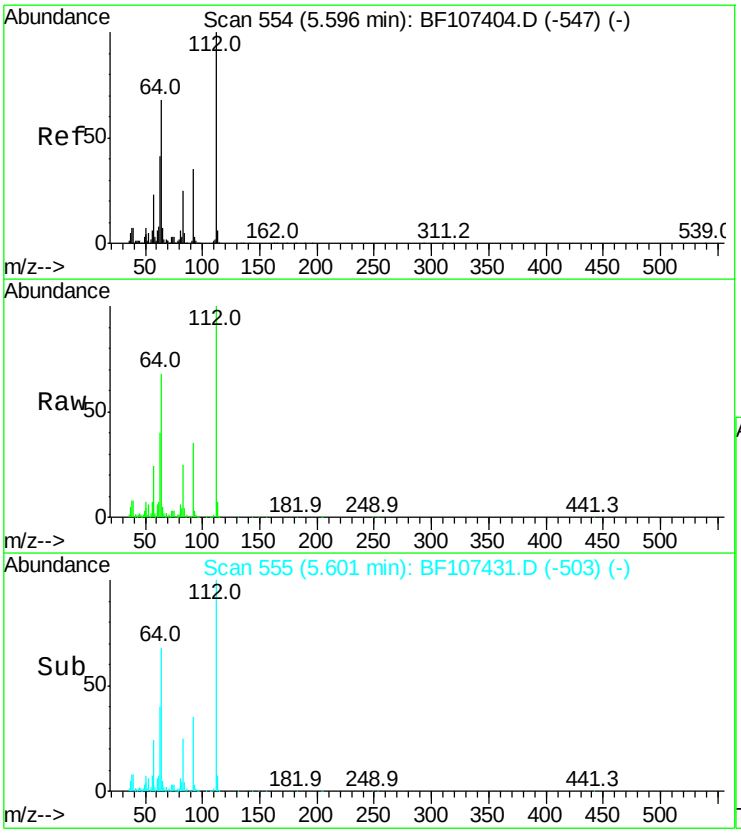
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:152 Resp: 145328

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	80.8	50.1	75.1#

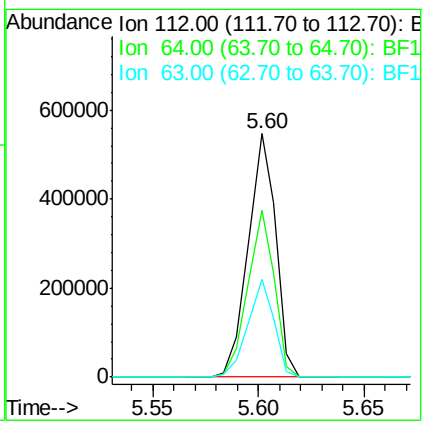


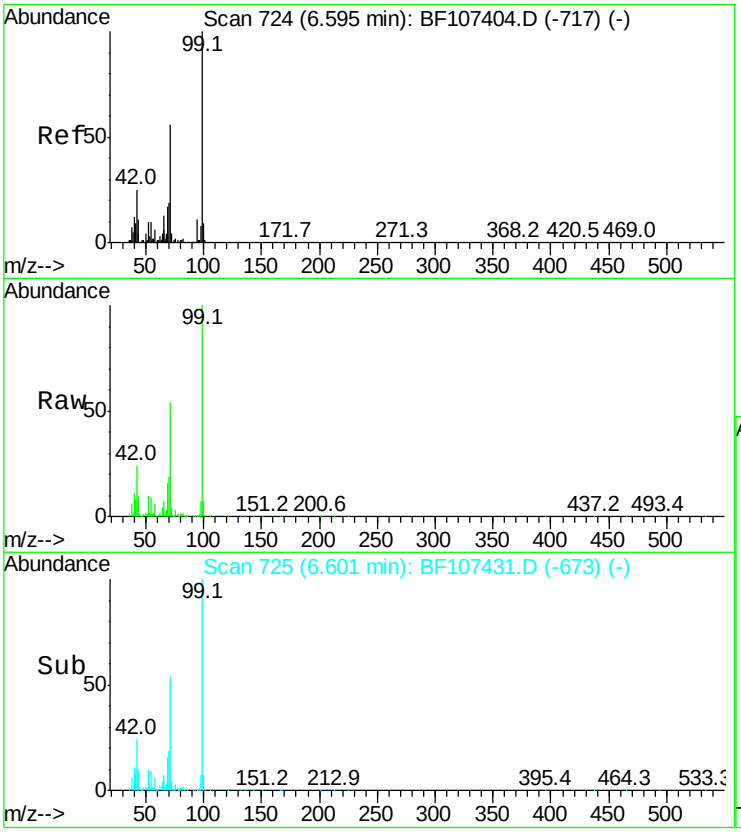


#5
2-Fluorophenol
Concen: 52.116 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:112 Resp: 498695

Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	39.9	23.7	35.5#



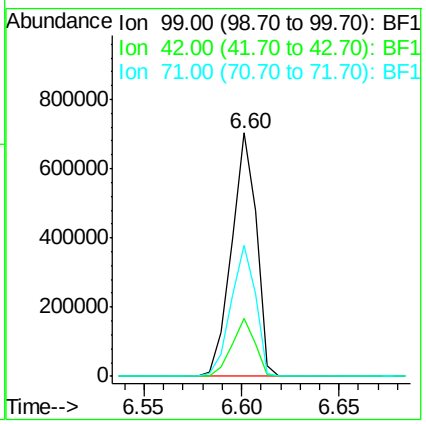


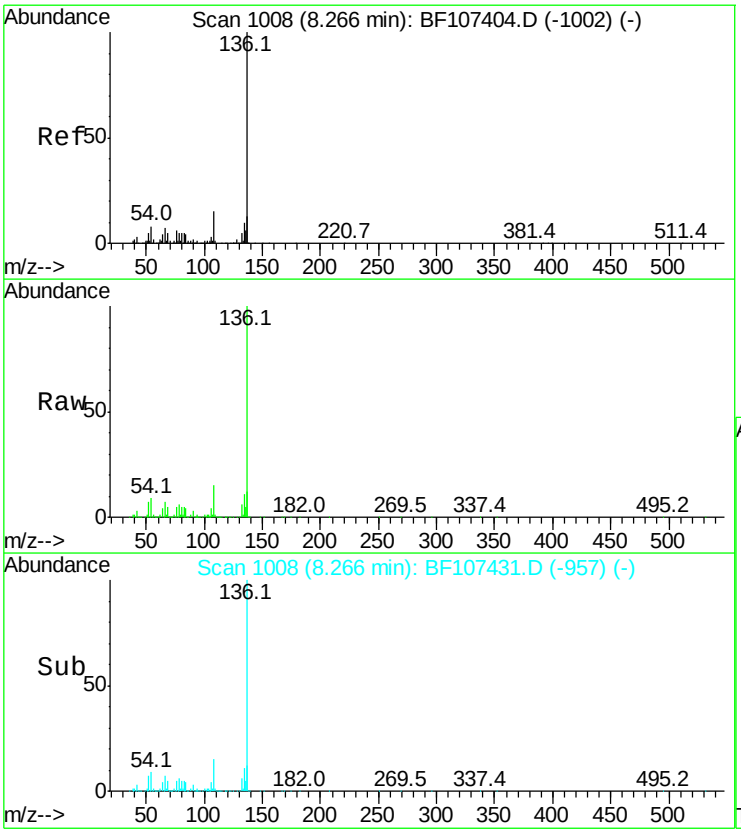
#7
Phenol-d6
Concen: 50.105 ng
RT: 6.60 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion: 99 Resp: 619879

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.5	21.7#
71	53.7	25.4	38.0#

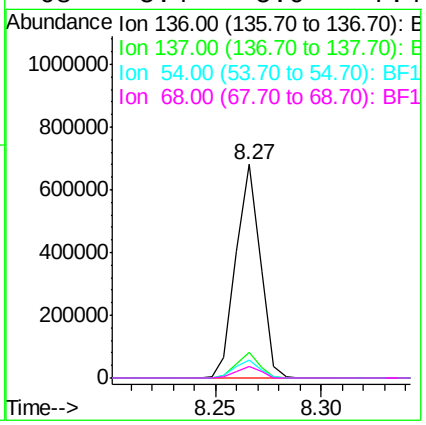


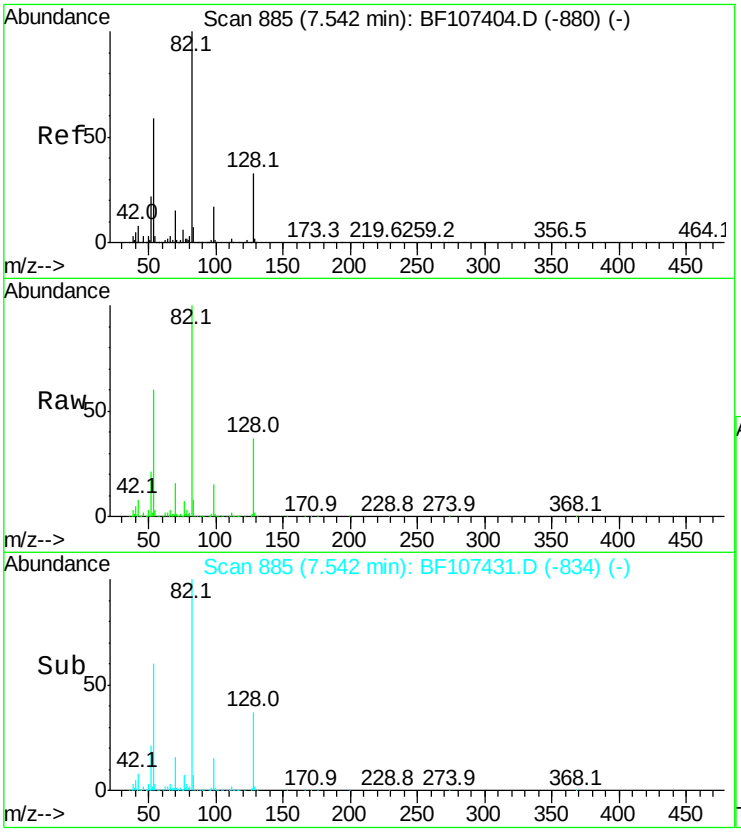


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:136 Resp: 542636

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	8.7	6.6	9.8
68	5.4	5.0	7.4



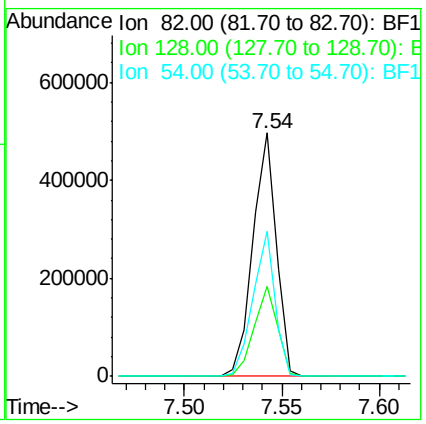


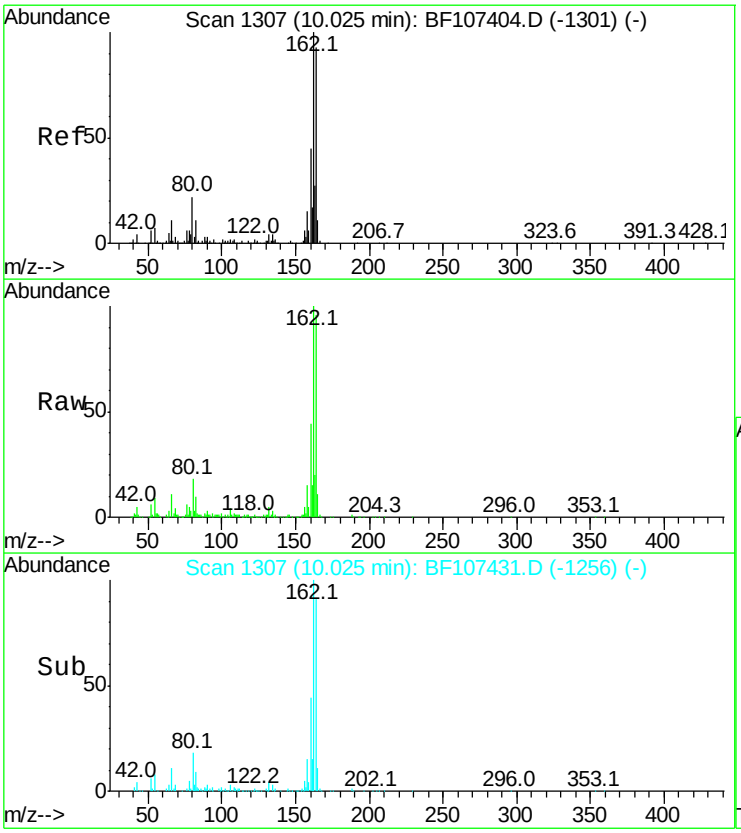
#23
Nitrobenzene-d5
Concen: 40.741 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion: 82 Resp: 414583

Ion	Ratio	Lower	Upper
82	100		
128	37.2	36.1	54.1
54	59.8	41.4	62.2

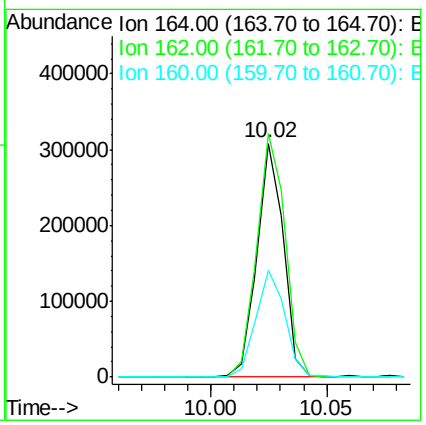


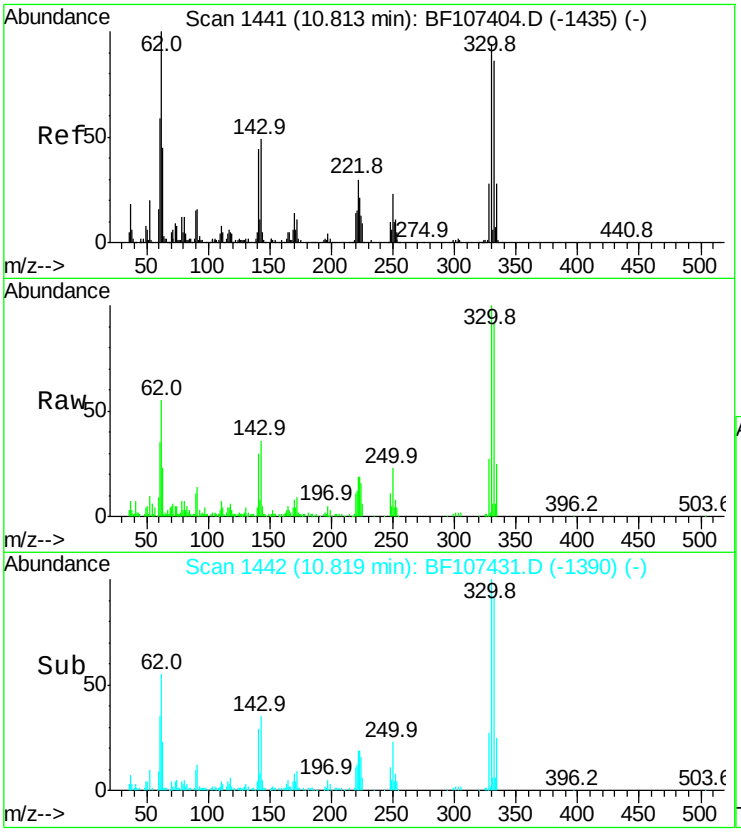


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:164 Resp: 245396

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.7	38.3	57.5



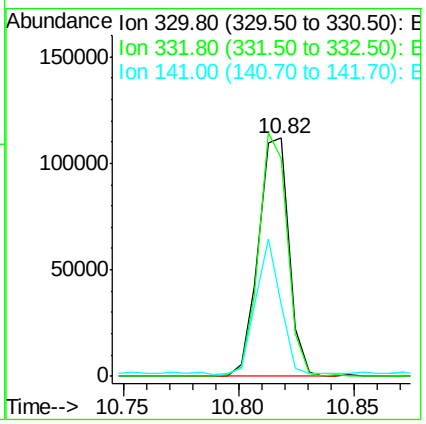


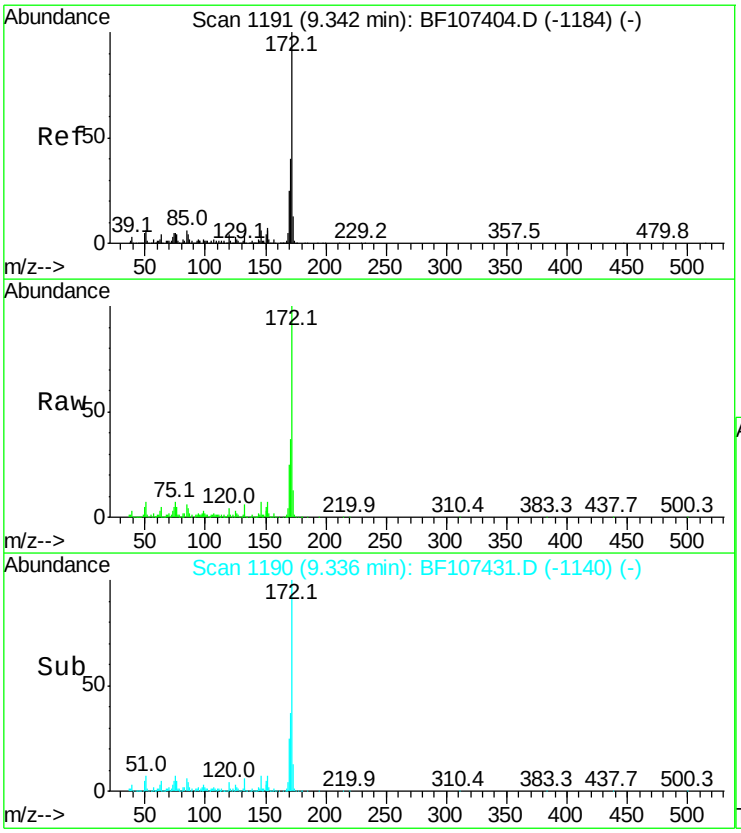
#41
2,4,6-Tribromophenol
Concen: 48.145 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:330 Resp: 103805

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	46.5	29.9	44.9#

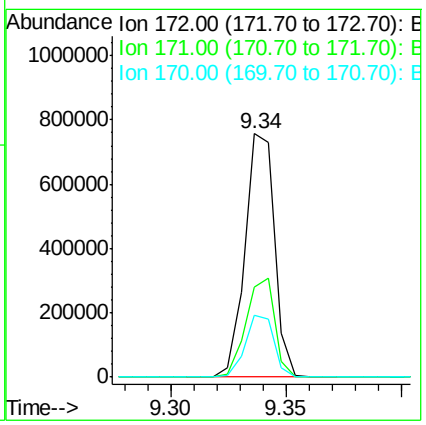


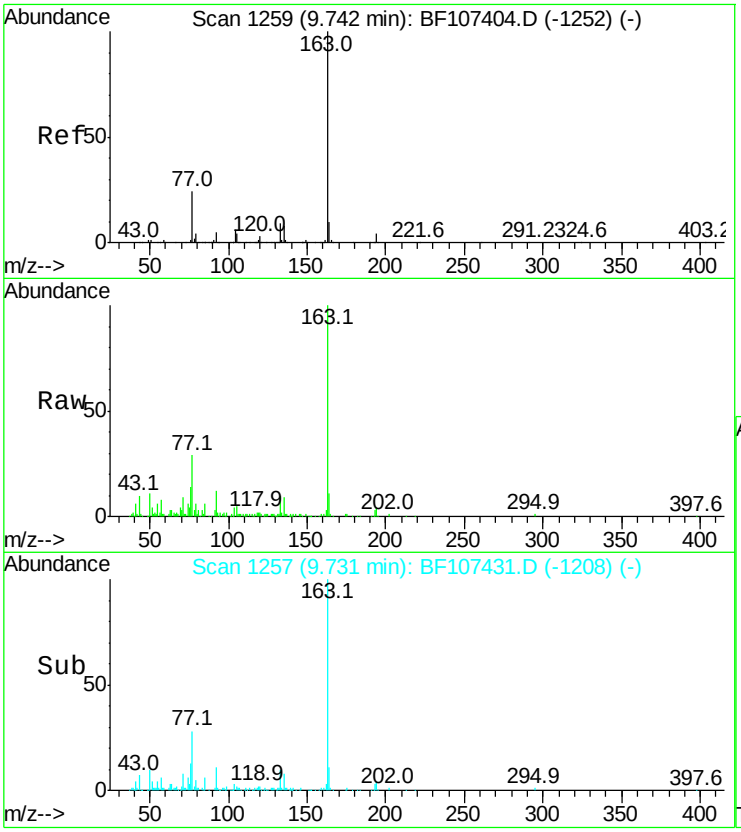


#44
2-Fluorobiphenyl
Concen: 40.548 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:172 Resp: 680203

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.4	19.6	29.4



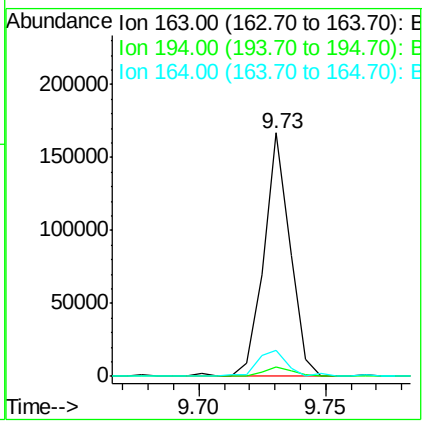


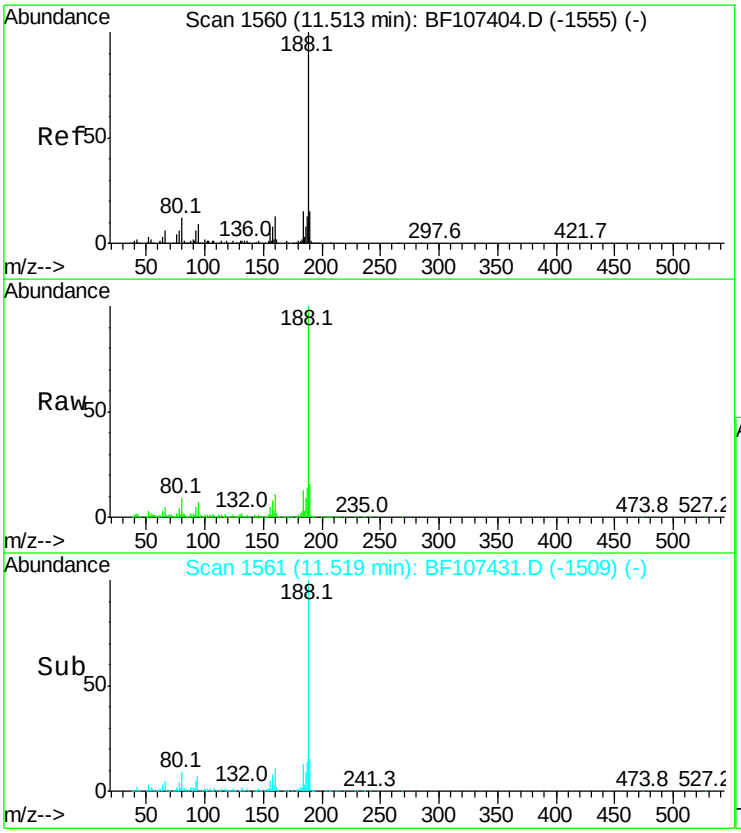
#49
Dimethylphthalate
Concen: 6.208 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:163 Resp: 121033

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.8	8.2	12.2

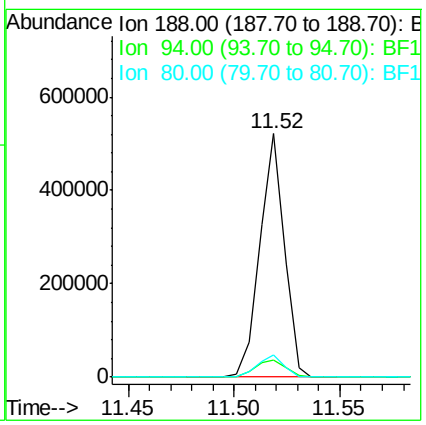


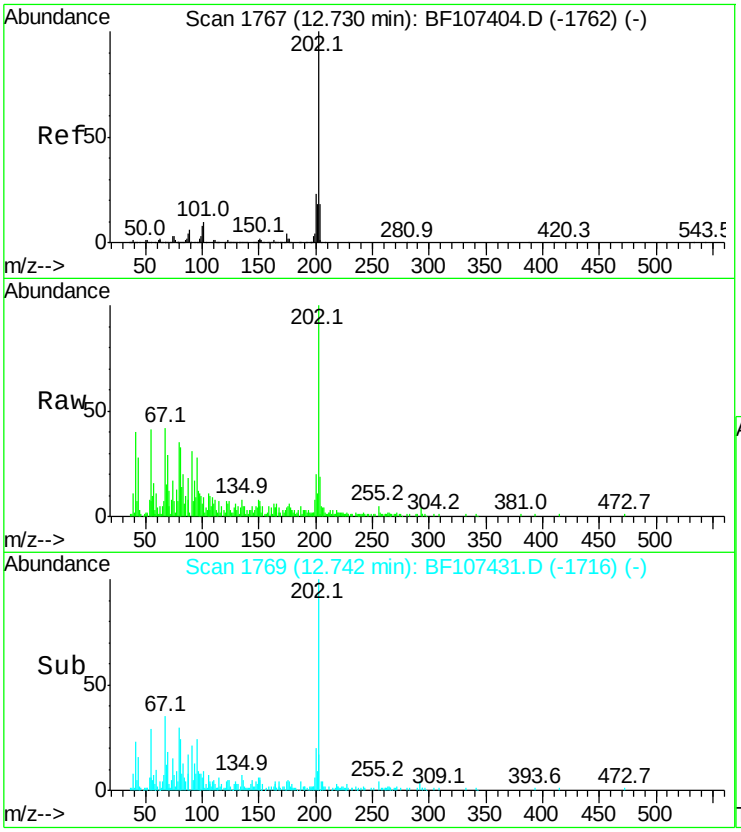


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:188 Resp: 422577

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.5	12.7#
80	9.4	9.2	13.8



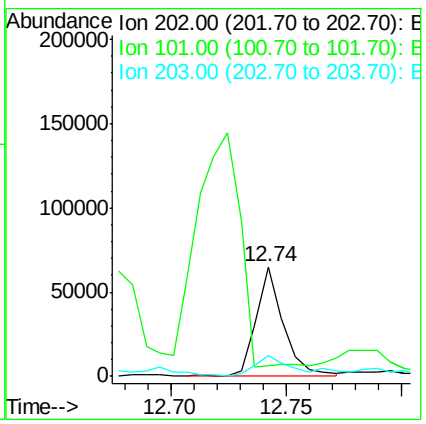


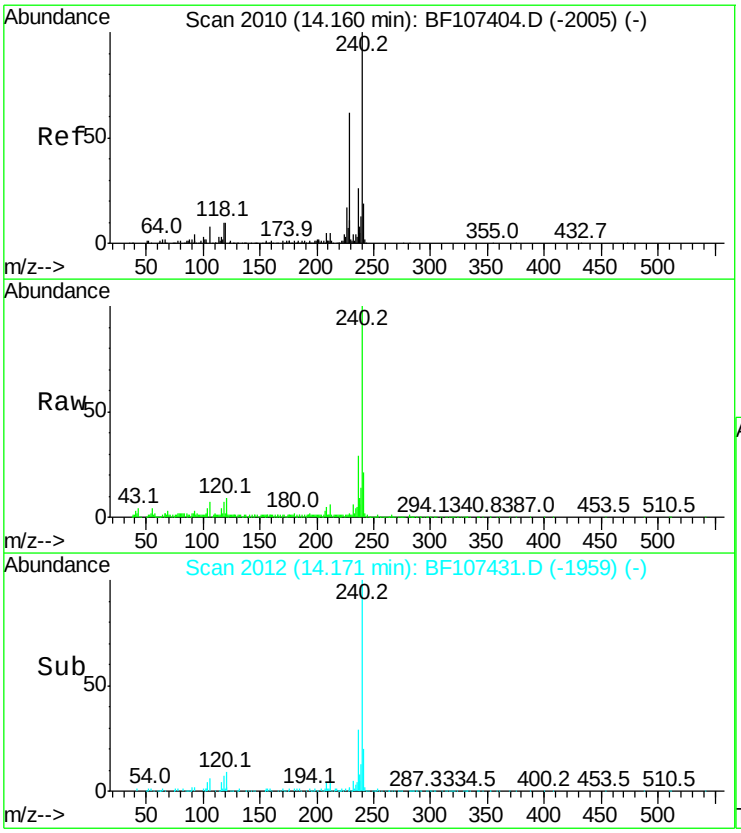
#74
Fluoranthene
Concen: 2.282 ng
RT: 12.74 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:202 Resp: 54632

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	18.5	0.0	38.1

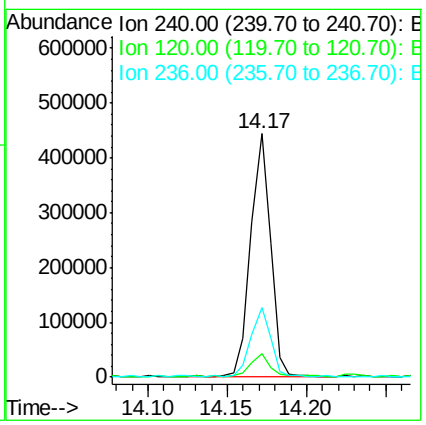


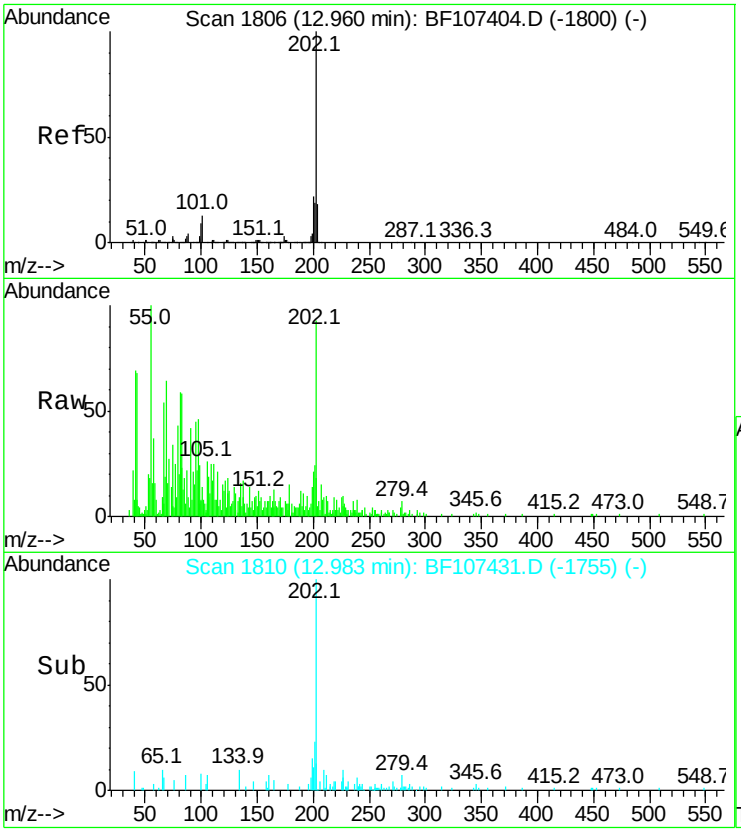


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:240 Resp: 386501

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	28.8	20.7	31.1



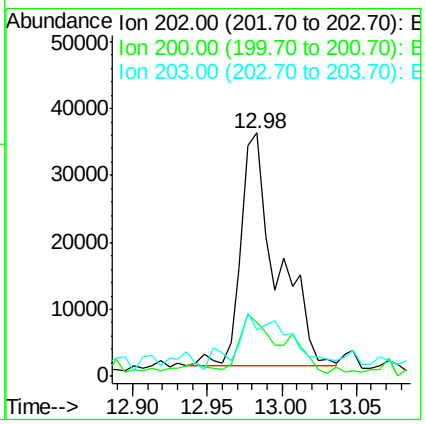


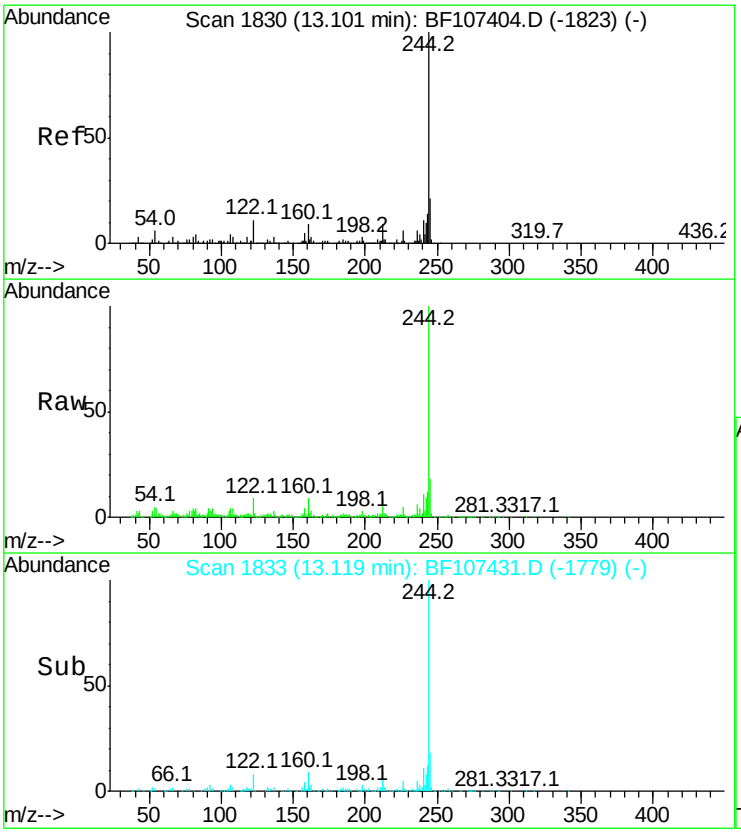
#77
Pyrene
Concen: 2.243 ng
RT: 12.98 min Scan# 1810
Delta R.T. 0.02 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:202 Resp: 58943

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	19.0	14.3	21.5

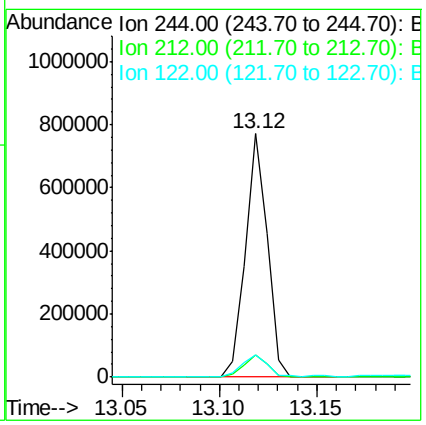


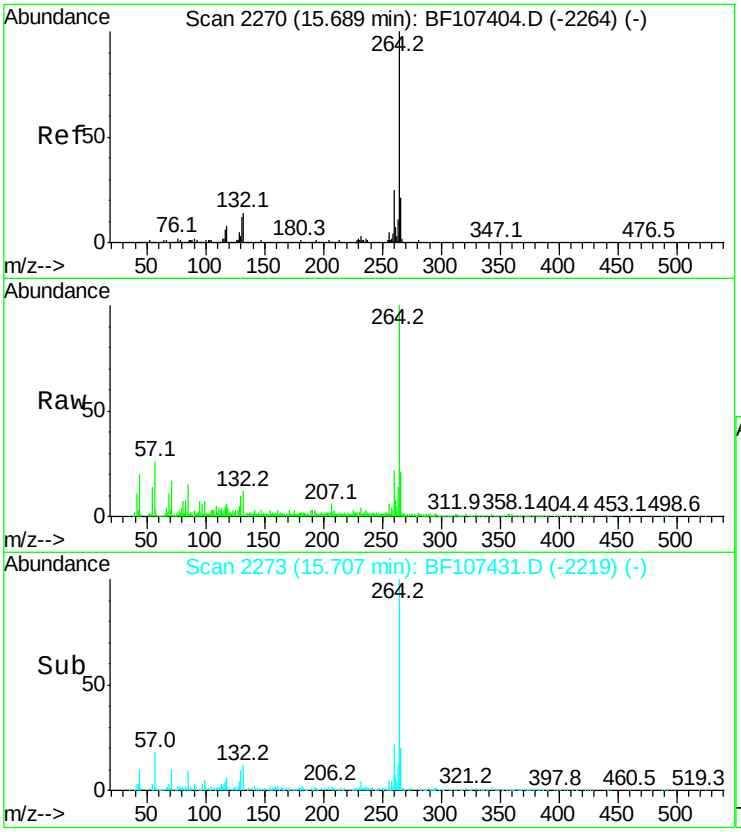


#78
Terphenyl-d14
Concen: 38.411 ng
RT: 13.12 min Scan# 1833
Delta R.T. 0.02 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Tgt Ion:244 Resp: 597519

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.4	8.0#
122	8.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF107431.D
Acq: 17 Jul 2018 4:19

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-A

Tgt Ion:264 Resp: 245076

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.7	17.5	26.3