Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107507.D
Acq On : 19 Jul 2018 10:41
Operator : JU/SJ
Sample : J4006-01DL 20X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RR-BASELINE-WATERDL

Quant Time: Jul 19 13:26:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	99817	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	371185	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	201664	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	375135	20.00	ng	0.00
75) Chrysene-d12	14.17	240	282923	20.00	ng	-0.01
86) Perylene-d12	15.70	264	241069	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	17454	2.66	ng	-0.01
7) Phenol-d6	6.60	99	13790	1.62	ng	-0.01
23) Nitrobenzene-d5	7.54	82	33824	4.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	12807	7.23	ng	-0.02
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.10	244	66247	5.82	ng	-0.01
Target Compounds						Qvalue
17) 2-Methylphenol	7.22	107	16132	2.553	ng	# 86
20) 3+4-Methylphenols	7.38	107	77463	9.650	ng	90
27) 2,4-Dimethylphenol	7.92	122	106776	19.256	ng	# 78

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

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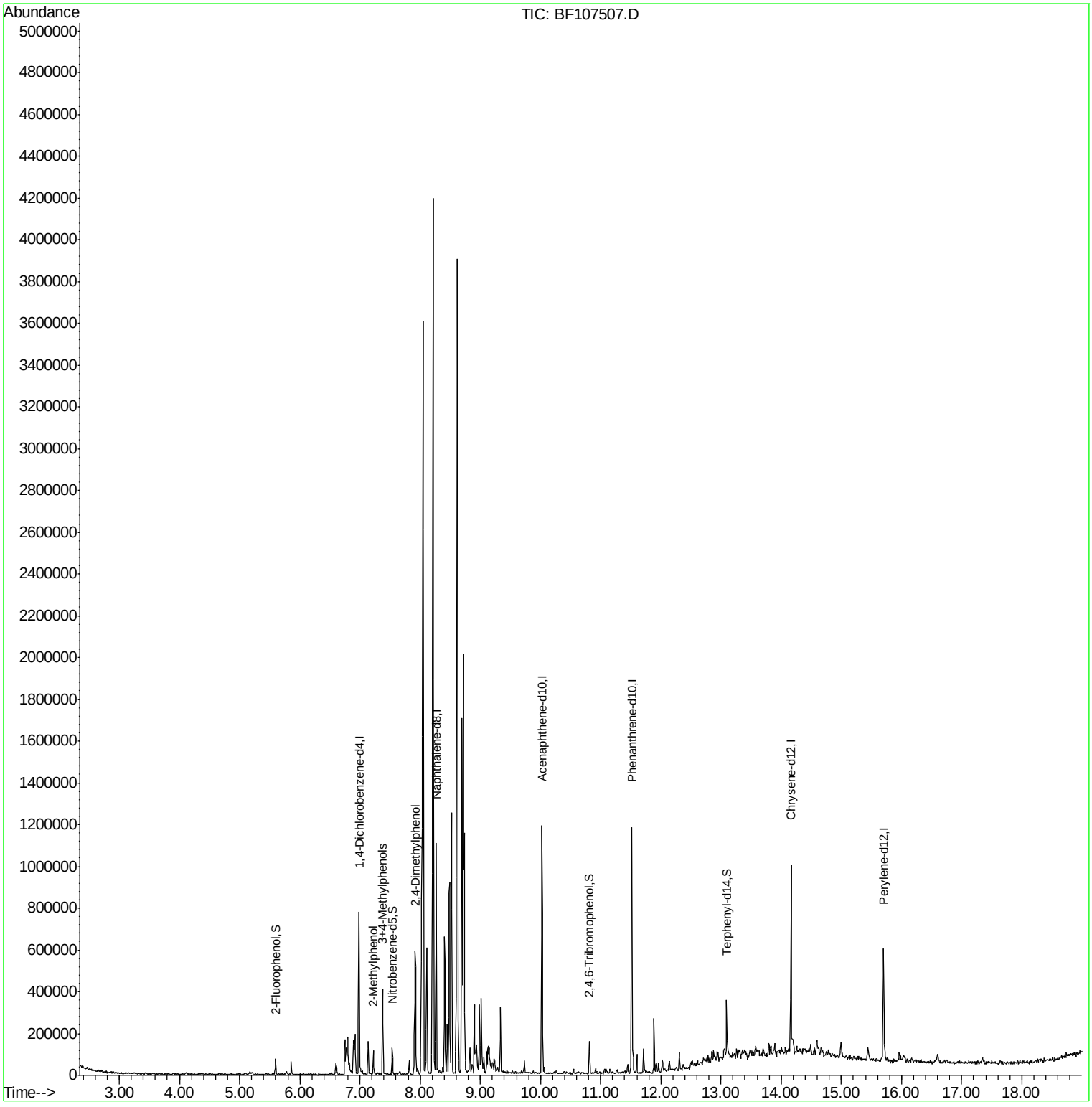
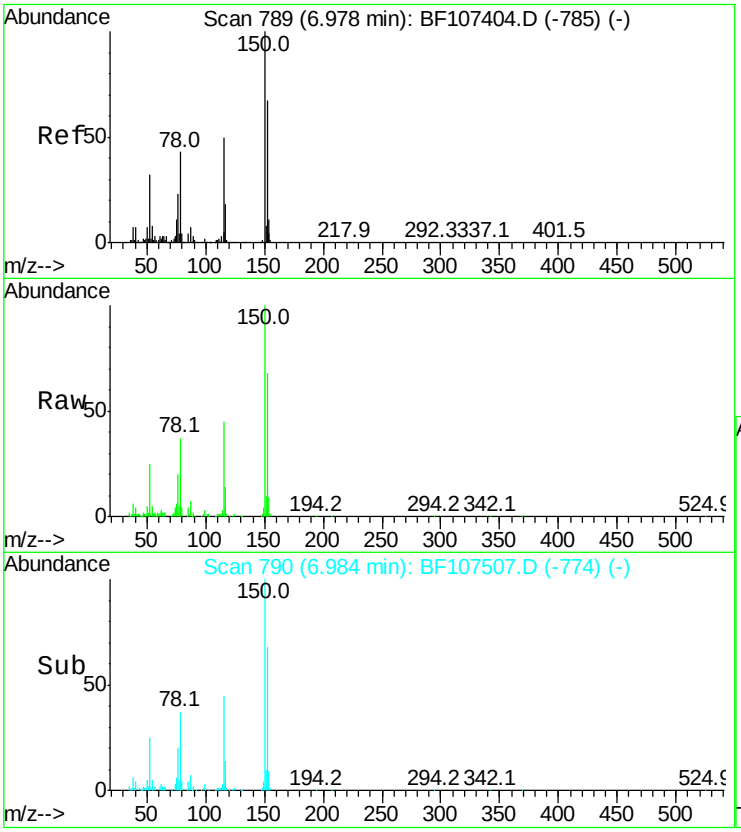


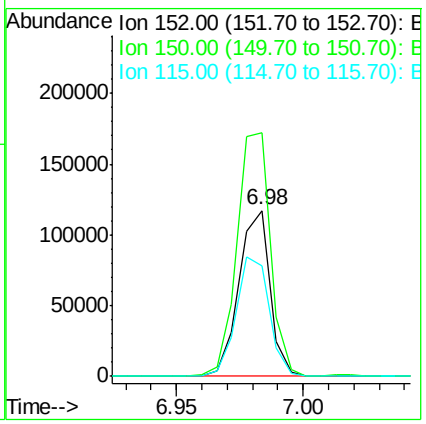


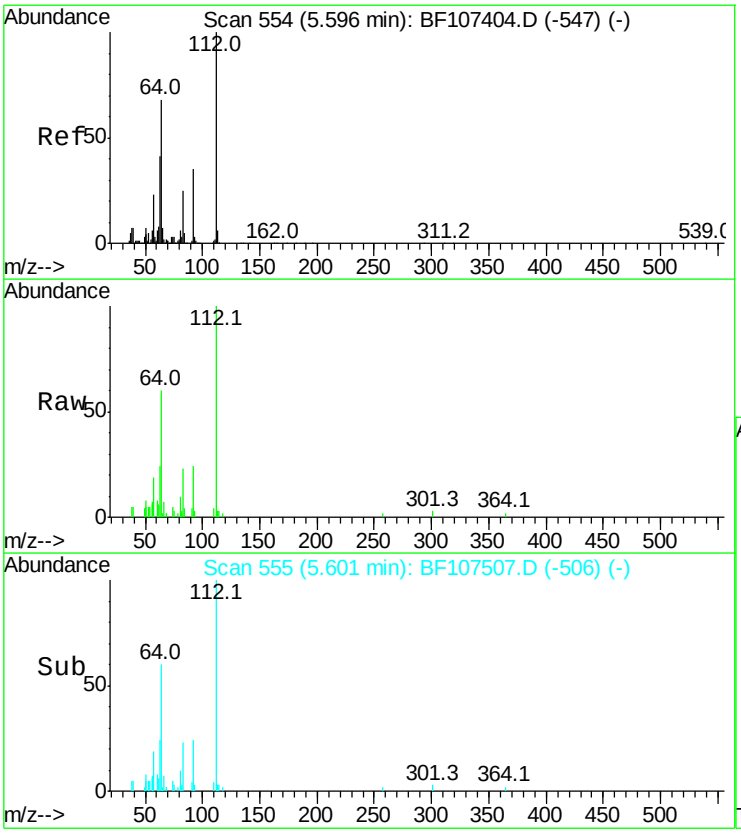
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
RR-BASELINE-WATERDL

Tgt Ion:152 Resp: 99817

Ion	Ratio	Lower	Upper
152	100		
150	146.8	124.6	186.8
115	66.8	50.1	75.1

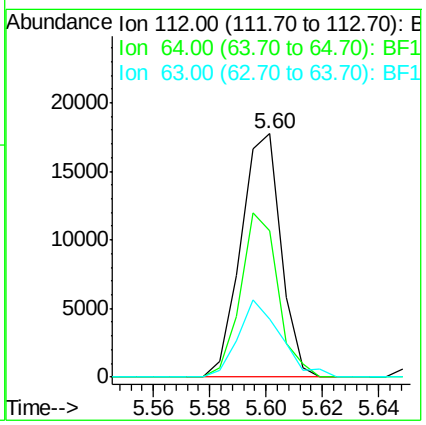


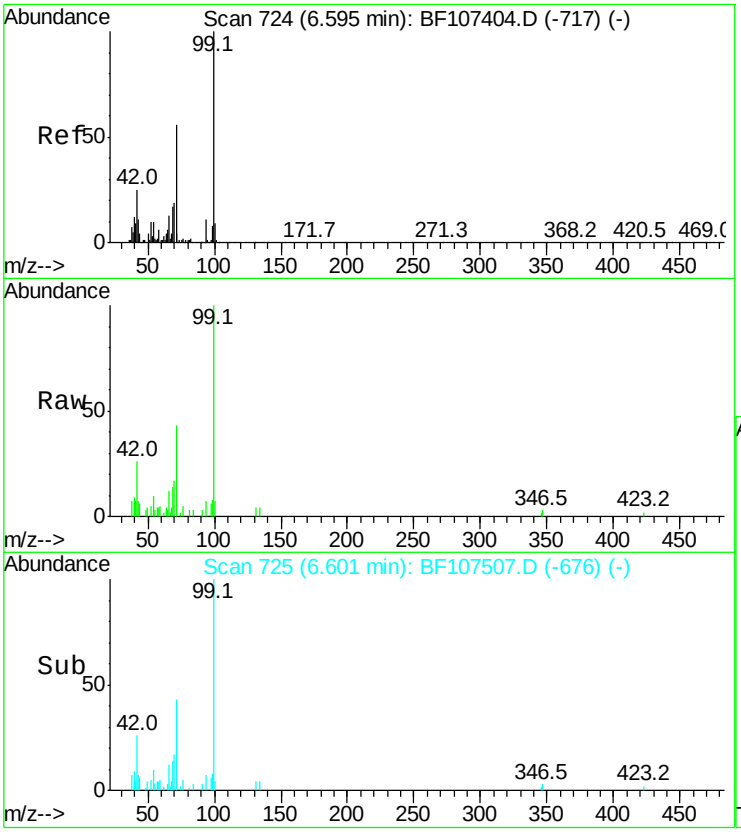


#5
2-Fluorophenol
Concen: 2.656 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Tgt Ion:112 Resp: 17454

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	23.6	23.7	35.5#



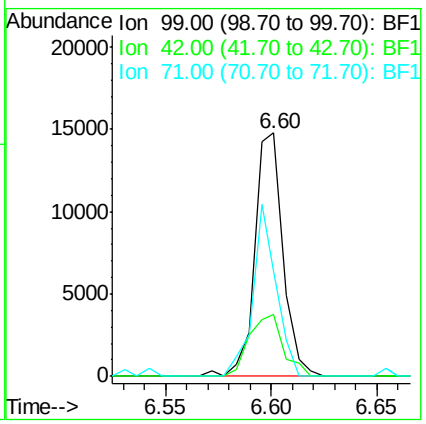


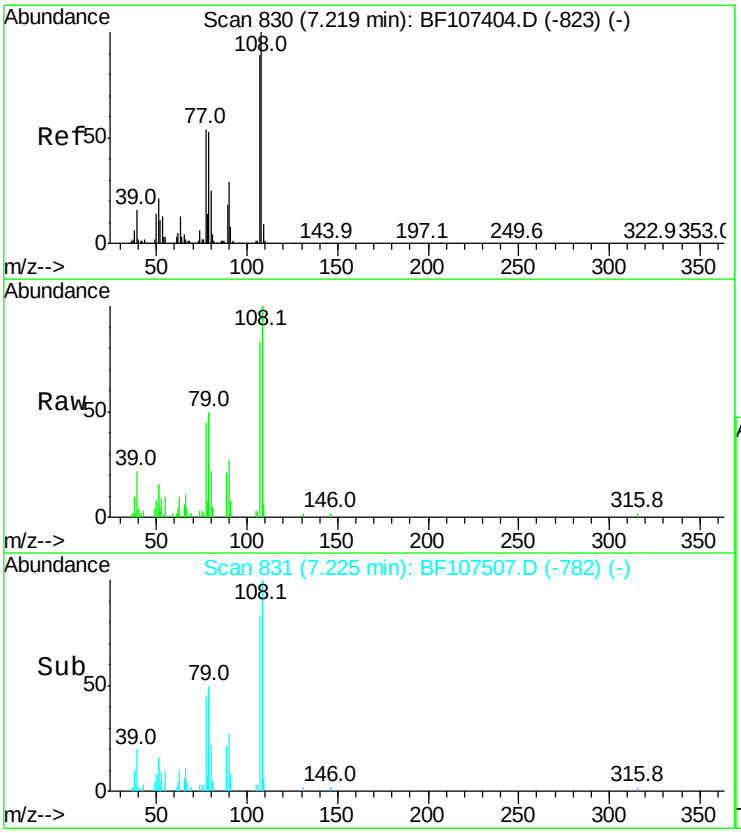
#7
Phenol-d6
Concen: 1.623 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
RR-BASELINE-WATERDL

Tgt Ion: 99 Resp: 13790

Ion	Ratio	Lower	Upper
99	100		
42	25.6	14.5	21.7#
71	43.3	25.4	38.0#

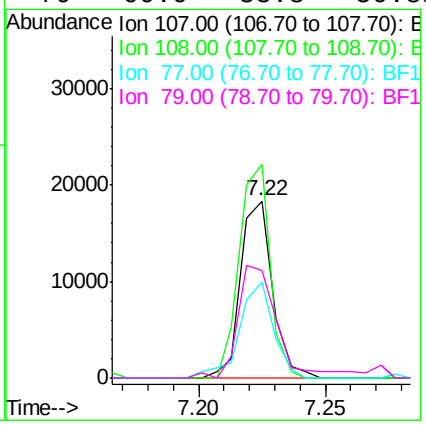


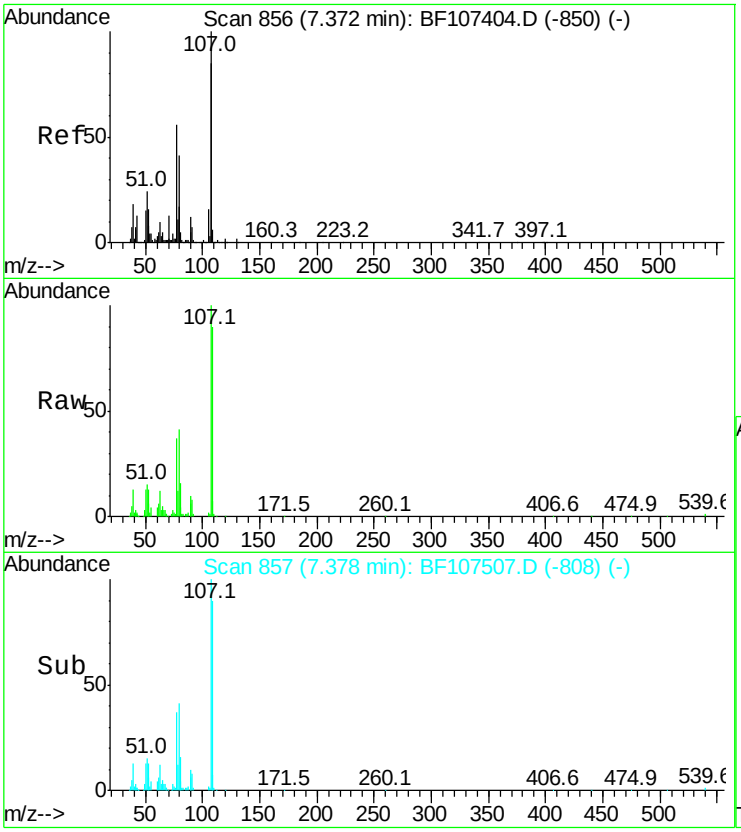


#17
2-Methylphenol
Concen: 2.553 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Tgt Ion:107 Resp: 16132

Ion	Ratio	Lower	Upper
107	100		
108	120.8	91.7	137.5
77	54.4	33.8	50.8#
79	60.9	33.8	50.8#



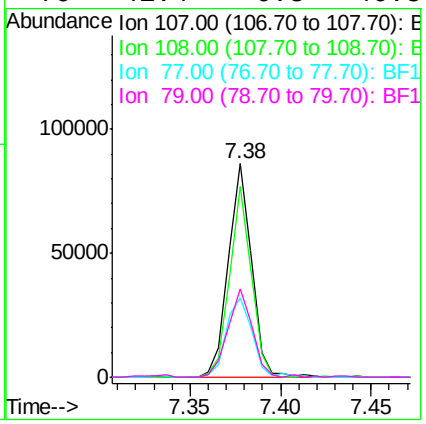


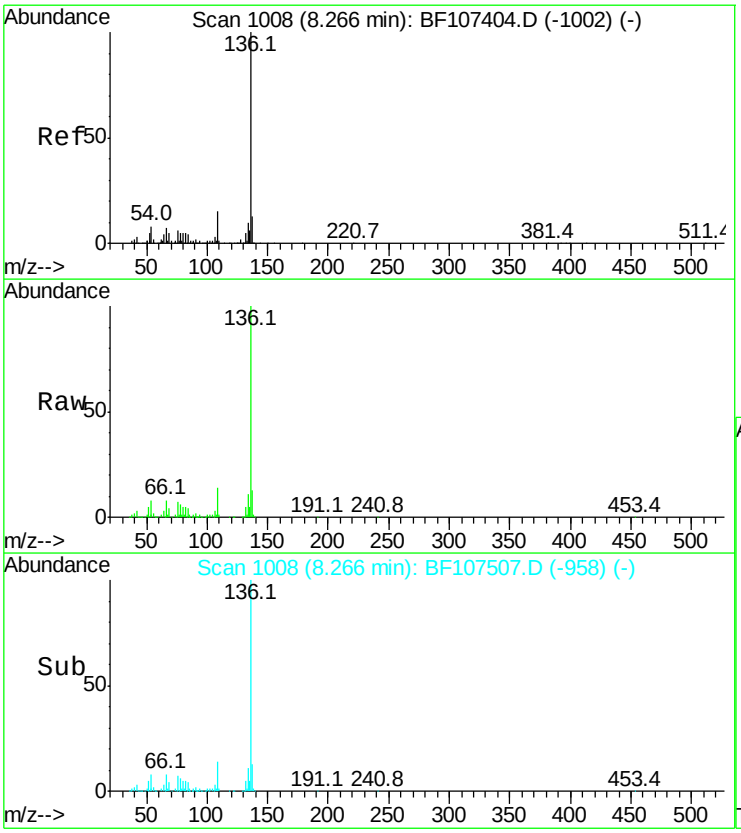
#20
3+4-Methylphenols
Concen: 9.650 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
RR-BASELINE-WATERDL

Tgt Ion:107 Resp: 77463

Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	37.4	26.7	66.7
79	41.4	6.3	46.3

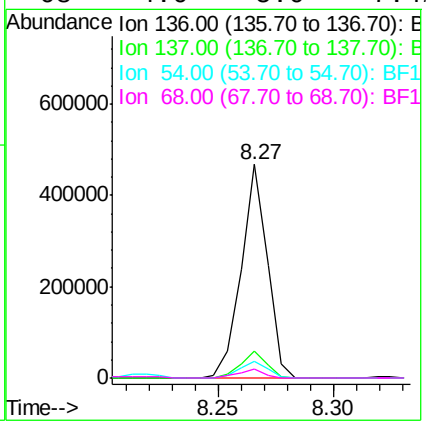


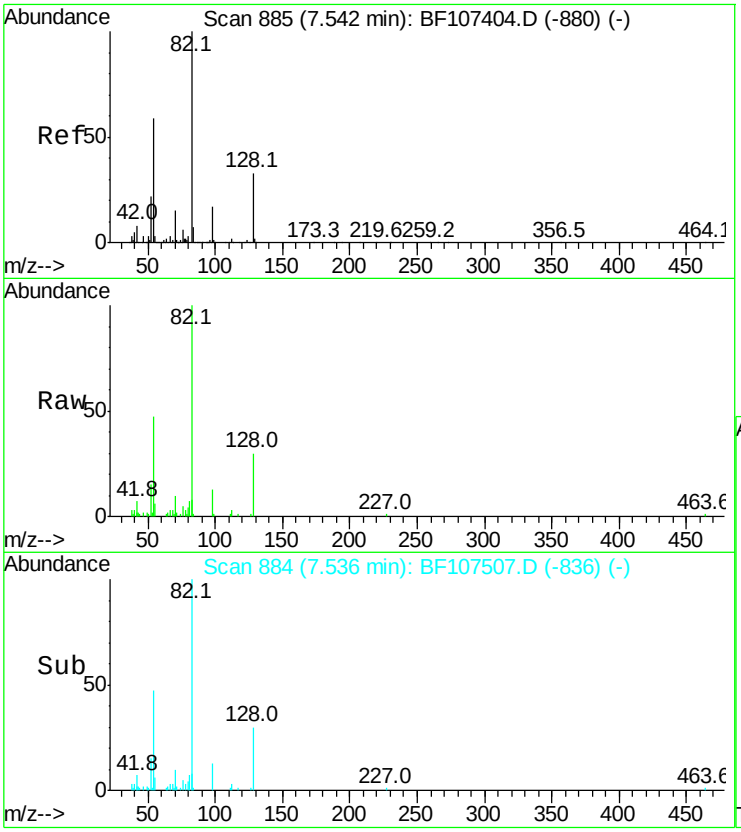


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Tgt Ion:136 Resp: 371185

Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.9	13.3
54	7.7	6.6	9.8
68	4.0	5.0	7.4#



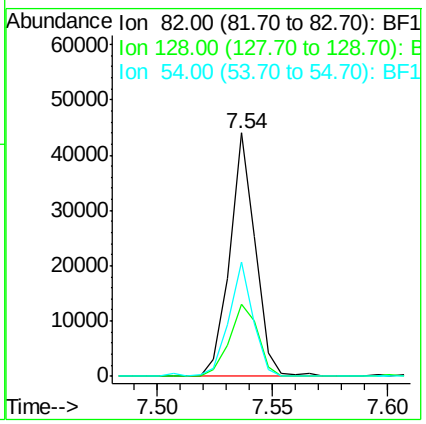


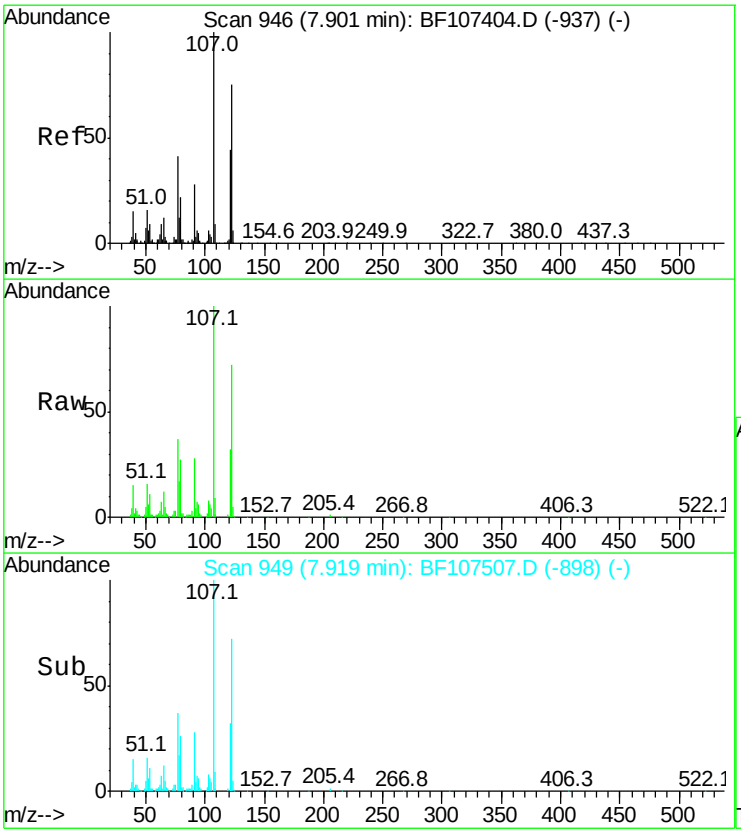
#23
Nitrobenzene-d5
Concen: 4.859 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
RR-BASELINE-WATERDL

Tgt Ion: 82 Resp: 33824

Ion	Ratio	Lower	Upper
82	100		
128	29.8	36.1	54.1#
54	47.1	41.4	62.2

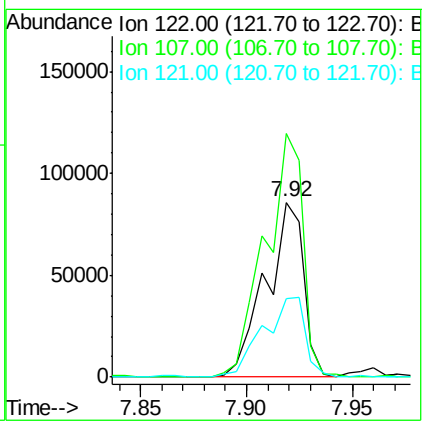


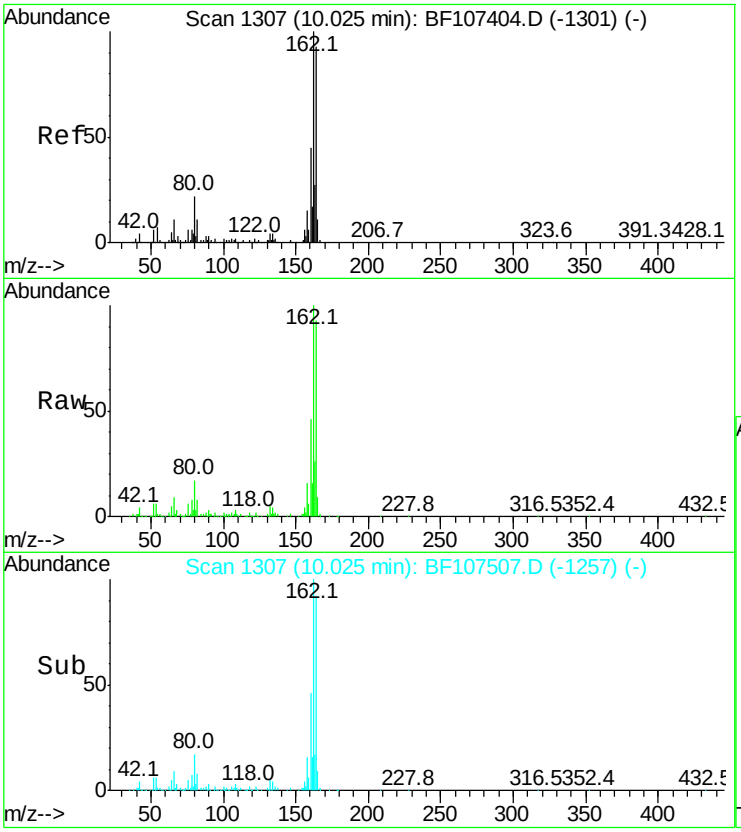


#27
2,4-Dimethylphenol
Concen: 19.256 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Tgt Ion:122 Resp: 106776

Ion	Ratio	Lower	Upper
122	100		
107	139.0	91.2	136.8#
121	44.5	47.2	70.8#



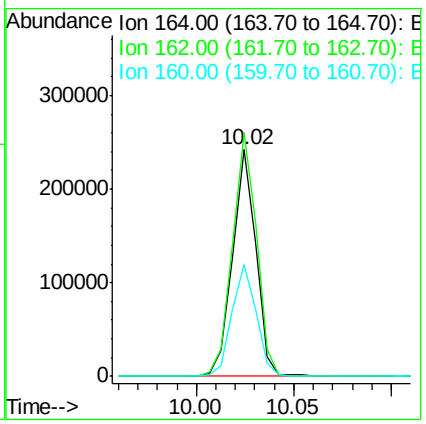


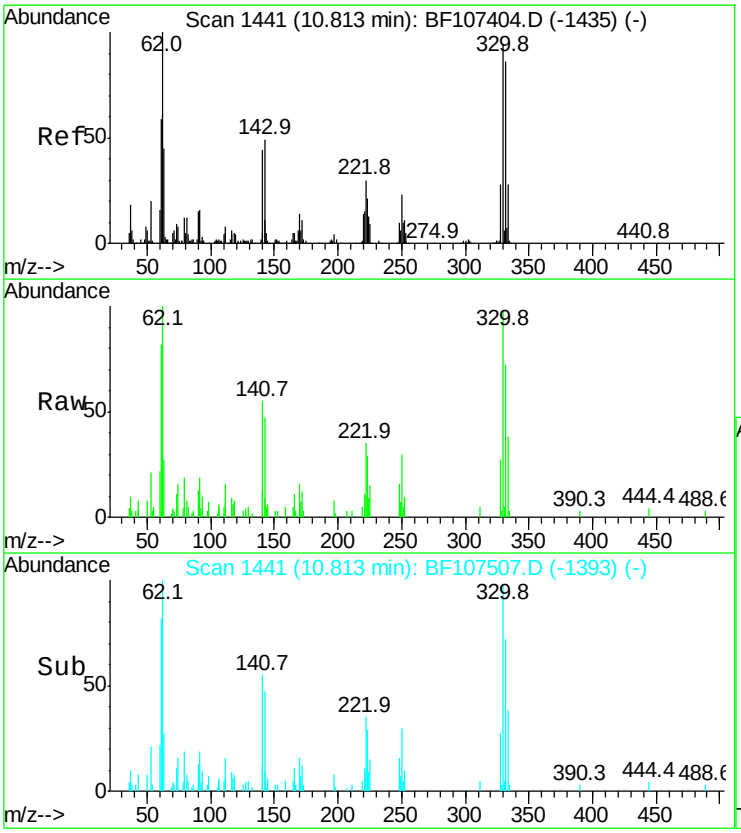
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
RR-BASELINE-WATERDL

Tgt Ion:164 Resp: 201664

Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	49.4	38.3	57.5

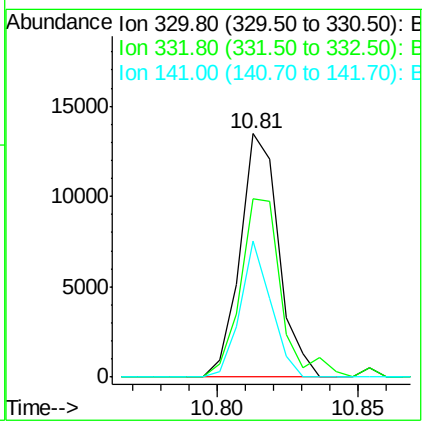


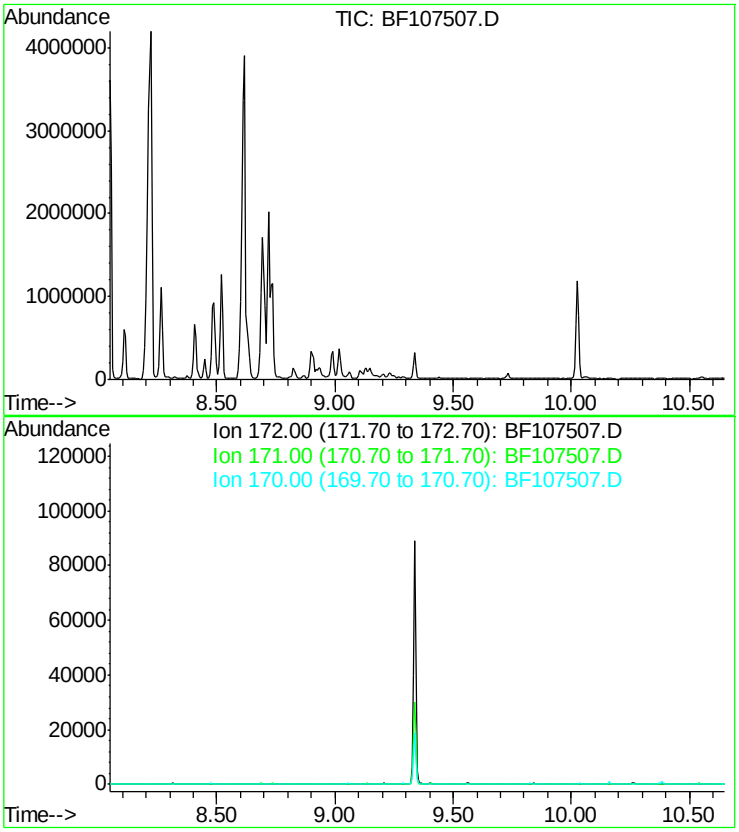


#41
2,4,6-Tribromophenol
Concen: 7.228 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Tgt Ion:330 Resp: 12807

Ion	Ratio	Lower	Upper
330	100		
332	77.6	77.0	115.6
141	44.4	29.9	44.9





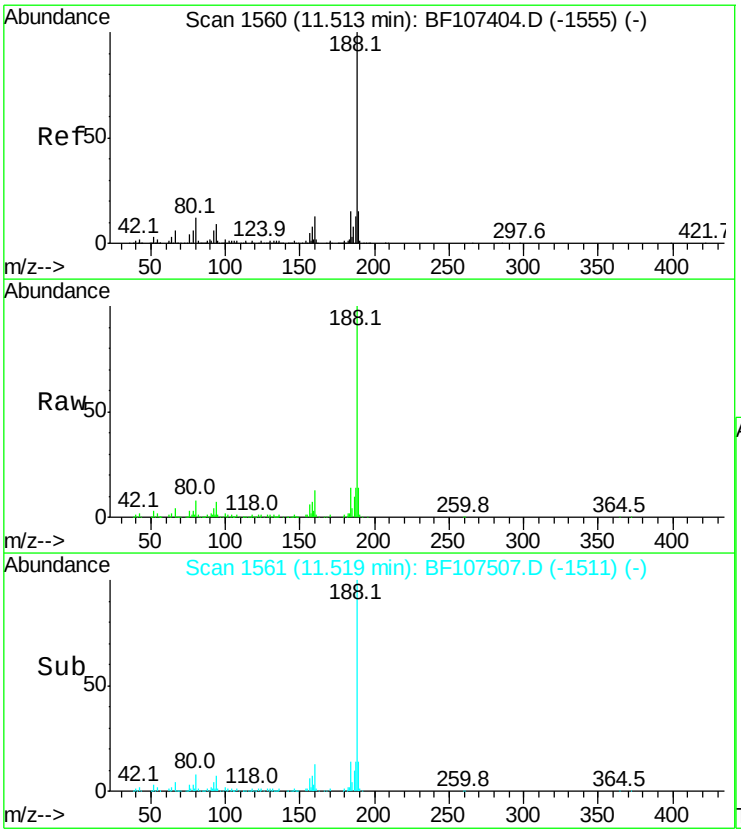
#44
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.35 min

Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	37.1
170	24.5

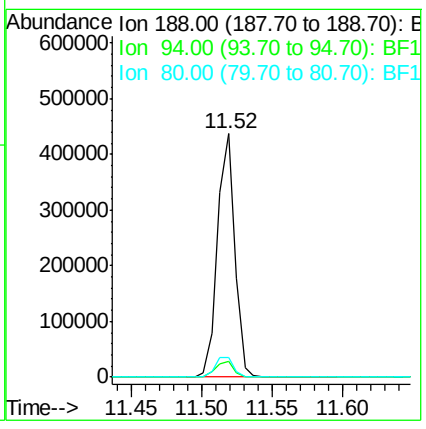
Instrument :
BNA_F
ClientSampleId :
RR-BASELINE-WATERDL

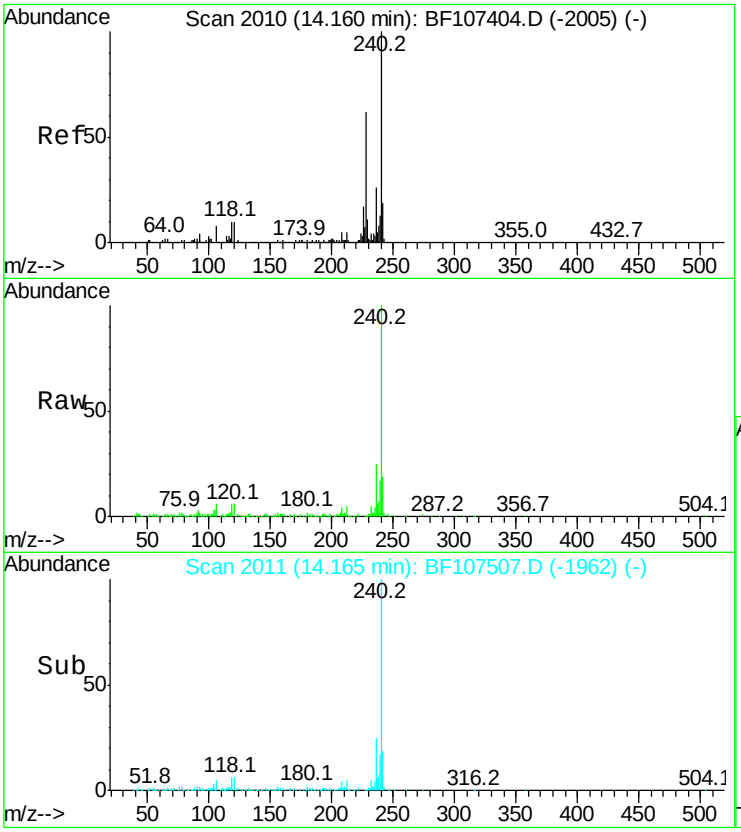


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Tgt Ion:188 Resp: 375135

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.5	12.7#
80	7.8	9.2	13.8#



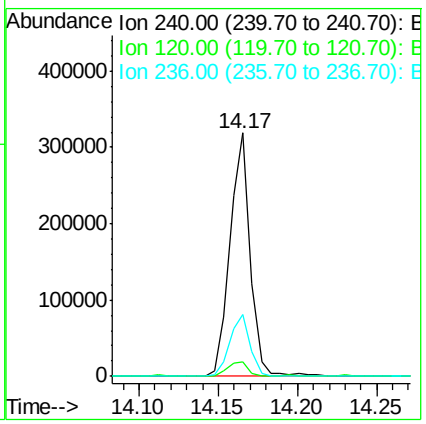


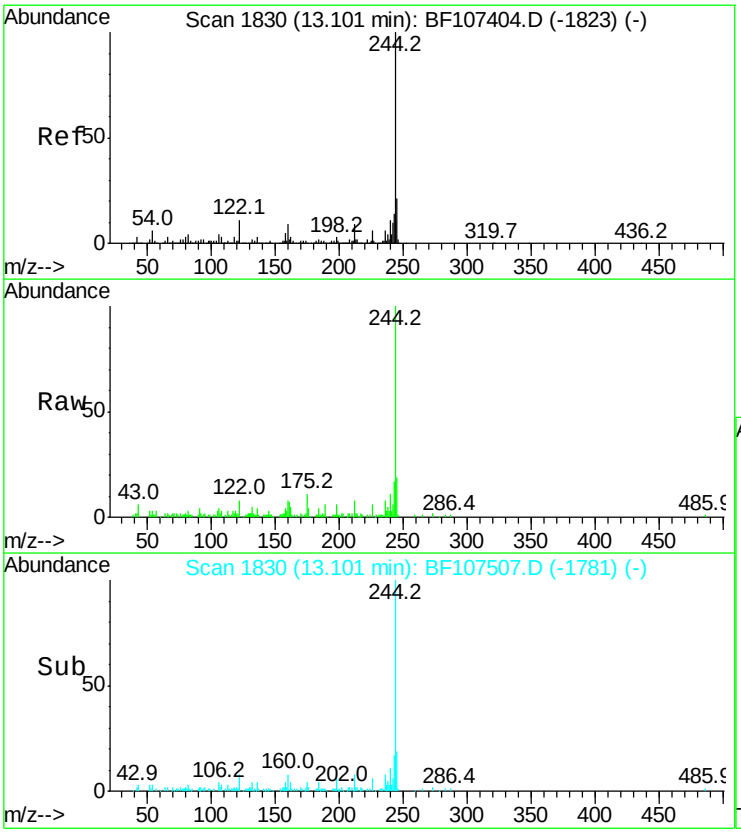
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
RR-BASELINE-WATERDL

Tgt Ion:240 Resp: 282923

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	25.4	20.7	31.1

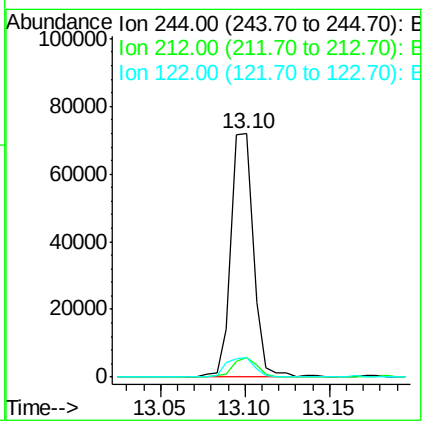


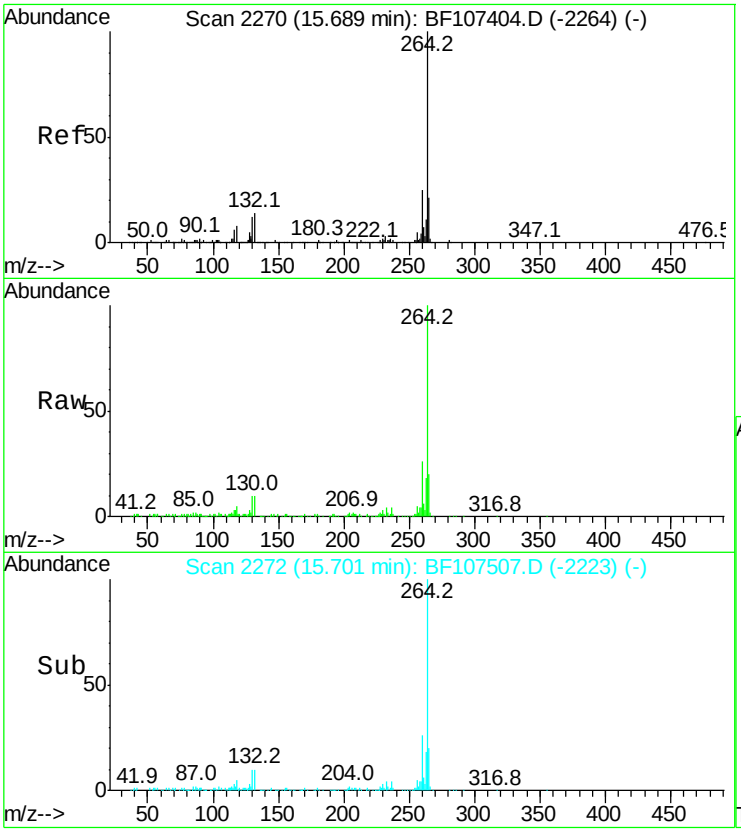


#78
Terphenyl-d14
Concen: 5.818 ng
RT: 13.10 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Tgt Ion:244 Resp: 66247

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.4	8.0#
122	7.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF107507.D
Acq: 19 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
RR-BASELINE-WATERDL

Tgt Ion:264 Resp: 241069

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	20.4	17.5	26.3