Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107441.D
Acq On : 17 Jul 2018 11:33
Operator : JU/SJ
Sample : J3545-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1DL

Quant Time: Jul 17 13:59:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	136256	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	577898	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	250405	20.00	ng		0.00
63) Phenanthrene-d10	11.53	188	556142	20.00	ng		0.00
75) Chrysene-d12	14.17	240	427640	20.00	ng		0.00
86) Perylene-d12	15.71	264	407772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	146601	16.34	ng		0.00
7) Phenol-d6	6.62	99	105688	9.11	ng		0.02
23) Nitrobenzene-d5	7.54	82	289373	26.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.83	330	80955	36.80	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	397243	17.89	ng		0.00
78) Terphenyl-d14	13.11	244	468076	27.20	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.64	94	263938	21.224	ng		79
20) 3+4-Methylphenols	7.41	107	91549	8.354	ng	#	84
31) Naphthalene	8.29	128	71853	2.560	ng	#	88
32) Benzoic acid	8.05	122	55037	10.387	ng	#	84
49) Dimethylphthalate	9.75	163	46484	2.336	ng	#	49
83) Bis(2-ethylhexyl)phthalate	14.14	149	670396	44.165	ng		96

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

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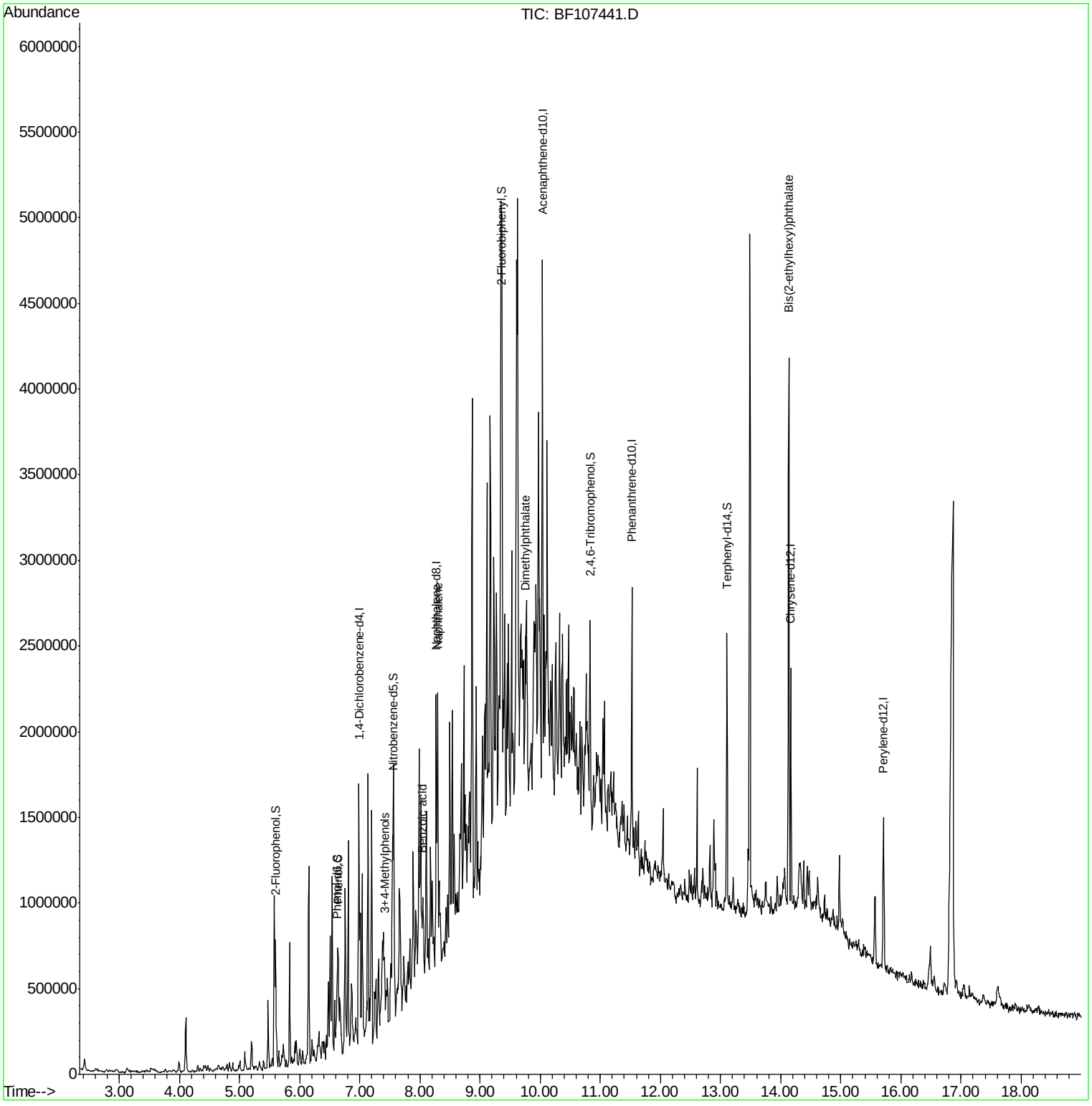
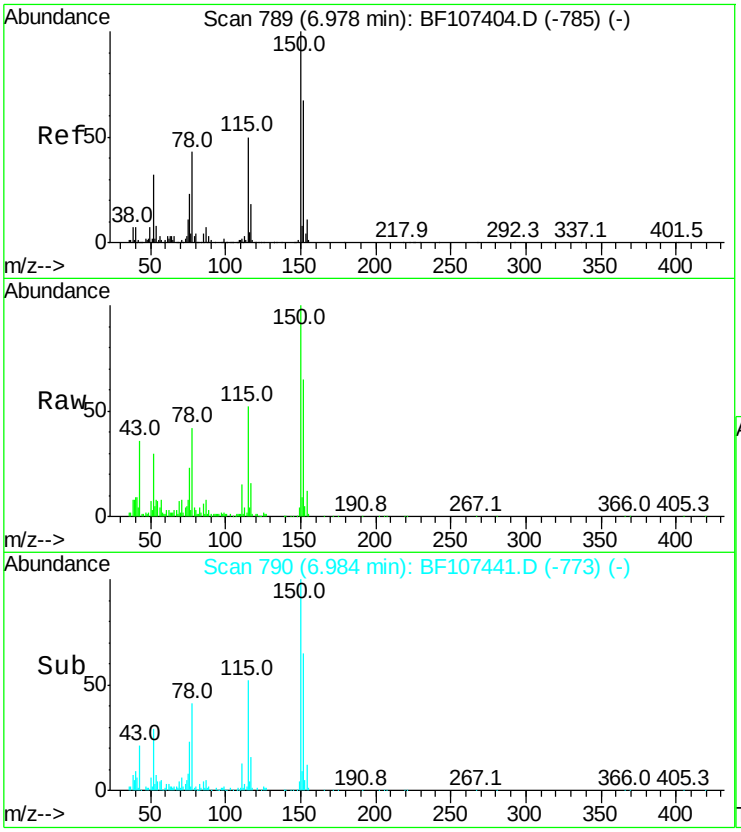


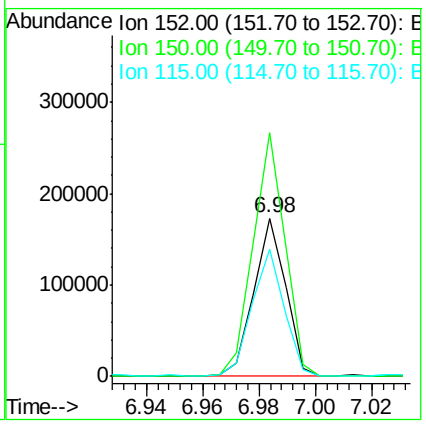


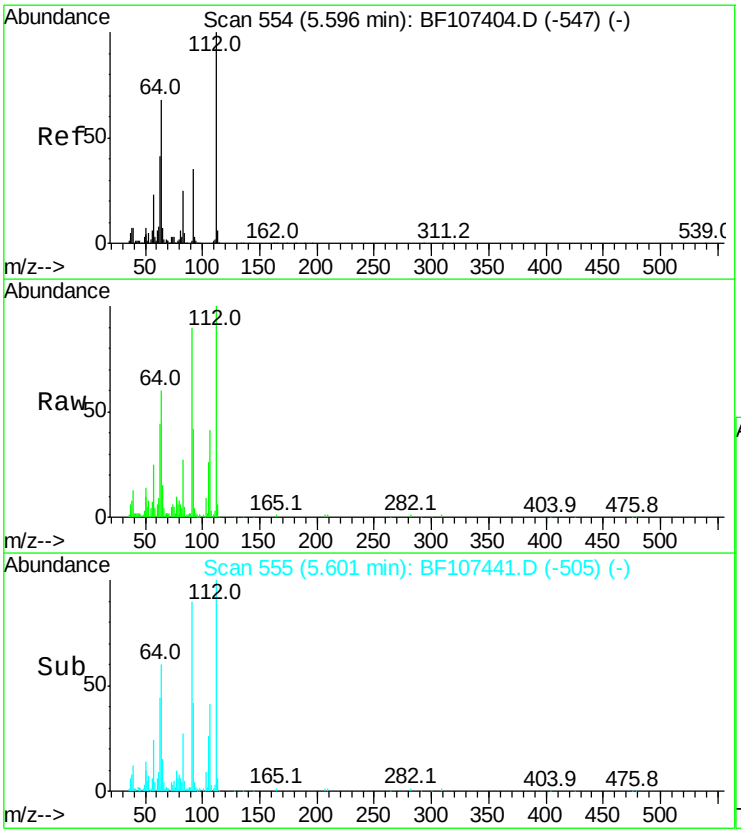
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tgt Ion:152 Resp: 136256

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	80.9	50.1	75.1#

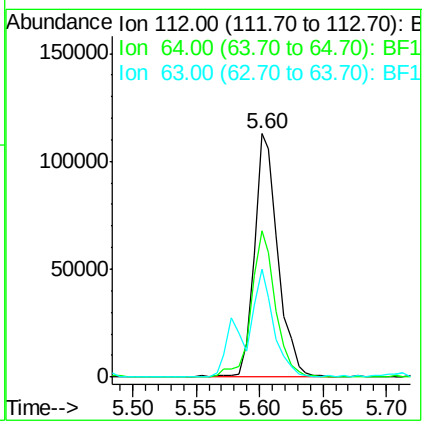


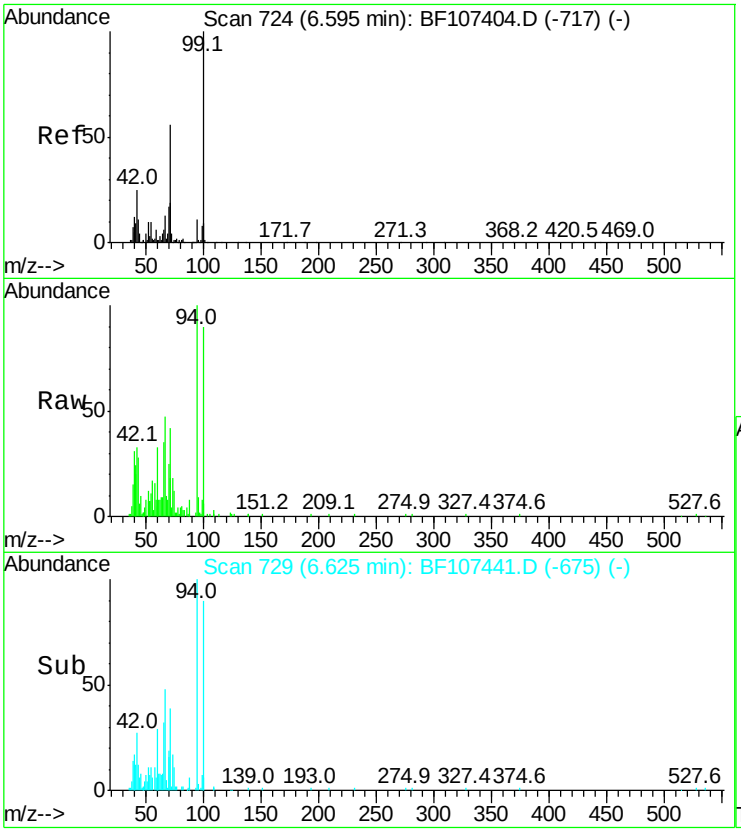


#5
2-Fluorophenol
Concen: 16.341 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:112 Resp: 146601

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	44.1	23.7	35.5#



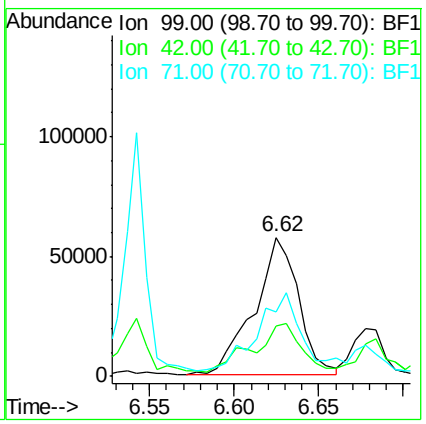


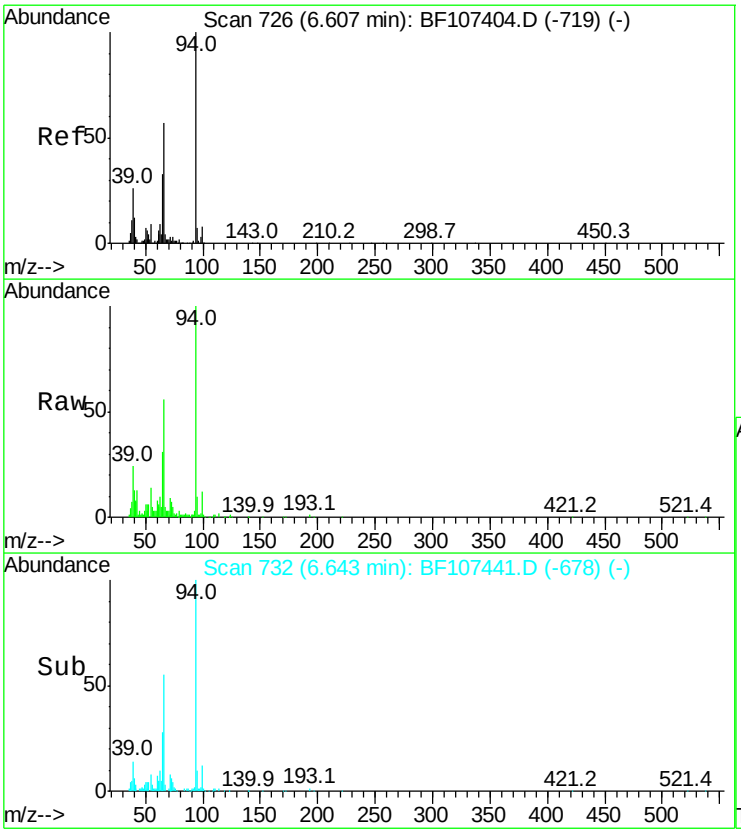
#7
Phenol-d6
Concen: 9.112 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.02 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tgt Ion: 99 Resp: 105688

Ion	Ratio	Lower	Upper
99	100		
42	36.4	14.5	21.7#
71	46.3	25.4	38.0#

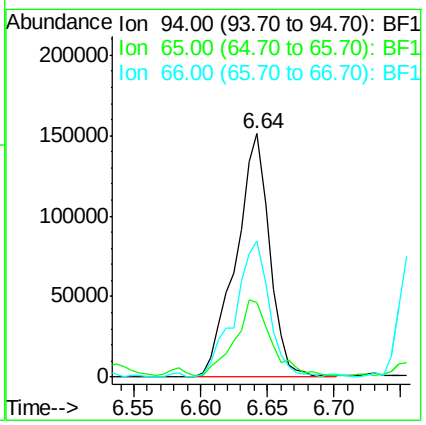


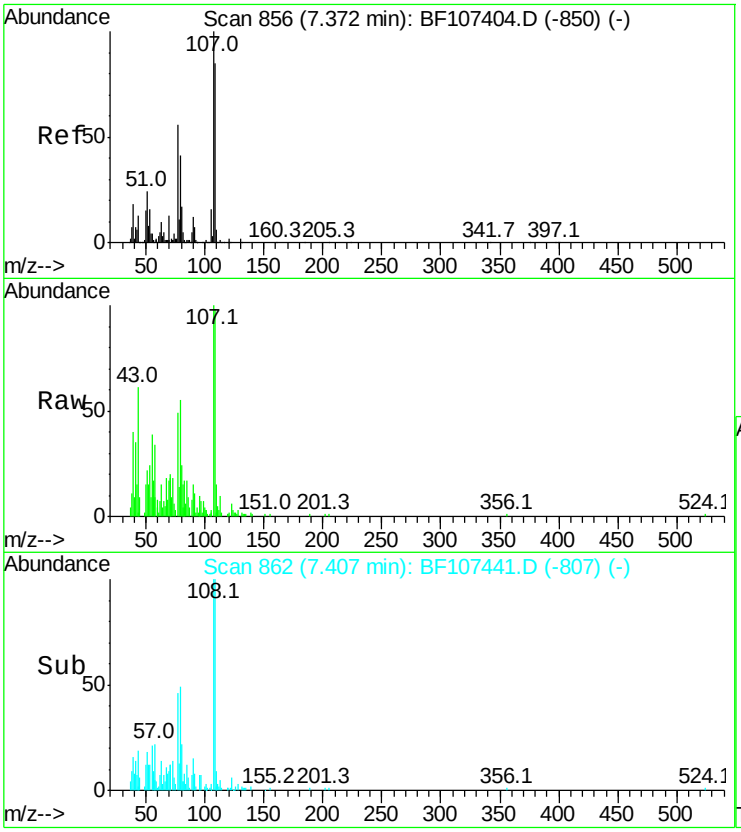


#10
Phenol
Concen: 21.224 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.02 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion: 94 Resp: 263938

Ion	Ratio	Lower	Upper
94	100		
65	30.7	7.9	47.9
66	56.0	16.2	56.2



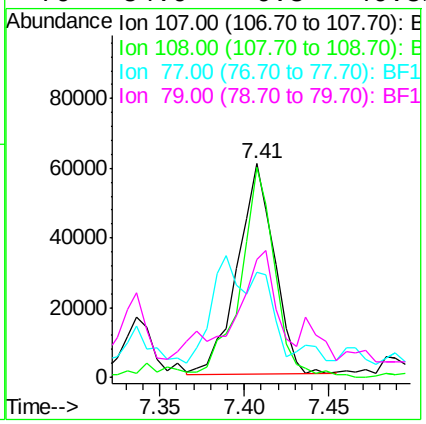


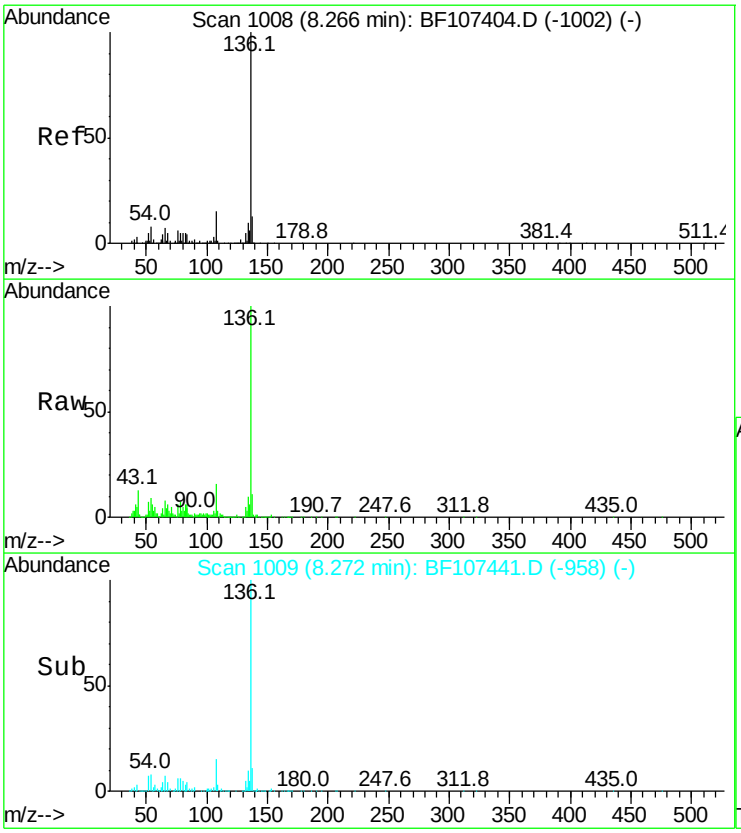
#20
3+4-Methylphenols
Concen: 8.354 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tgt Ion:107 Resp: 91549

Ion	Ratio	Lower	Upper
107	100		
108	98.1	68.2	108.2
77	48.9	26.7	66.7
79	54.9	6.3	46.3#

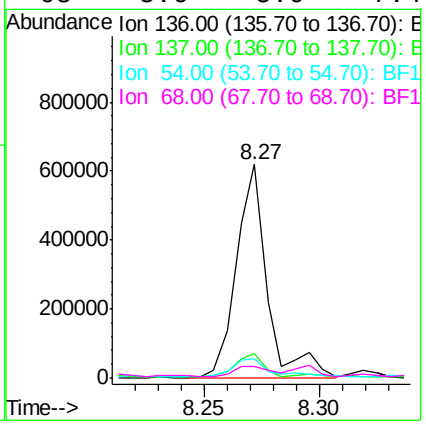


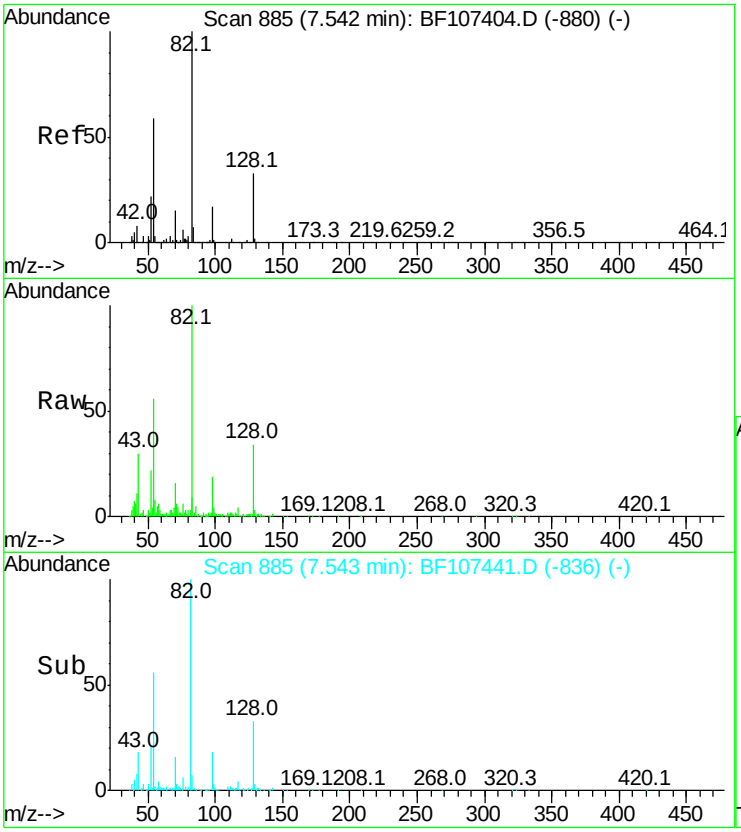


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:136 Resp: 577898

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.3	6.6	9.8
68	5.6	5.0	7.4



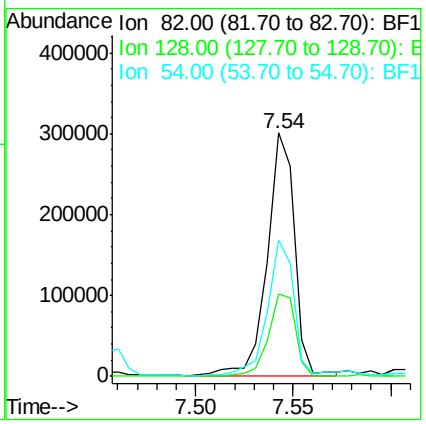


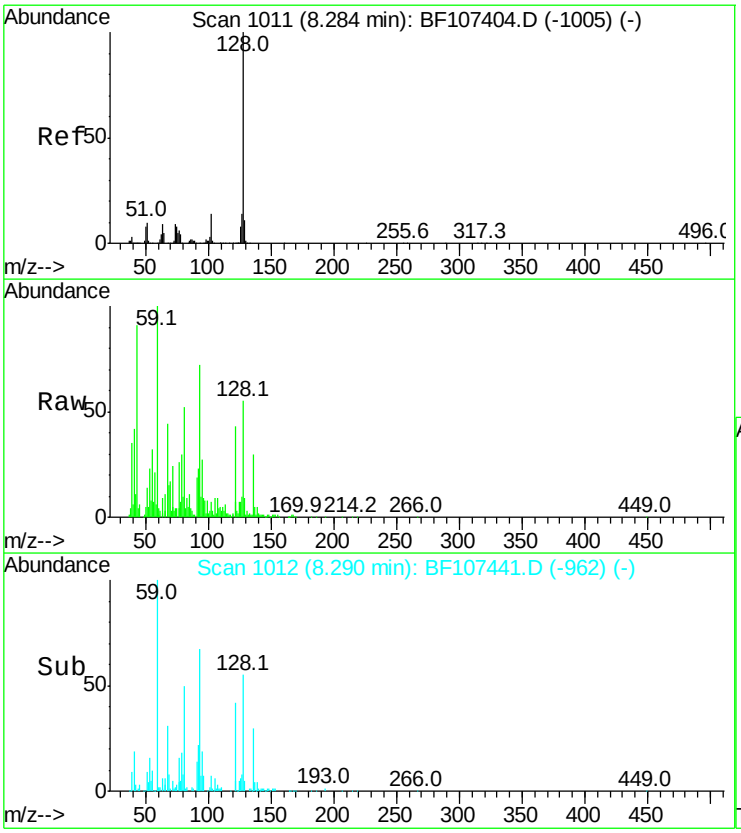
#23
Nitrobenzene-d5
Concen: 26.701 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tgt Ion: 82 Resp: 289373

Ion	Ratio	Lower	Upper
82	100		
128	33.6	36.1	54.1#
54	55.8	41.4	62.2

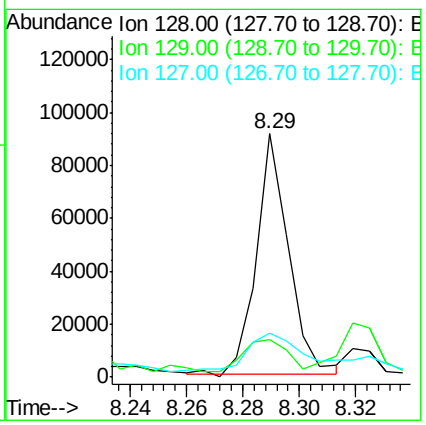


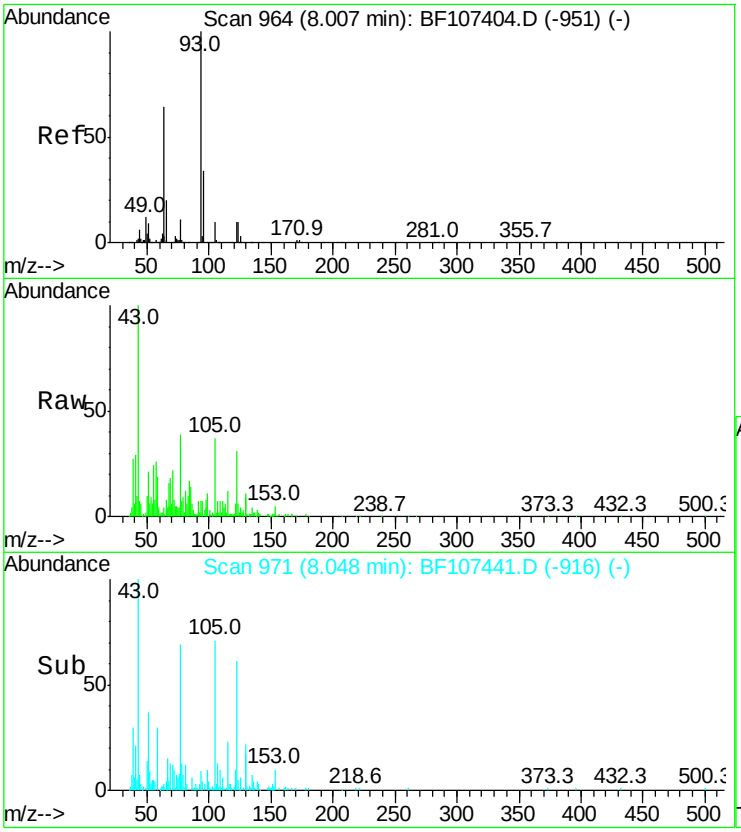


#31
Naphthalene
Concen: 2.560 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:128 Resp: 71853

Ion	Ratio	Lower	Upper
128	100		
129	15.7	8.8	13.2#
127	18.1	10.9	16.3#



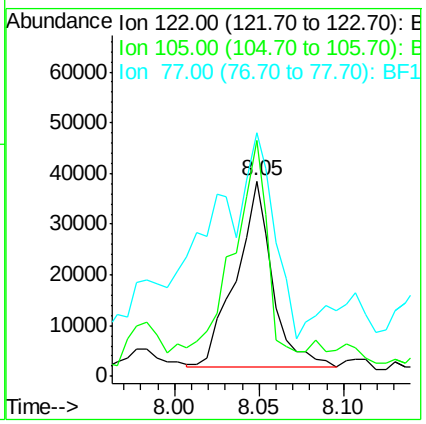


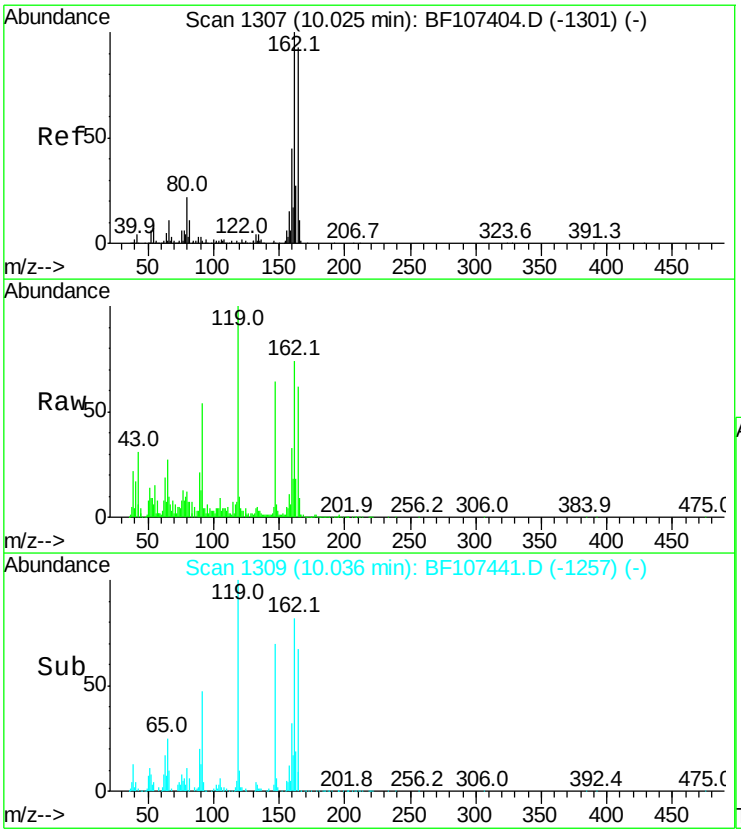
#32
Benzoic acid
Concen: 10.387 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.02 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tgt Ion:122 Resp: 55037

Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.1	141.1
77	124.7	70.7	110.7#

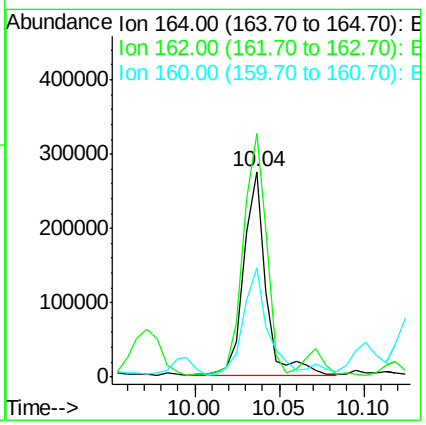


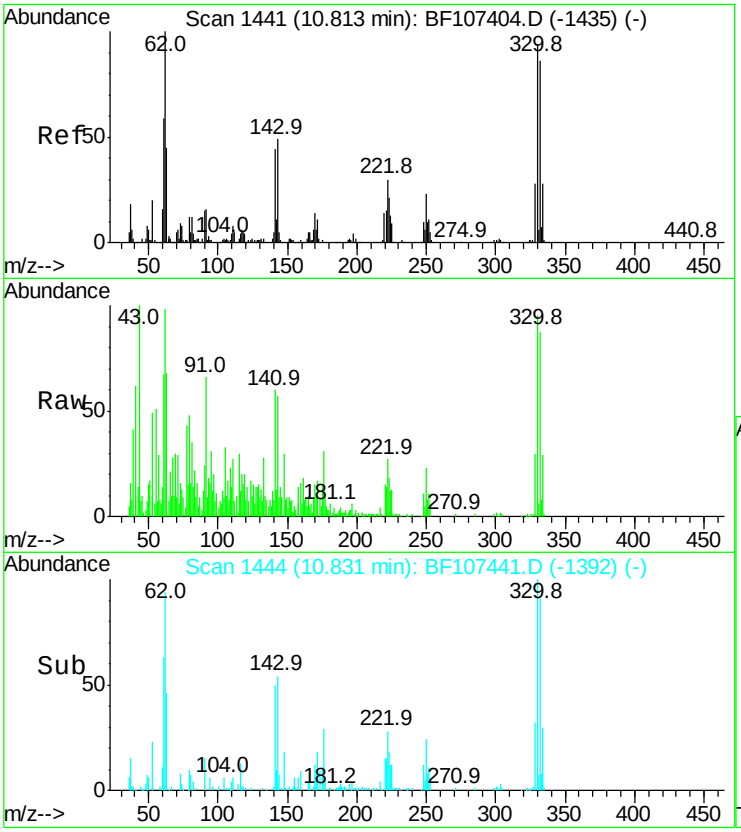


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:164 Resp: 250405

Ion	Ratio	Lower	Upper
164	100		
162	118.6	86.1	129.1
160	53.5	38.3	57.5



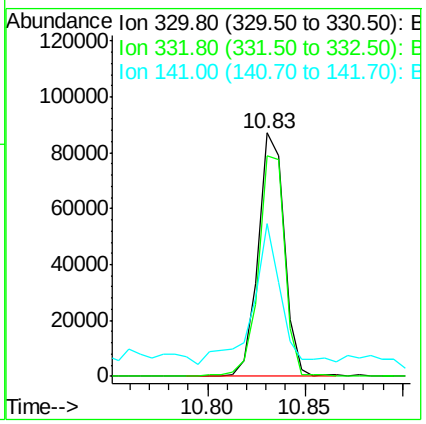


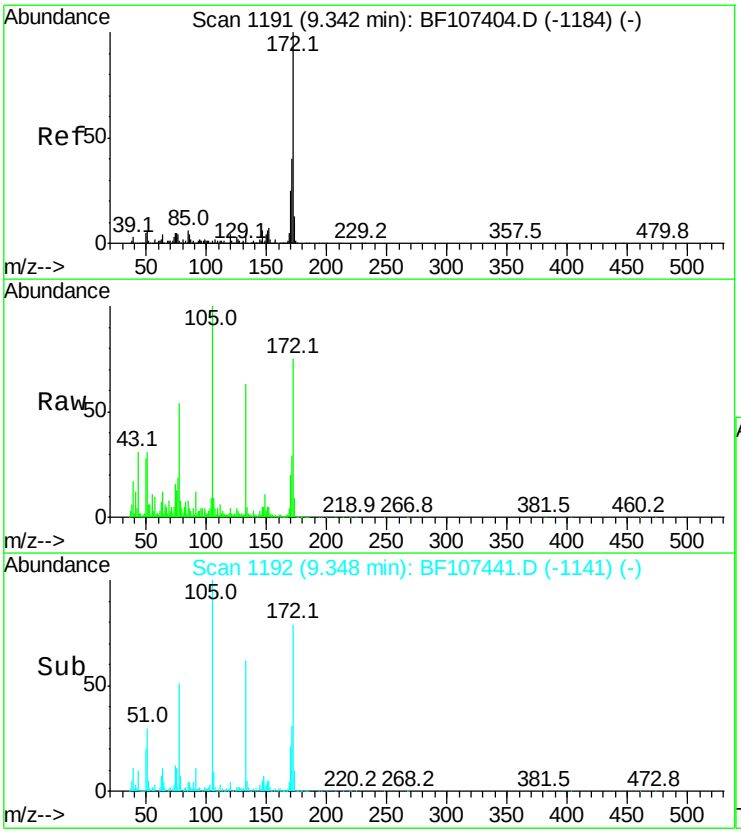
#41
2,4,6-Tribromophenol
Concen: 36.796 ng
RT: 10.83 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tgt Ion:330 Resp: 80955

Ion	Ratio	Lower	Upper
330	100		
332	91.0	77.0	115.6
141	59.6	29.9	44.9#

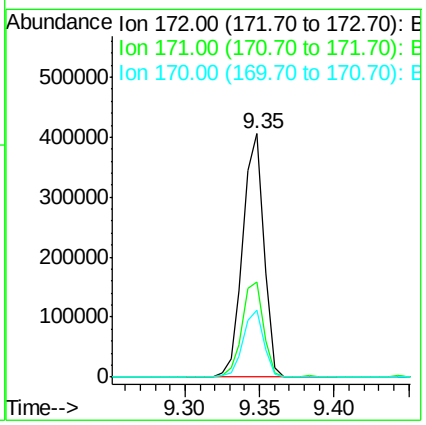


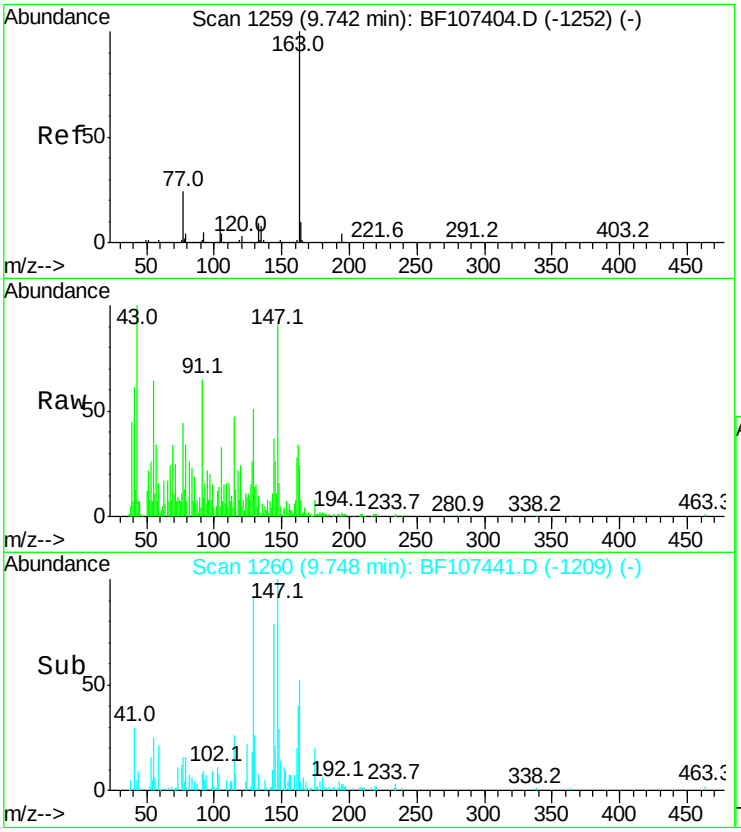


#44
2-Fluorobiphenyl
Concen: 17.893 ng
RT: 9.35 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:172 Resp: 397243

Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.7	44.5
170	27.3	19.6	29.4



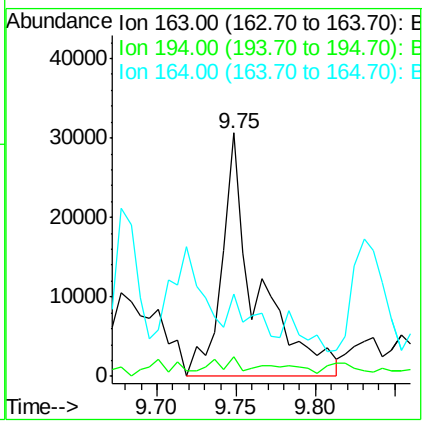


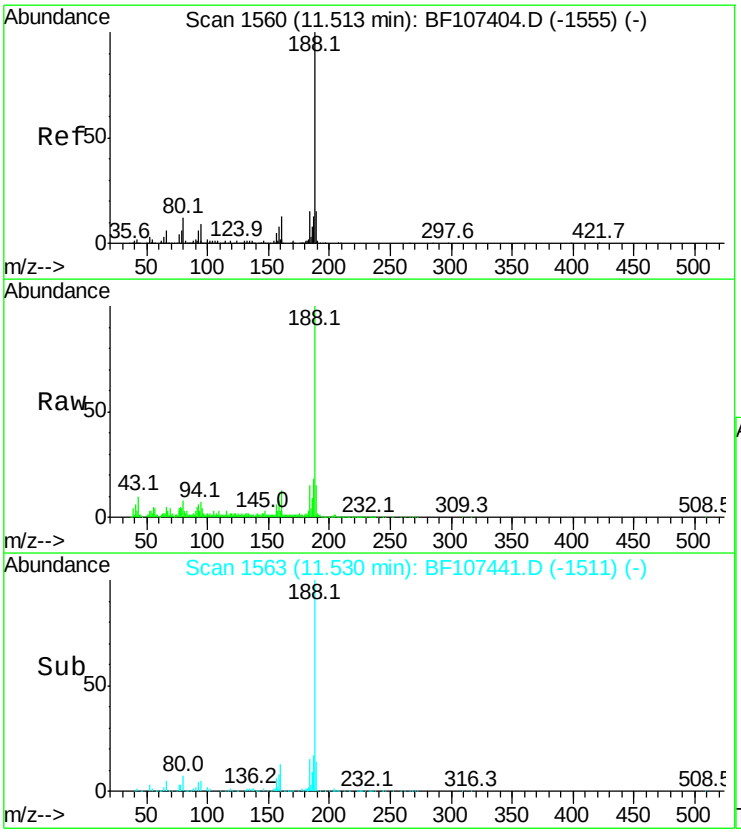
#49
Dimethylphthalate
Concen: 2.336 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tgt Ion:163 Resp: 46484

Ion	Ratio	Lower	Upper
163	100		
194	7.8	2.7	4.1#
164	33.7	8.2	12.2#

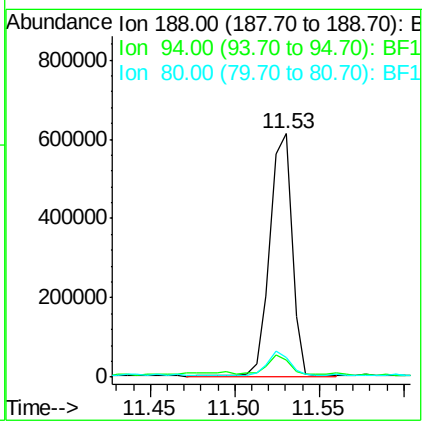


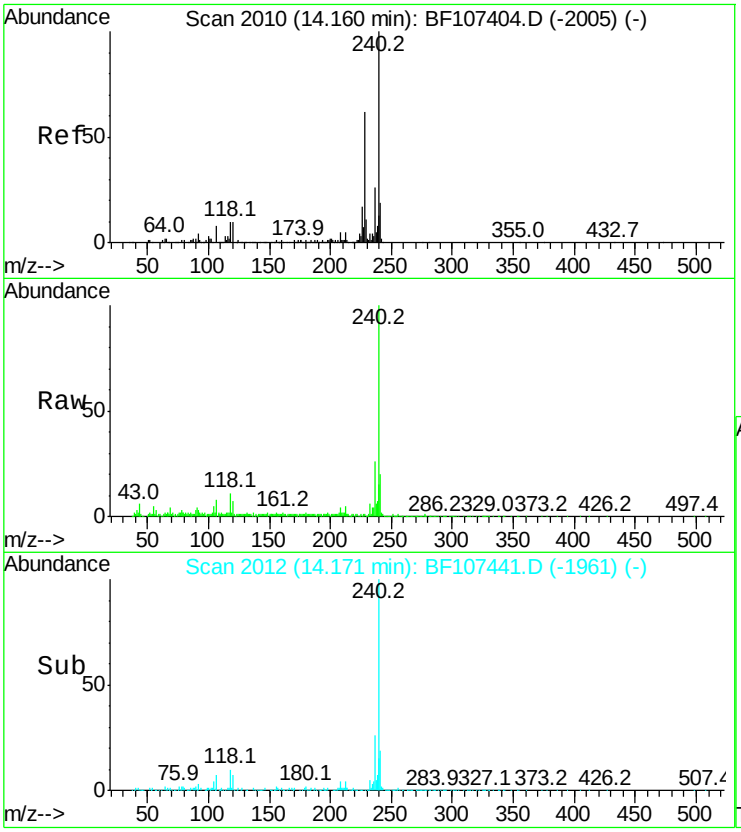


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:188 Resp: 556142

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.5	12.7#
80	8.3	9.2	13.8#



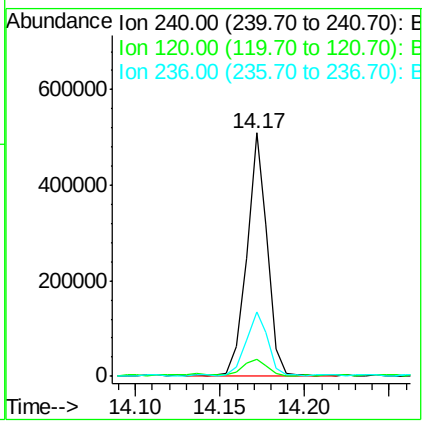


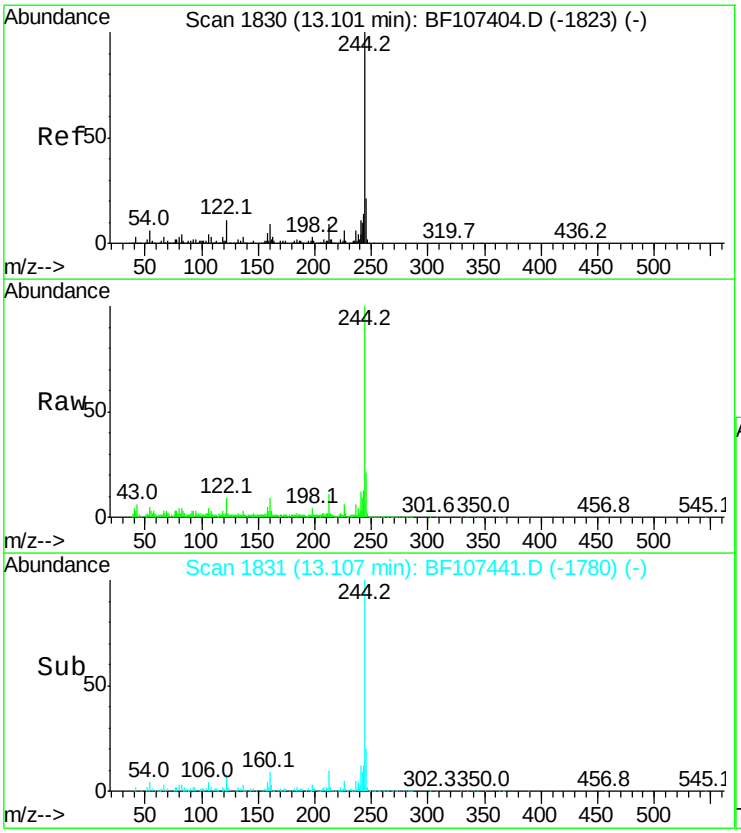
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tgt Ion:240 Resp: 427640

Ion	Ratio	Lower	Upper
240	100		
120	6.9	9.5	14.3#
236	26.3	20.7	31.1

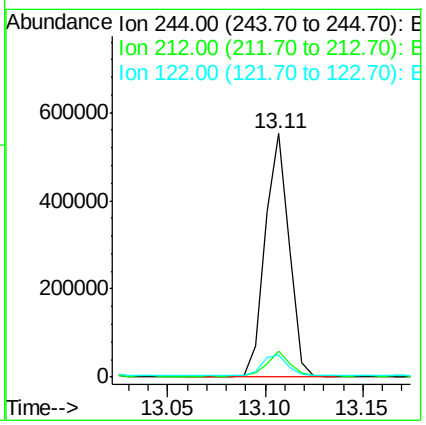


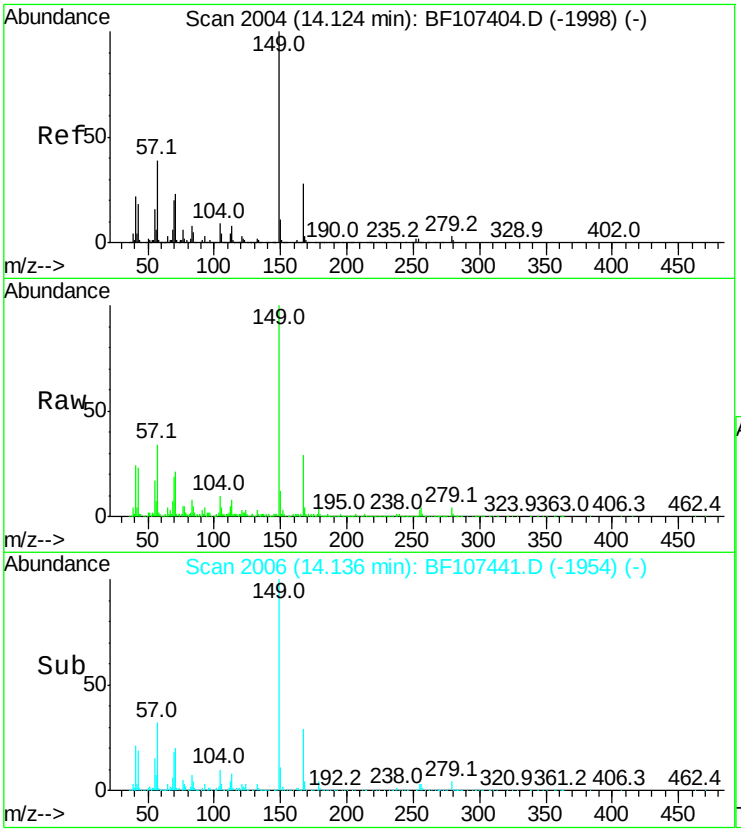


#78
Terphenyl-d14
Concen: 27.195 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:244 Resp: 468076

Ion	Ratio	Lower	Upper
244	100		
212	10.6	5.4	8.0#
122	8.8	11.0	16.4#



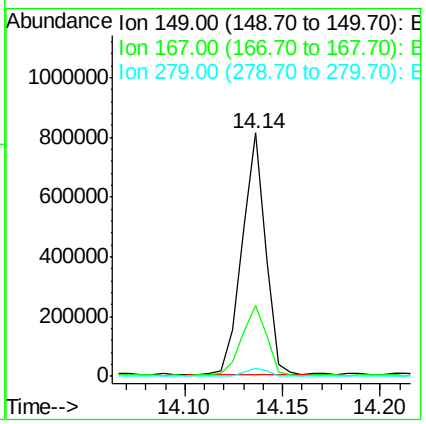


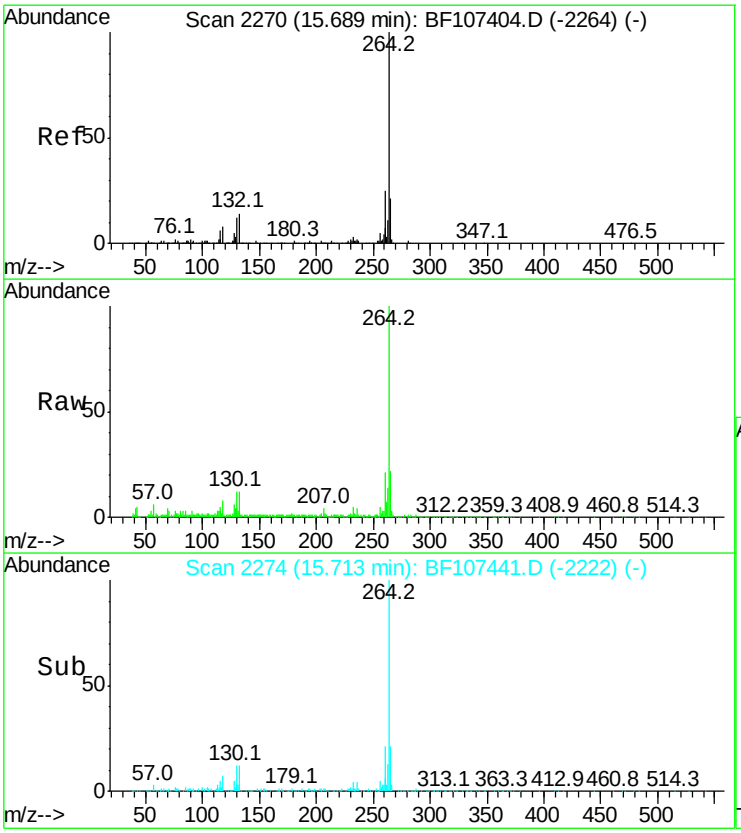
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.165 ng
RT: 14.14 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Instrument :
BNA_F
ClientSampleId :
DRUM-1DL

Tgt Ion:149 Resp: 670396

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.3	31.9
279	3.5	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF107441.D
Acq: 17 Jul 2018 11:33

Tgt Ion:264 Resp: 407772

Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.2	28.8
265	21.7	17.5	26.3