Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107189.D
Acq On : 6 Jul 2018 22:33
Operator : JU/SJ
Sample : J3887-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-S

Quant Time: Jul 07 00:18:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	52318	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	184748	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	73512	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	124405	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	153256	20.00	ng		-0.04
86) Perylene-d12	15.67	264	120516	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	319628	103.45	ng		-0.01
7) Phenol-d6	6.60	99	390017	101.08	ng		-0.02
23) Nitrobenzene-d5	7.51	82	238257	71.67	ng		-0.02
41) 2,4,6-Tribromophenol	10.78	330	82331	96.63	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	399887	93.56	ng		-0.02
78) Terphenyl-d14	13.06	244	438830	69.36	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	6742	2.084	ng		86
10) Phenol	6.61	94	41671	9.463	ng		99
17) 2-Methylphenol	7.22	107	7159	2.469	ng	#	95
19) n-Nitroso-di-n-propylamine	7.51	70	30161	11.859	ng	#	72
20) 3+4-Methylphenols	7.38	107	20782	4.723	ng		84
25) Isophorone	7.51	82	238254	40.671	ng	#	64
32) Benzoic acid	8.04	122	3385	7.386	ng	#	18
49) Dimethylphthalate	9.70	163	60543	10.981	ng		99
56) 2,4-Dinitrotoluene	9.98	165	9539	6.260	ng	#	21
66) 4-Bromophenyl-phenylether	10.78	248	5141	3.463	ng	#	1

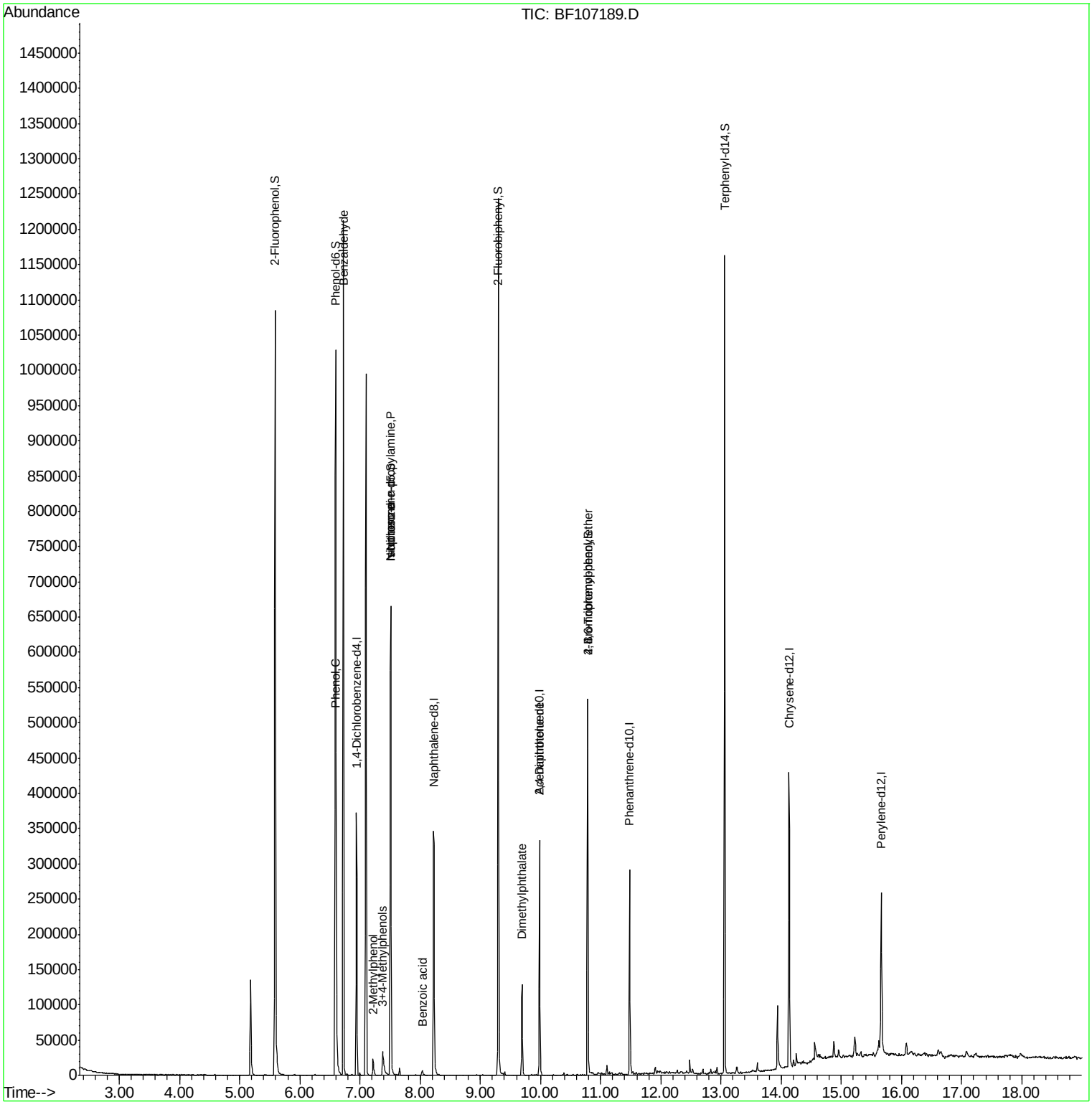
(#) = qualifier out of range (m) = manual integration (+) = signals summed

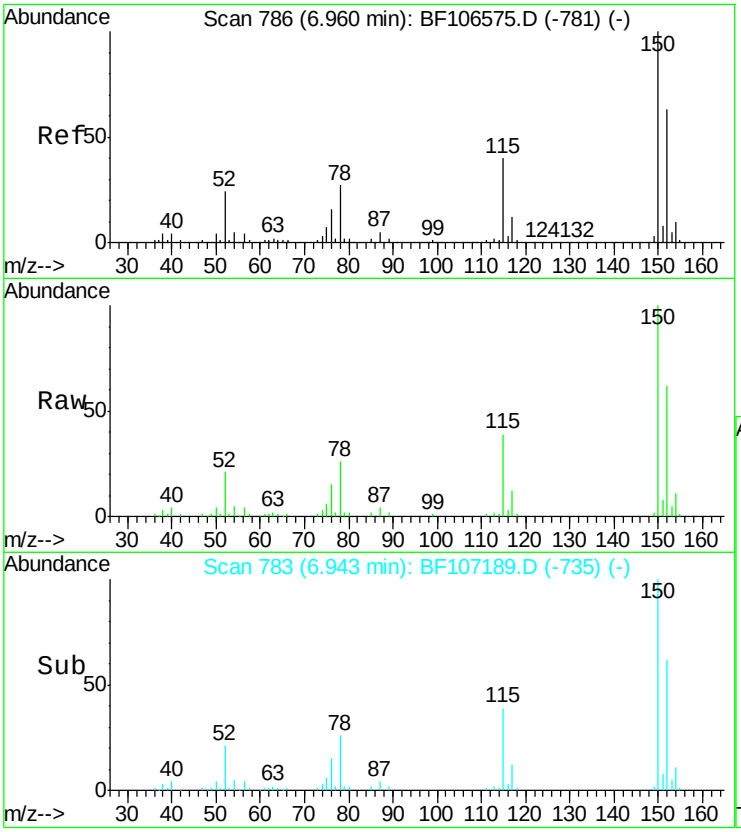
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107189.D
Acq On : 6 Jul 2018 22:33
Operator : JU/SJ
Sample : J3887-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8-S

Quant Time: Jul 07 00:18:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration



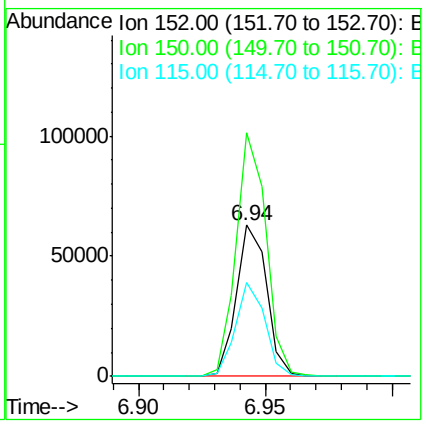


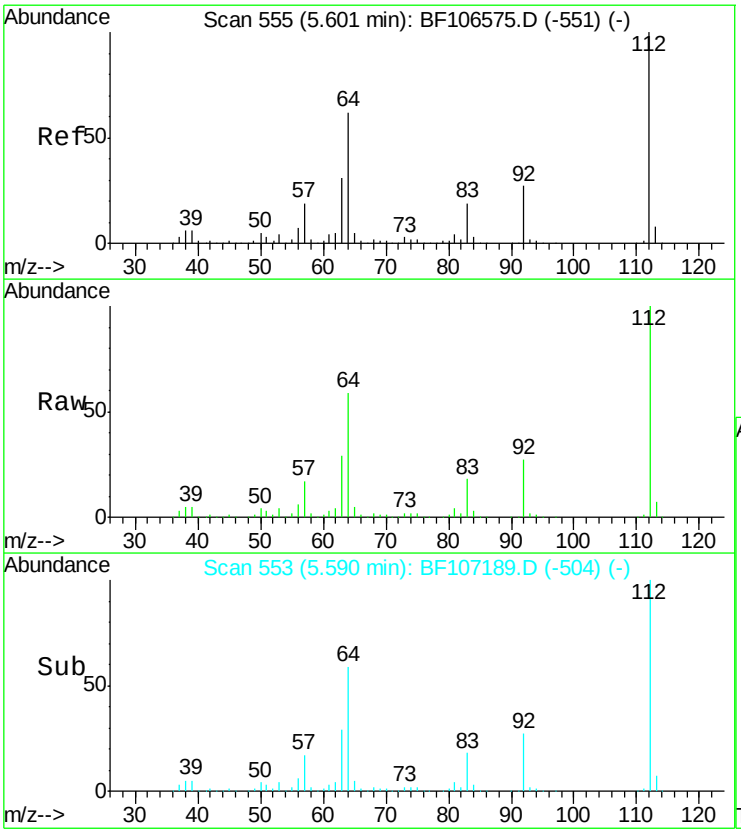
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion:152 Resp: 52318

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	62.3	50.1	75.1

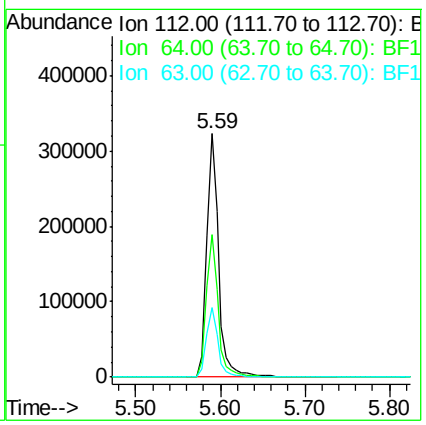


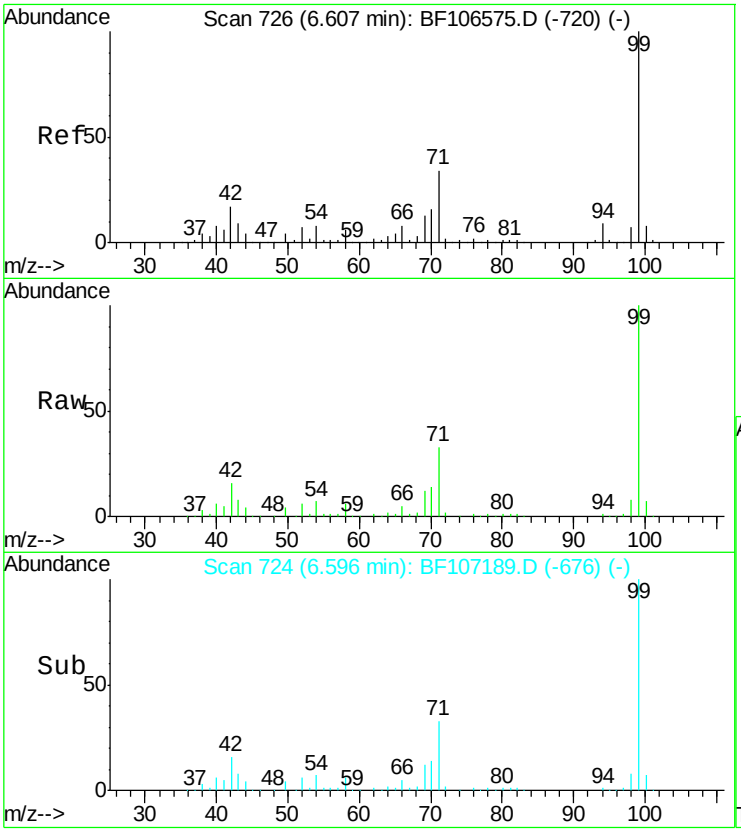


#5
2-Fluorophenol
Concen: 103.450 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:112 Resp: 319628

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	28.5	23.7	35.5



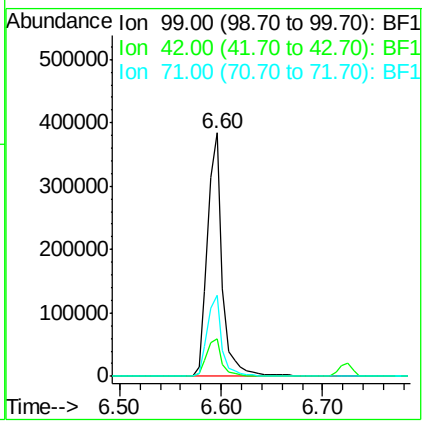


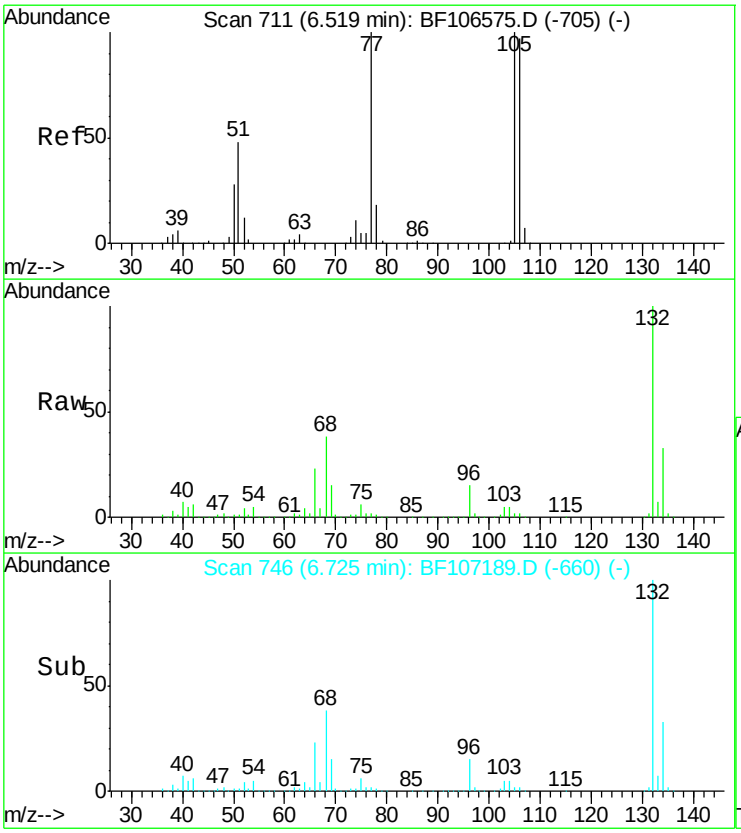
#7
Phenol-d6
Concen: 101.083 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion: 99 Resp: 390017

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	33.1	25.4	38.0

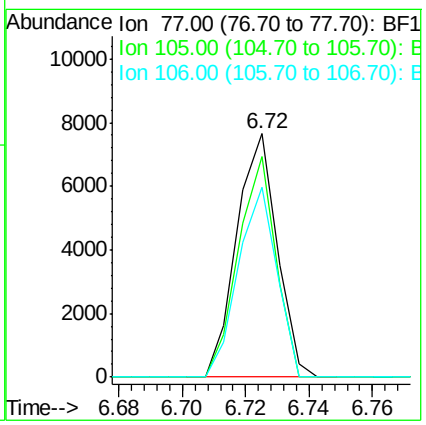


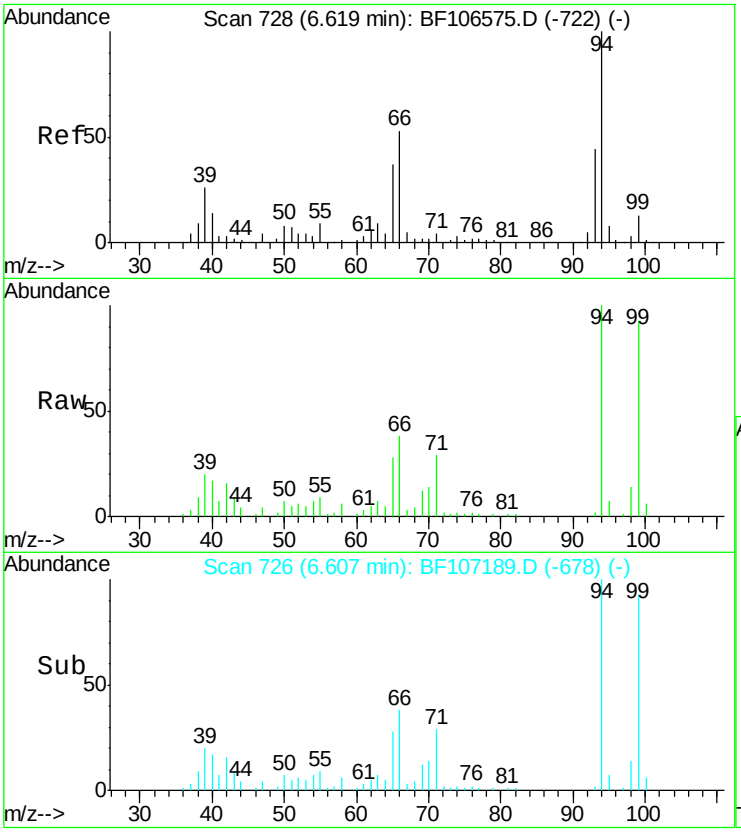


#9
Benzaldehyde
Concen: 2.084 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.21 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion: 77 Resp: 6742

Ion	Ratio	Lower	Upper
77	100		
105	90.4	81.1	121.1
106	78.1	74.5	114.5



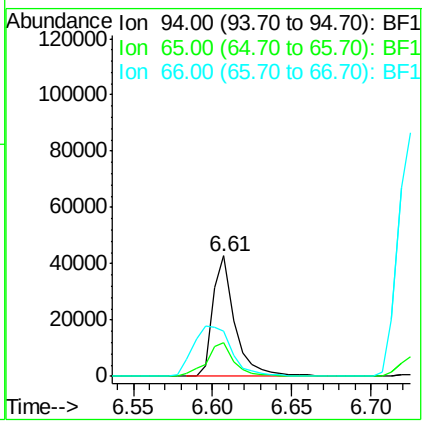


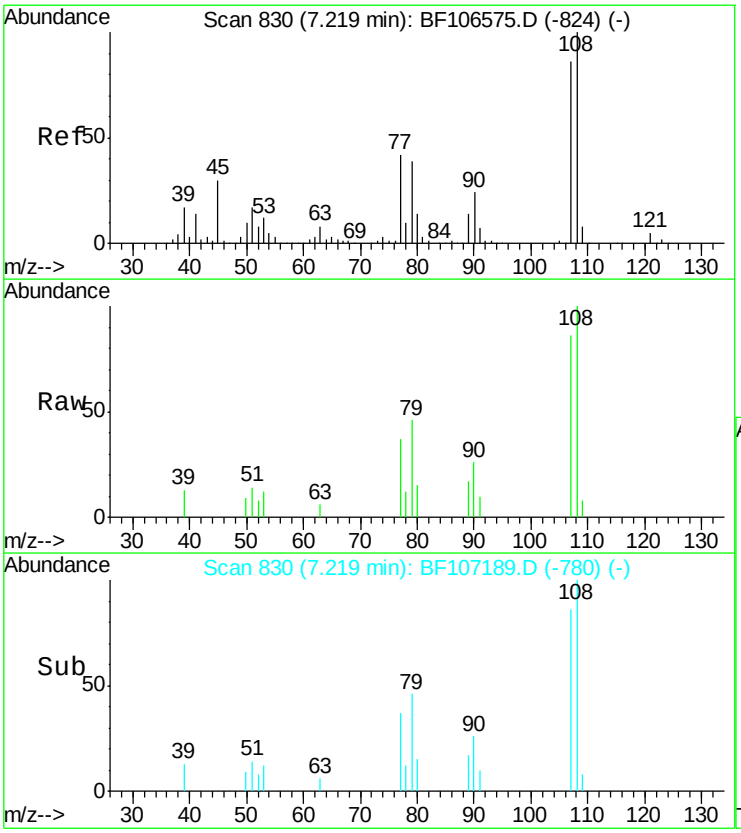
#10
Phenol
Concen: 9.463 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion: 94 Resp: 41671

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	37.5	16.2	56.2

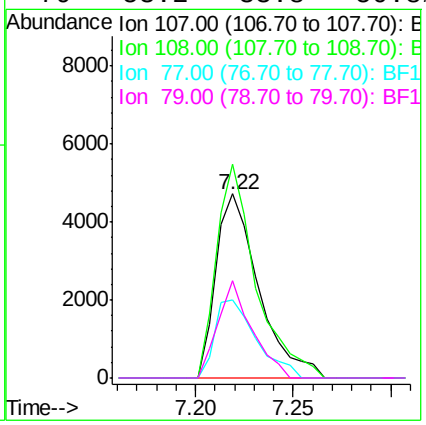


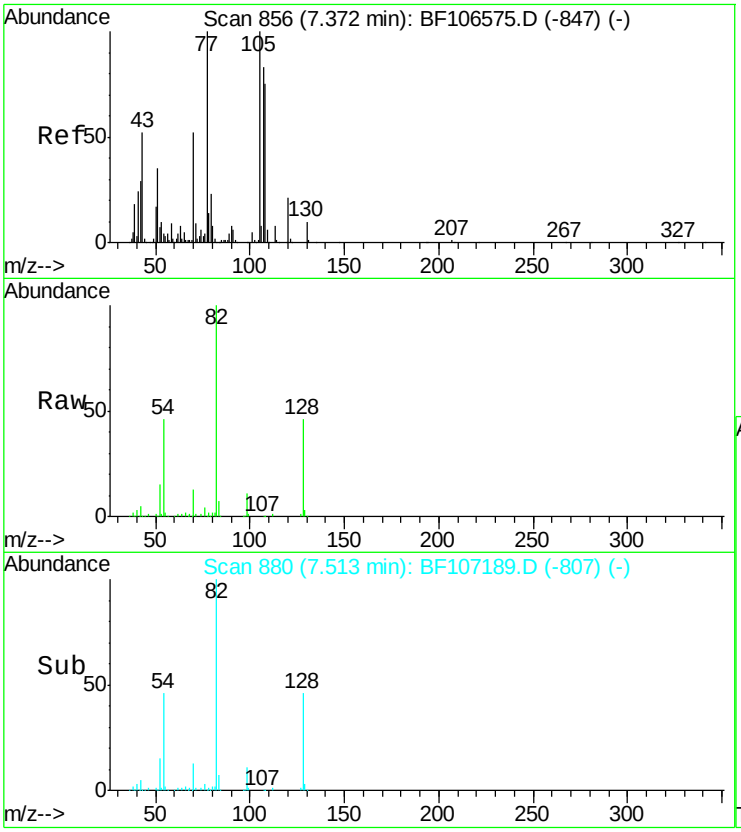


#17
2-Methylphenol
Concen: 2.469 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:107 Resp: 7159

Ion	Ratio	Lower	Upper
107	100		
108	116.1	91.7	137.5
77	42.5	33.8	50.8
79	53.2	33.8	50.8#



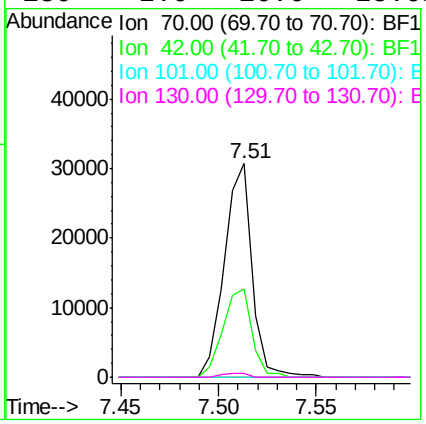


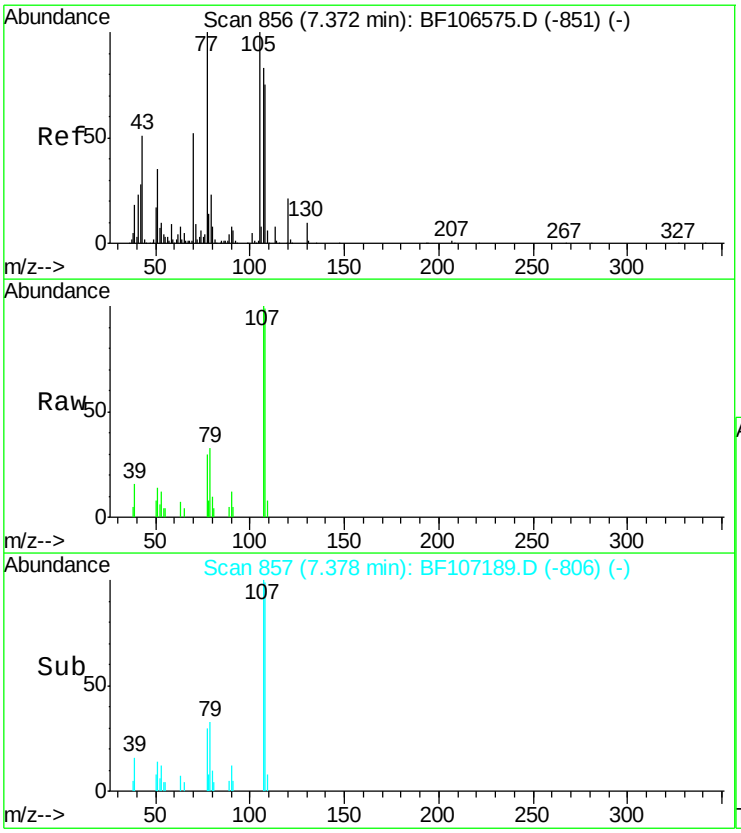
#19
n-Nitroso-di-n-propylamine
Concen: 11.859 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion: 70 Resp: 30161

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

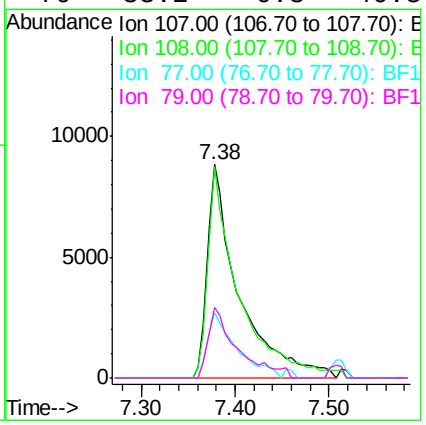


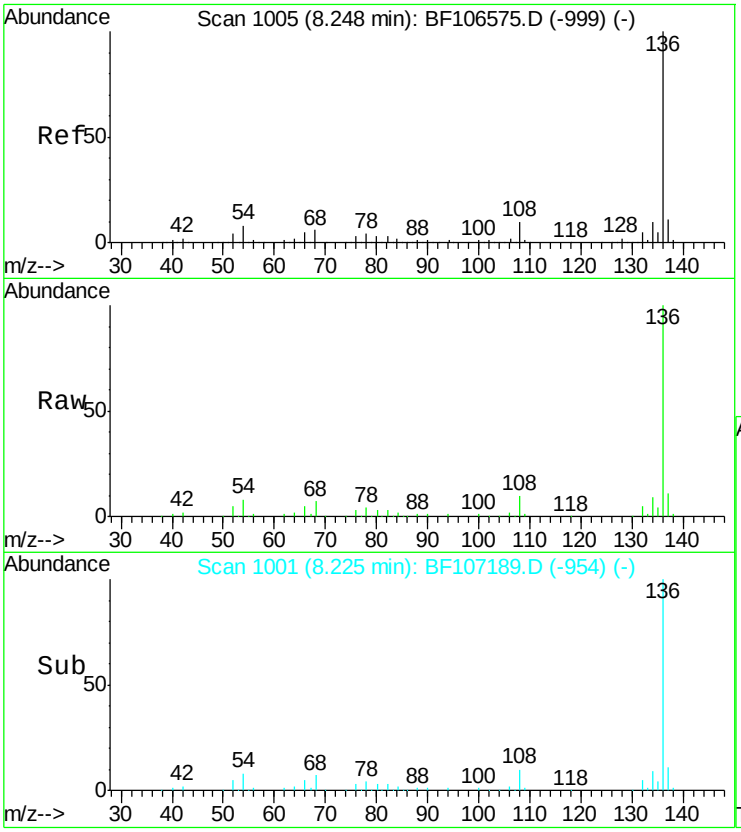


#20
3+4-Methylphenols
Concen: 4.723 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:107 Resp: 20782

Ion	Ratio	Lower	Upper
107	100		
108	99.2	68.2	108.2
77	30.4	26.7	66.7
79	33.2	6.3	46.3



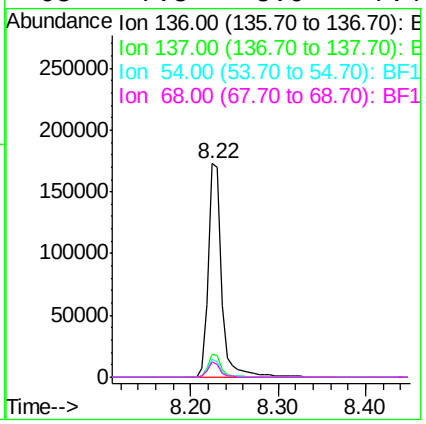


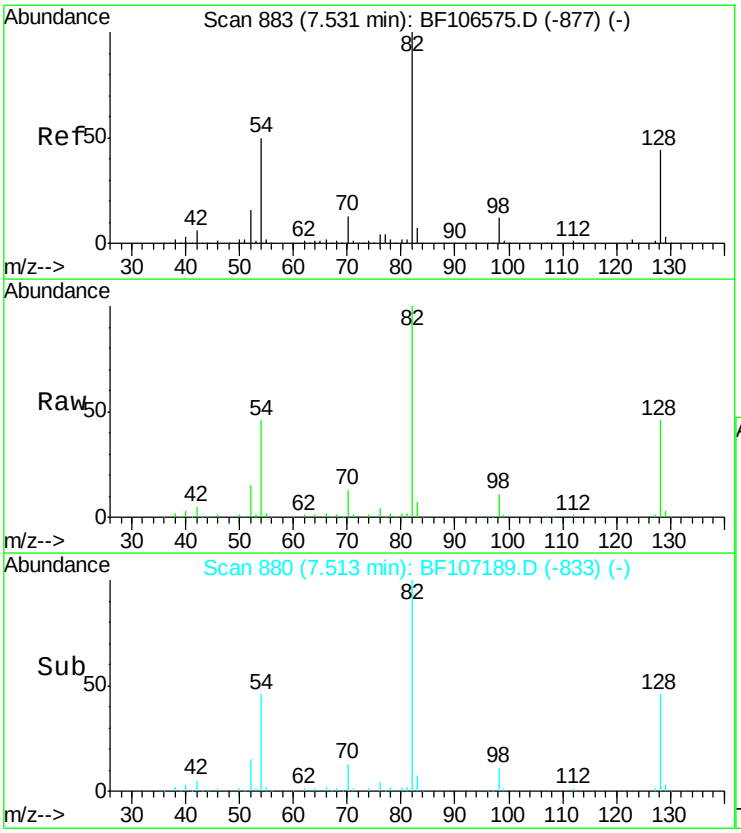
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion:136 Resp: 184748

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	7.3	5.0	7.4

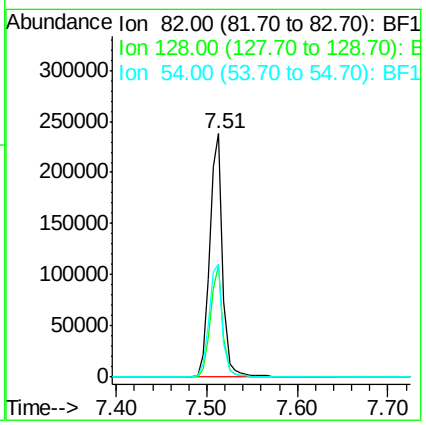


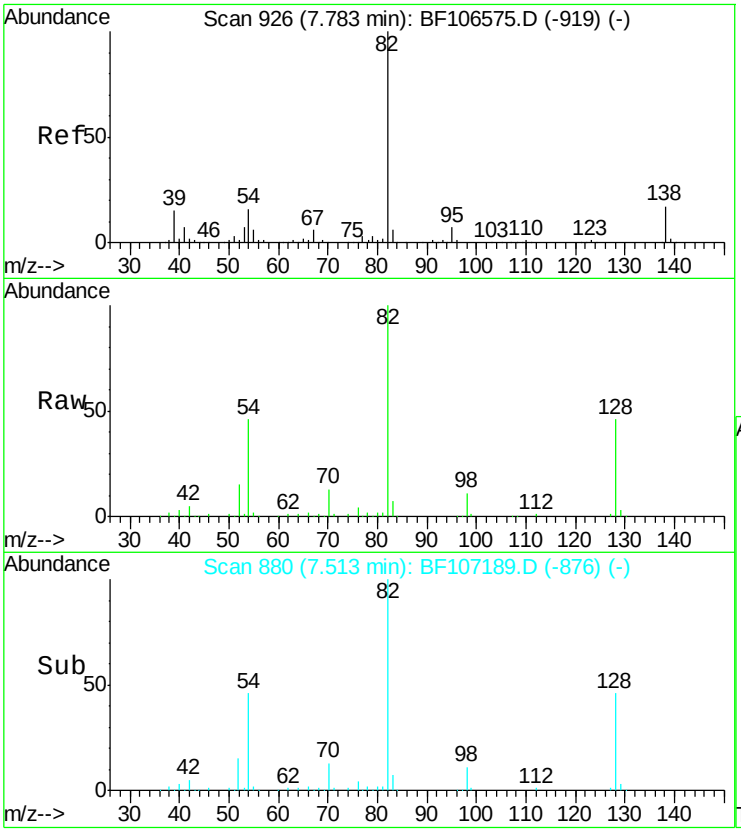


#23
Nitrobenzene-d5
Concen: 71.669 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion: 82 Resp: 238257

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	46.3	41.4	62.2



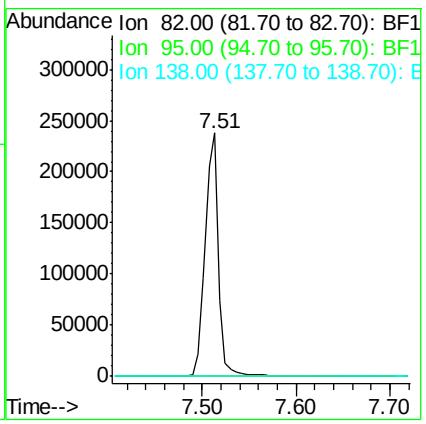


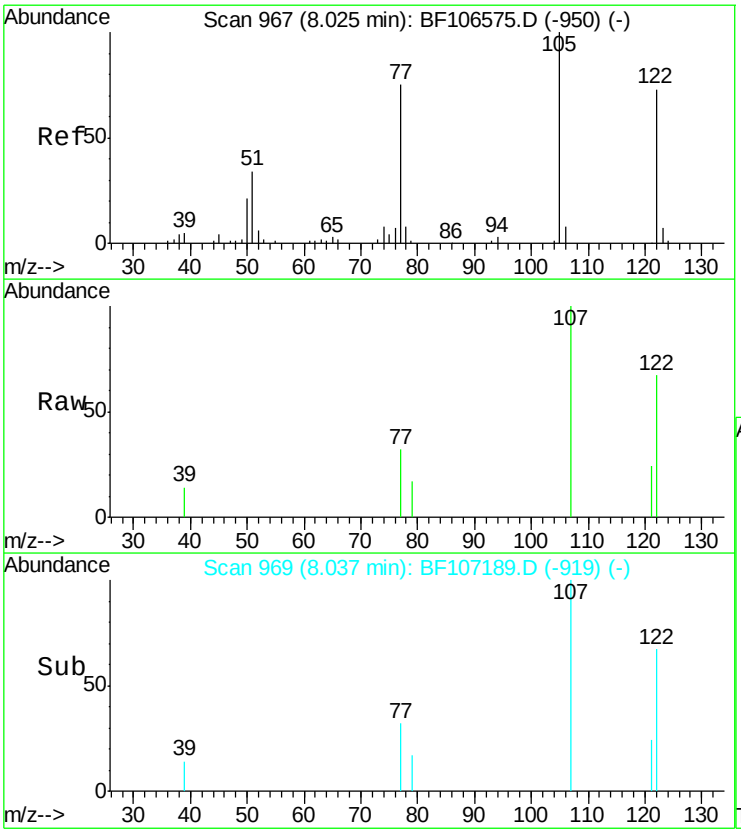
#25
Isophorone
Concen: 40.671 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion: 82 Resp: 238254

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

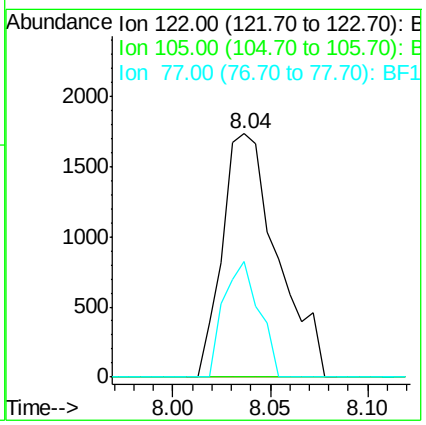


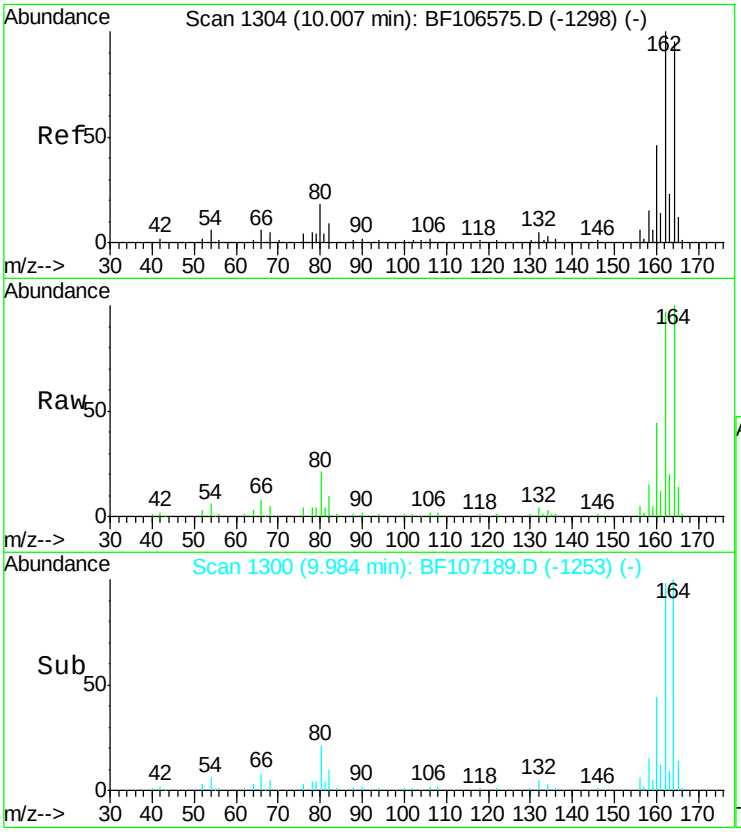


#32
Benzoic acid
Concen: 7.386 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:122 Resp: 3385

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	47.3	70.7	110.7#



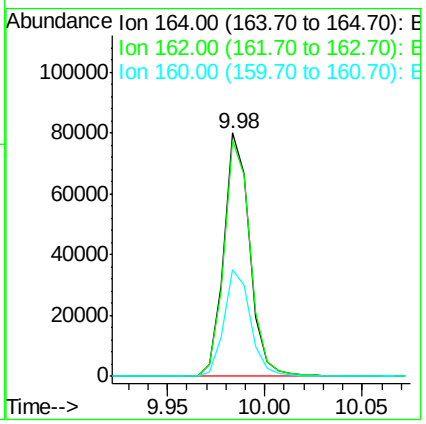


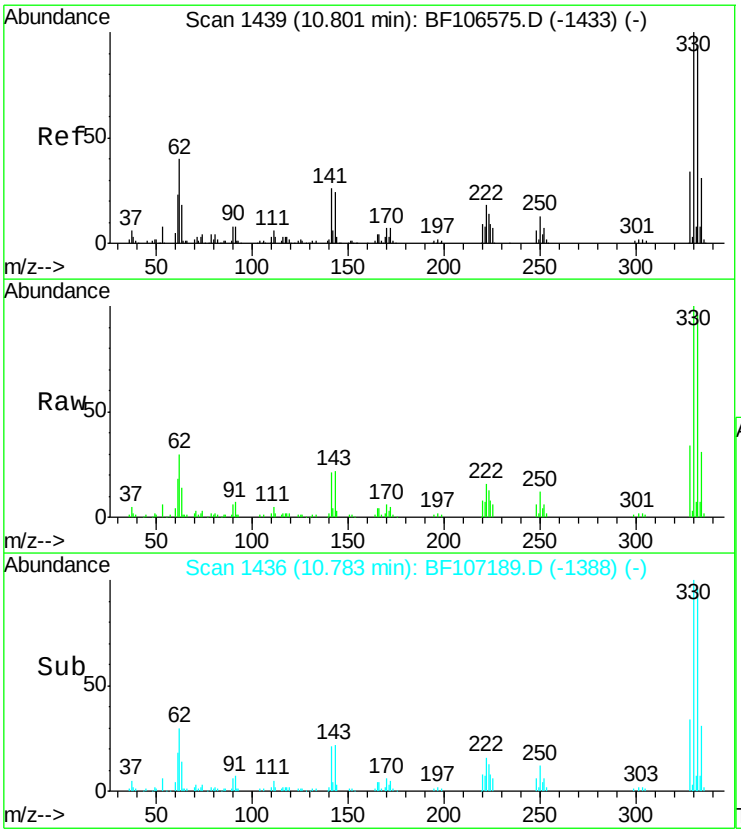
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion:164 Resp: 73512

Ion	Ratio	Lower	Upper
164	100		
162	97.1	86.1	129.1
160	43.7	38.3	57.5

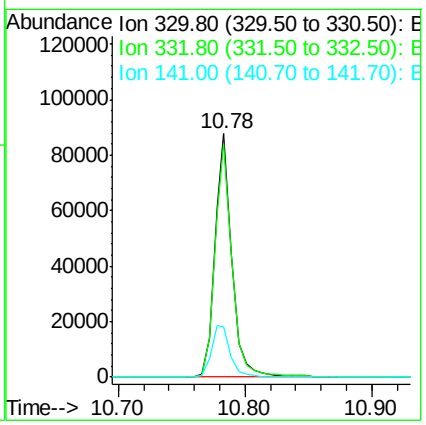


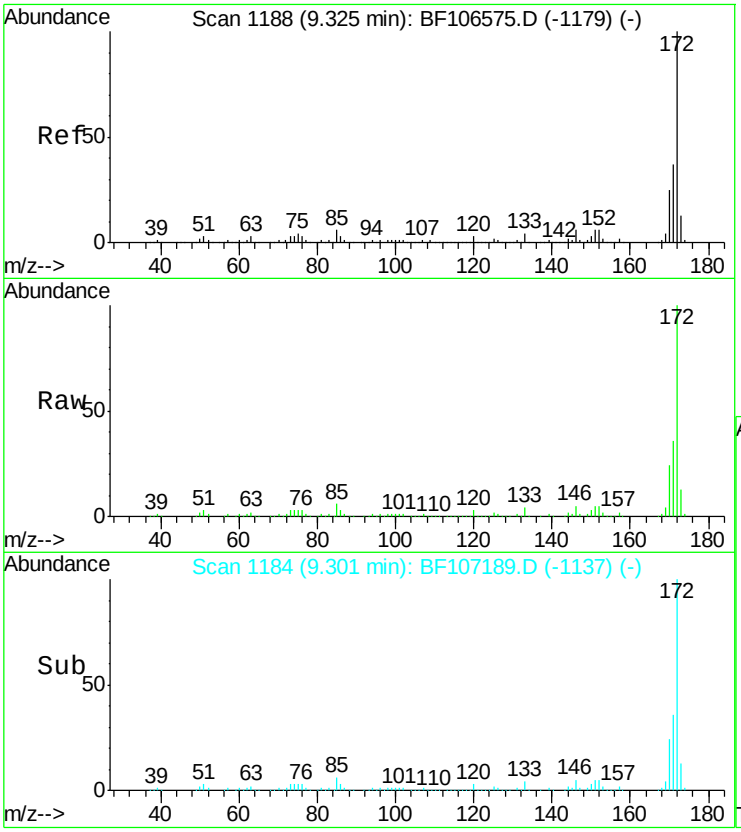


#41
2,4,6-Tribromophenol
Concen: 96.630 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:330 Resp: 82331

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	23.7	29.9	44.9#



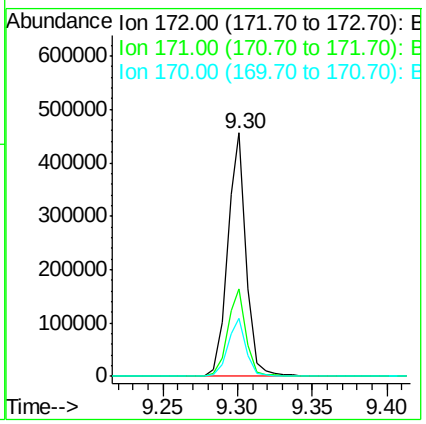


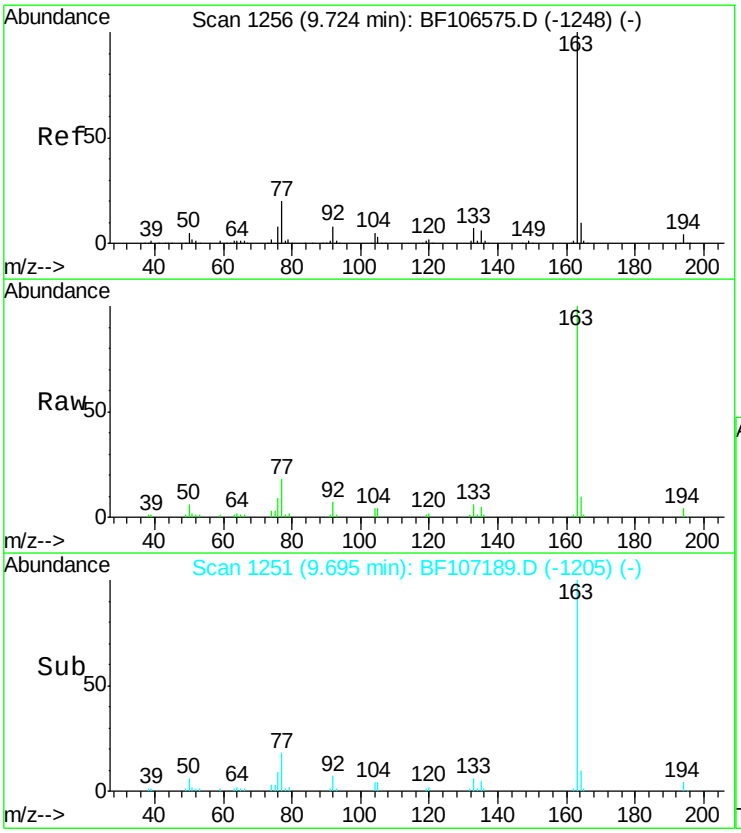
#44
2-Fluorobiphenyl
Concen: 93.560 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion:172 Resp: 399887

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

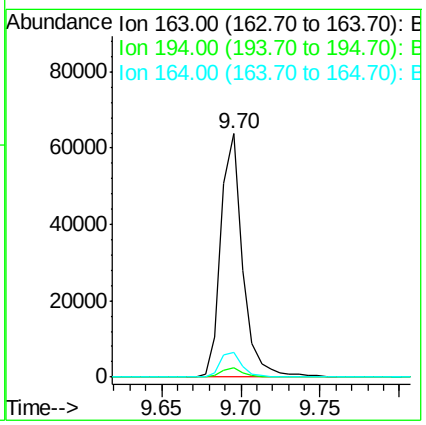


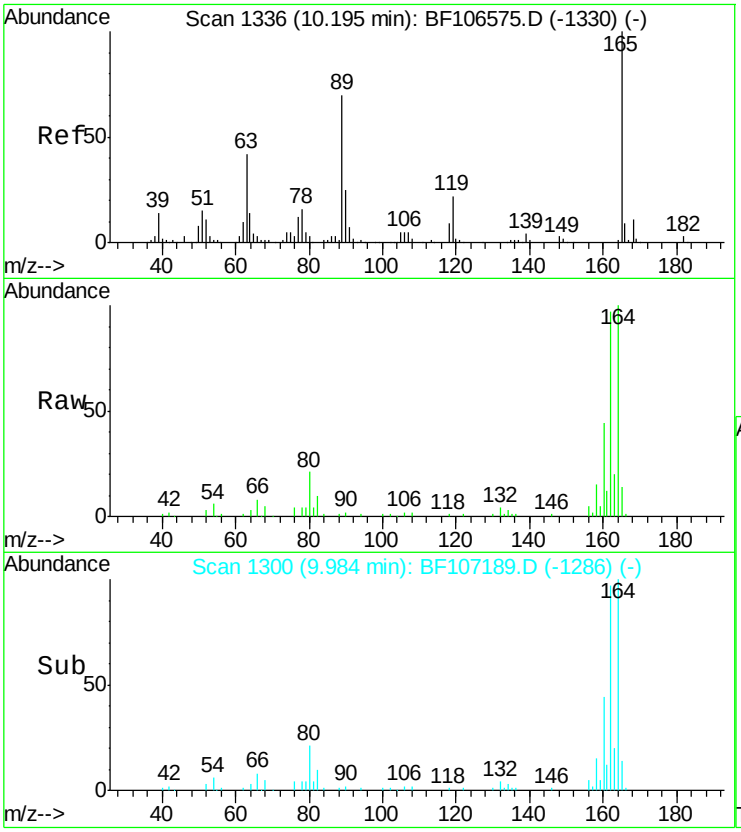


#49
Dimethylphthalate
Concen: 10.981 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:163 Resp: 60543

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2



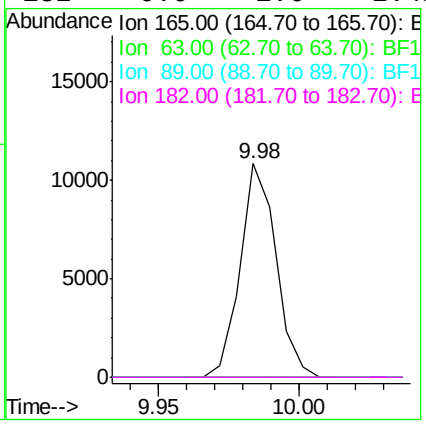


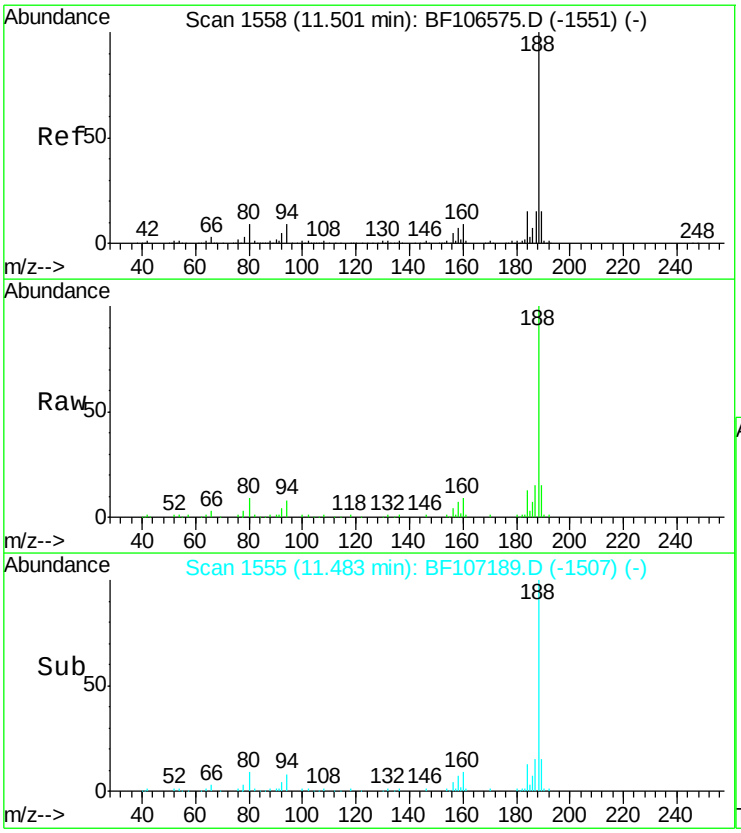
#56
2,4-Dinitrotoluene
Concen: 6.260 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion:165 Resp: 9539

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

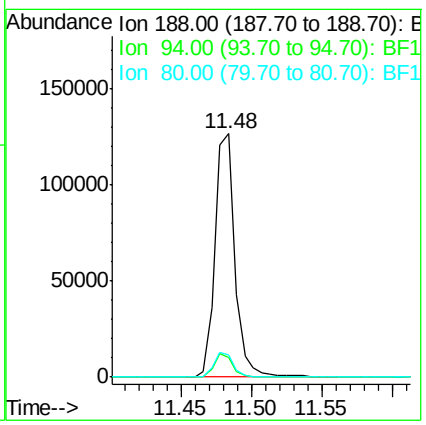


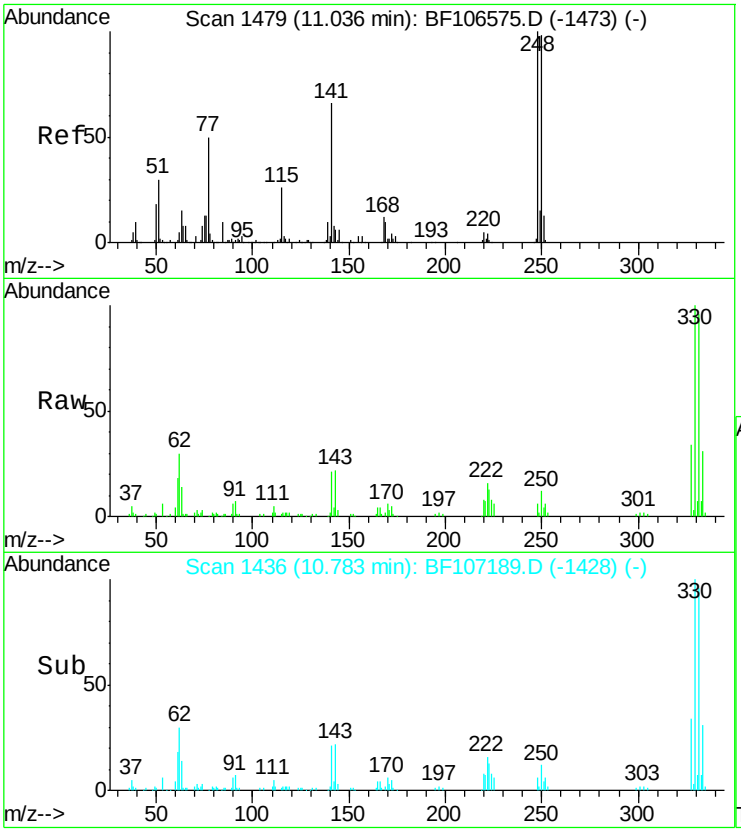


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:188 Resp: 124405

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.2	9.2	13.8



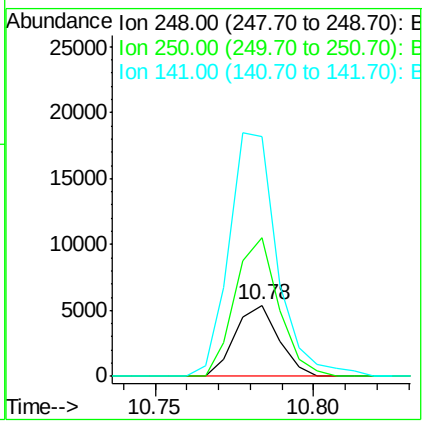


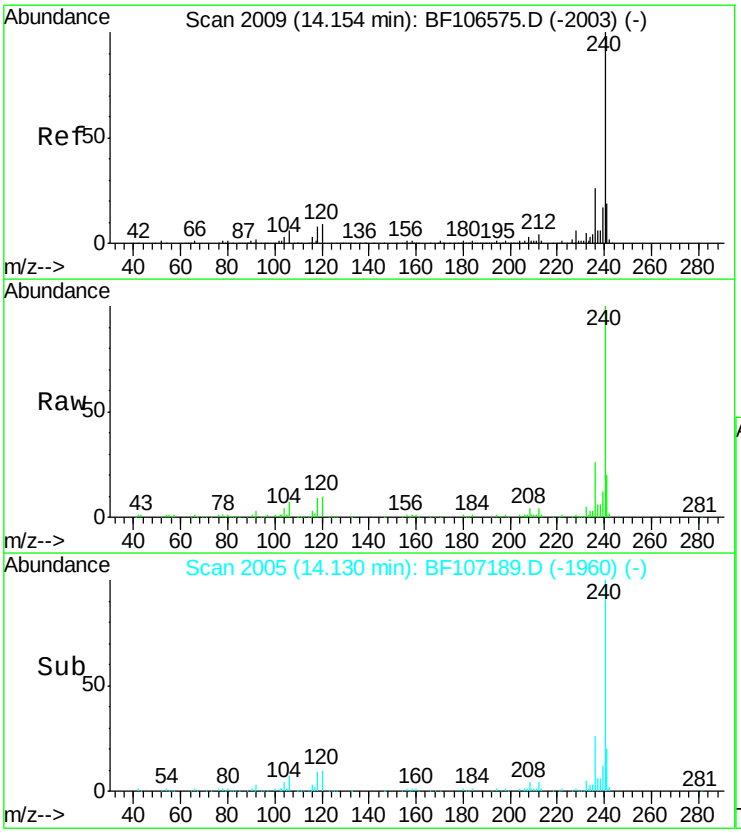
#66
4-Bromophenyl-phenylether
Concen: 3.463 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion:248 Resp: 5141

Ion	Ratio	Lower	Upper
248	100		
250	195.1	76.9	115.3#
141	338.3	74.4	111.6#

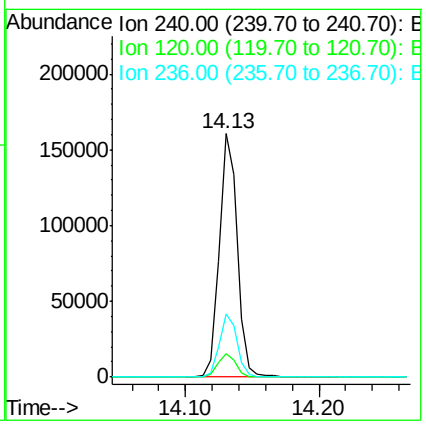


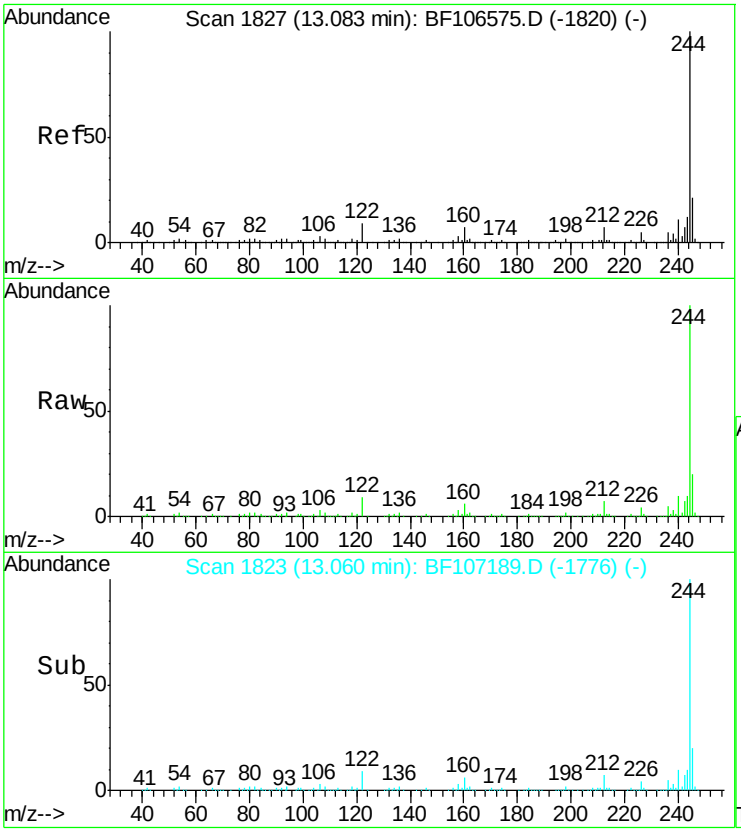


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:240 Resp: 153256

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.1	20.7	31.1



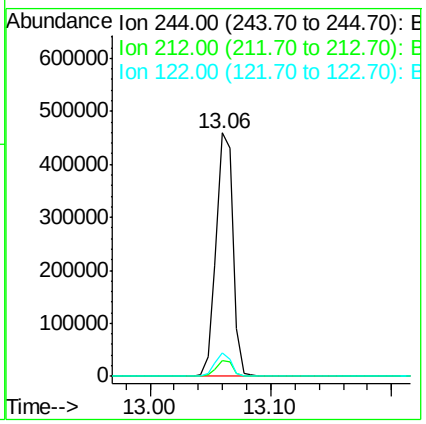


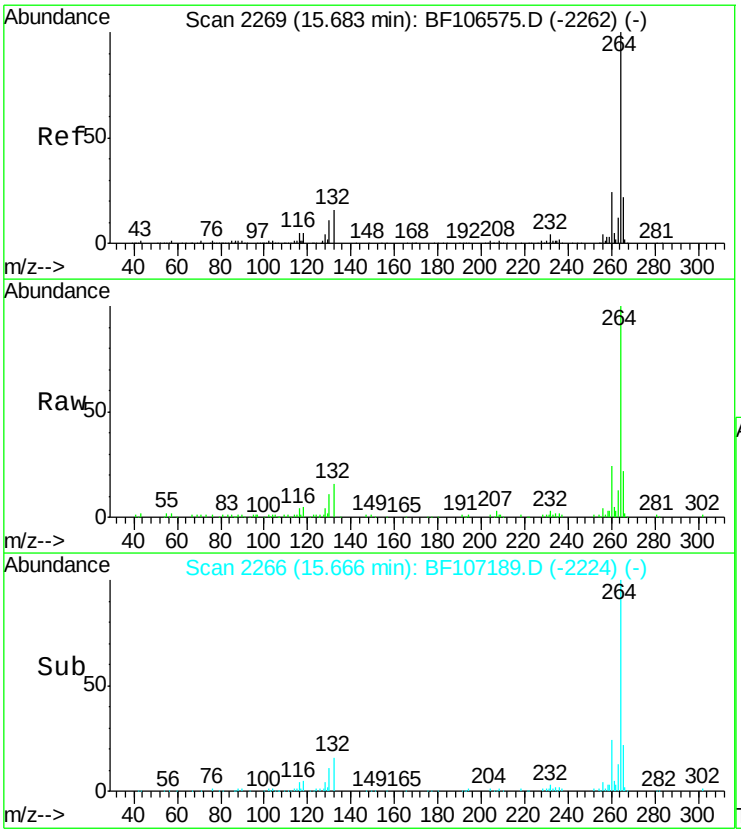
#78
Terphenyl-d14
Concen: 69.360 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :
TP-8-S

Tgt Ion:244 Resp: 438830

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.05 min
Lab File: BF107189.D
Acq: 6 Jul 2018 22:33

Tgt Ion:264 Resp: 120516

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.3	17.5	26.3