Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106797.D
Acq On : 26 Jun 2018 2:44
Operator : JU/SJ
Sample : J3534-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 26 05:23:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	50762	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	162602	20.00	ng	0.02
38) Acenaphthene-d10	10.01	164	75663	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	138504	20.00	ng	0.00
75) Chrysene-d12	14.15	240	115104	20.00	ng	-0.01
86) Perylene-d12	15.69	264	82194	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	28075	9.37	ng	0.05
7) Phenol-d6	6.57	99	501348	133.92	ng	-0.04
23) Nitrobenzene-d5	7.58	82	273767	93.57	ng	0.04
41) 2,4,6-Tribromophenol	10.81	330	70237	80.09	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	466921	108.54	ng	0.00
78) Terphenyl-d14	13.09	244	506734	106.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.83	88	7319	4.749	ng	# 1
4) n-Nitrosodimethylamine	3.54	42	13607	7.665	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	7.04	45	20854	4.506	ng	86
19) n-Nitroso-di-n-propylamine	7.45	70	6659	2.698	ng	# 68
25) Isophorone	7.58	82	273767	53.098	ng	# 64
32) Benzoic acid	8.28	122	163782	96.700	ng	94
49) Dimethylphthalate	9.71	163	21812	3.844	ng	98
50) 2,6-Dinitrotoluene	9.98	165	3561	2.963	ng	# 45
53) 2,4-Dinitrophenol	10.04	184	354	5.882	ng	# 27
66) 4-Bromophenyl-phenylether	10.80	248	4201	2.541	ng	# 1

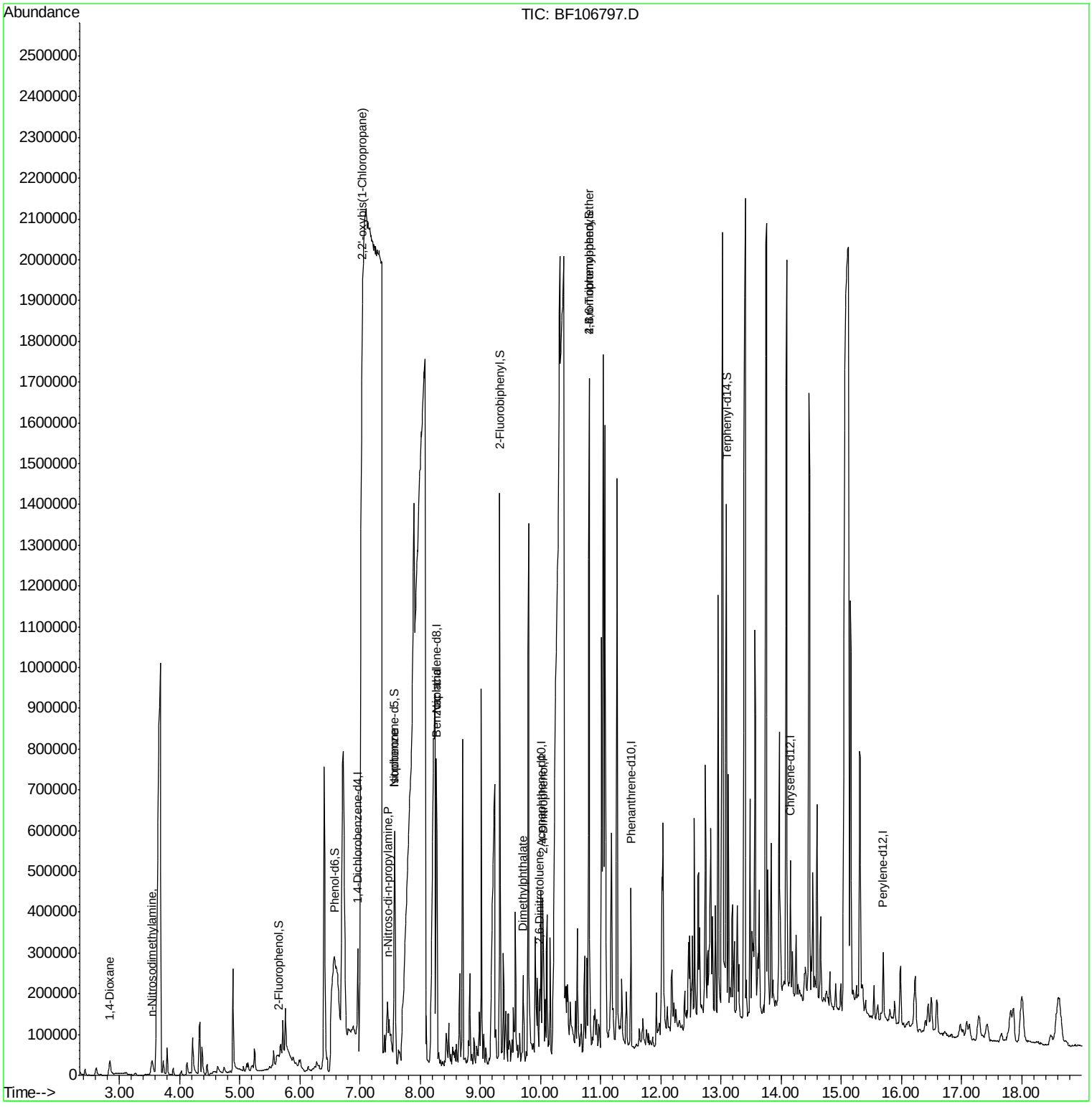
(#) = qualifier out of range (m) = manual integration (+) = signals summed

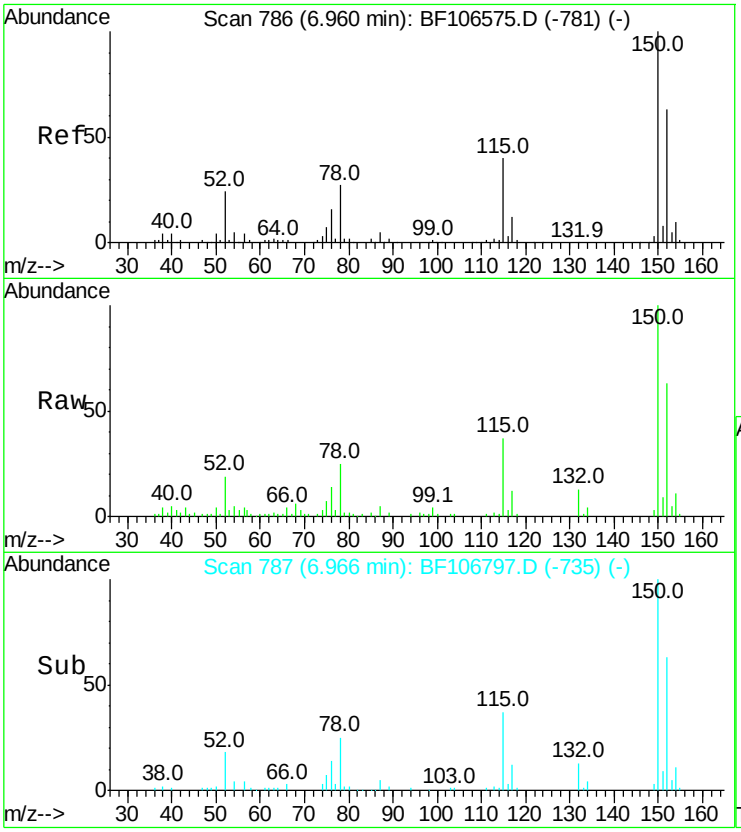
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106797.D
Acq On : 26 Jun 2018 2:44
Operator : JU/SJ
Sample : J3534-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 26 05:23:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration



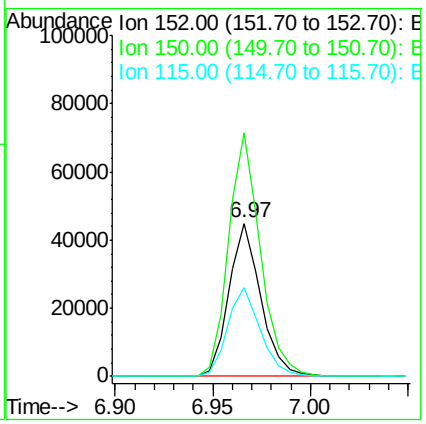


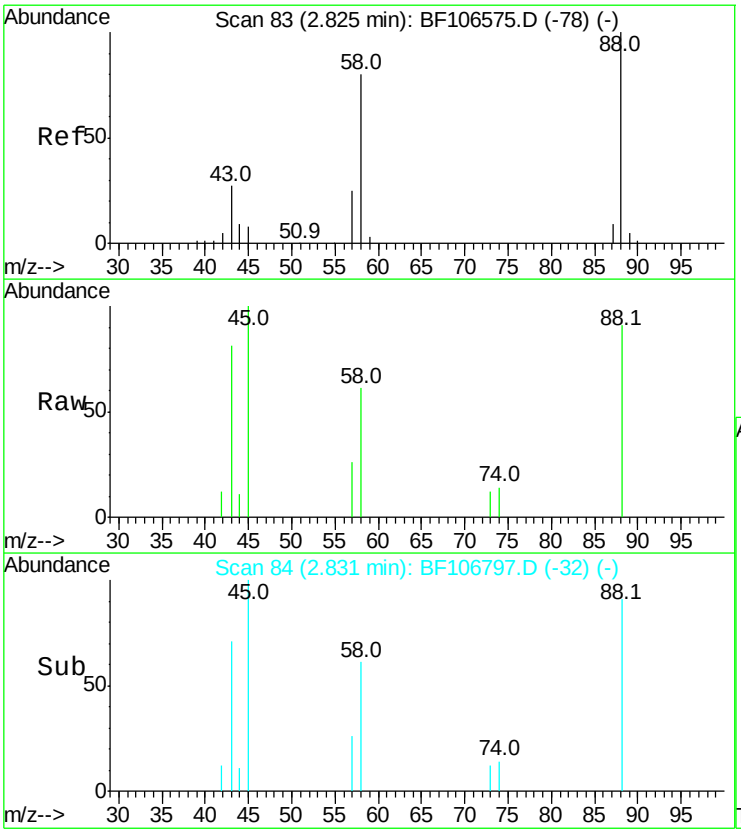
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 50762

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	58.1	50.1	75.1

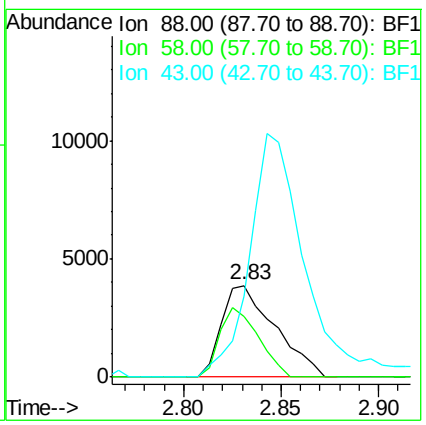


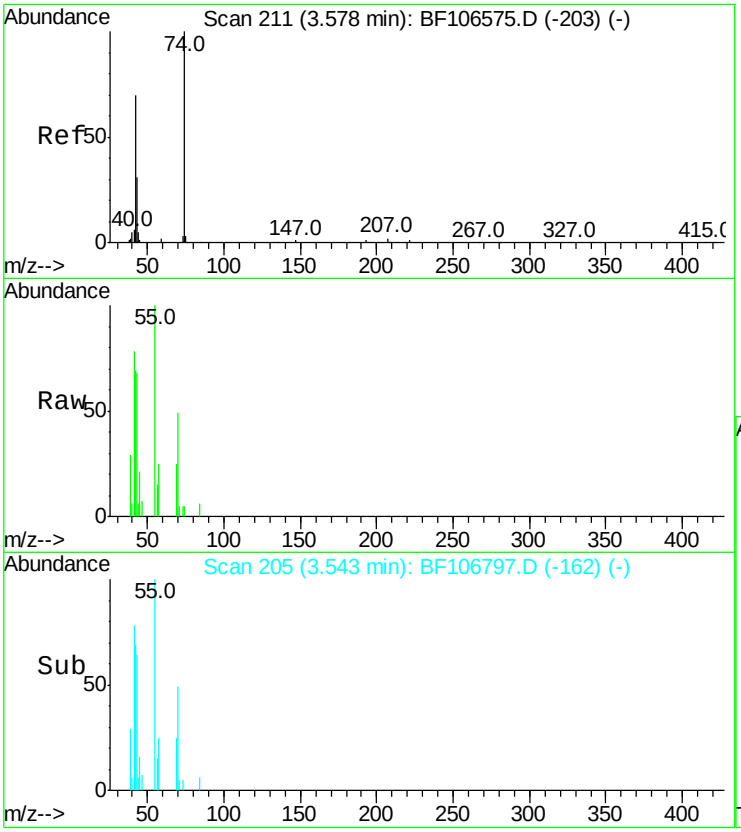


#2
1,4-Dioxane
Concen: 4.749 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion: 88 Resp: 7319

Ion	Ratio	Lower	Upper
88	100		
58	55.2	62.6	93.8#
43	282.0	24.6	37.0#



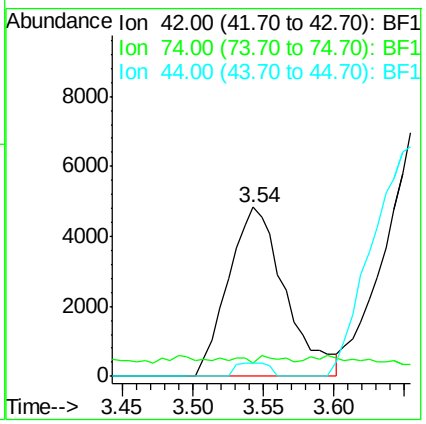


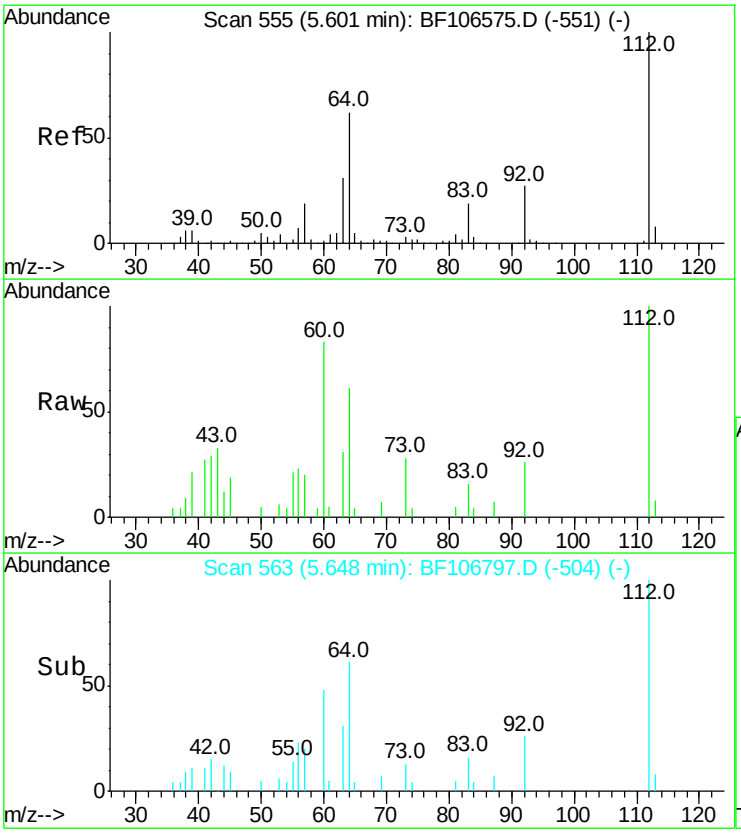
#4
n-Nitrosodimethylamine
Concen: 7.665 ng
RT: 3.54 min Scan# 205
Delta R.T. -0.05 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 13607

Ion	Ratio	Lower	Upper
42	100		
74	7.8	104.9	157.3#
44	8.1	6.9	10.3

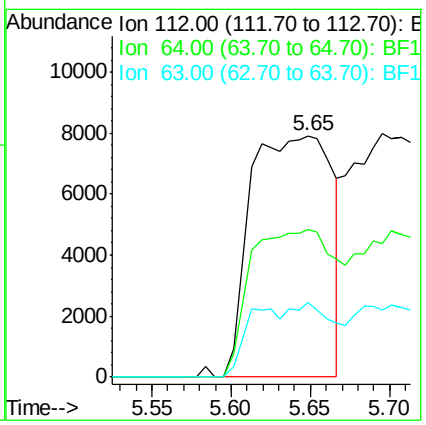


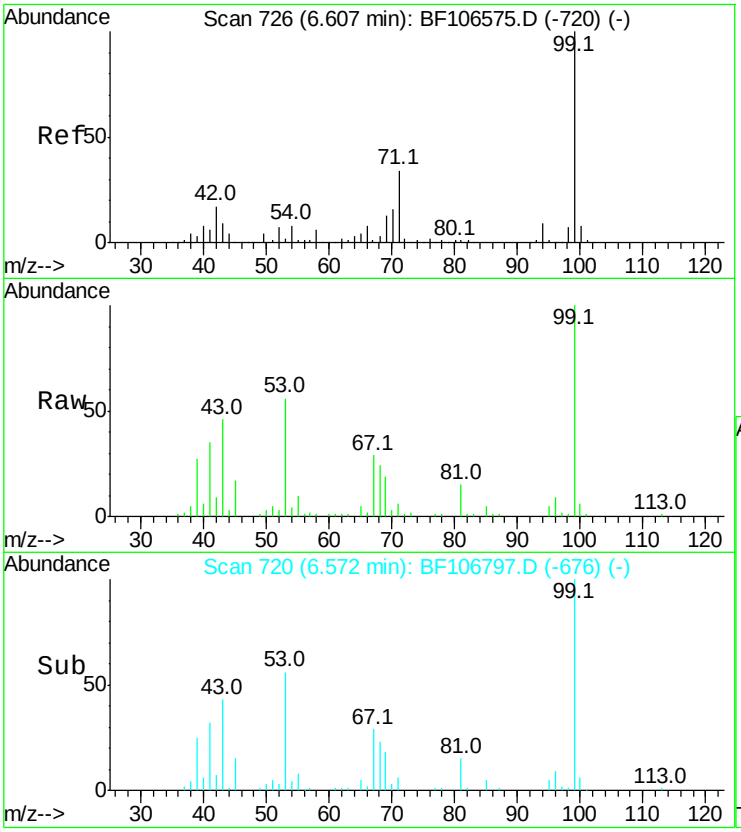


#5
2-Fluorophenol
Concen: 9.365 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.05 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:112 Resp: 28075

Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	30.7	23.7	35.5



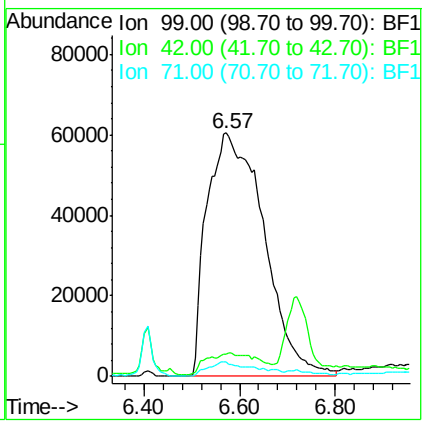


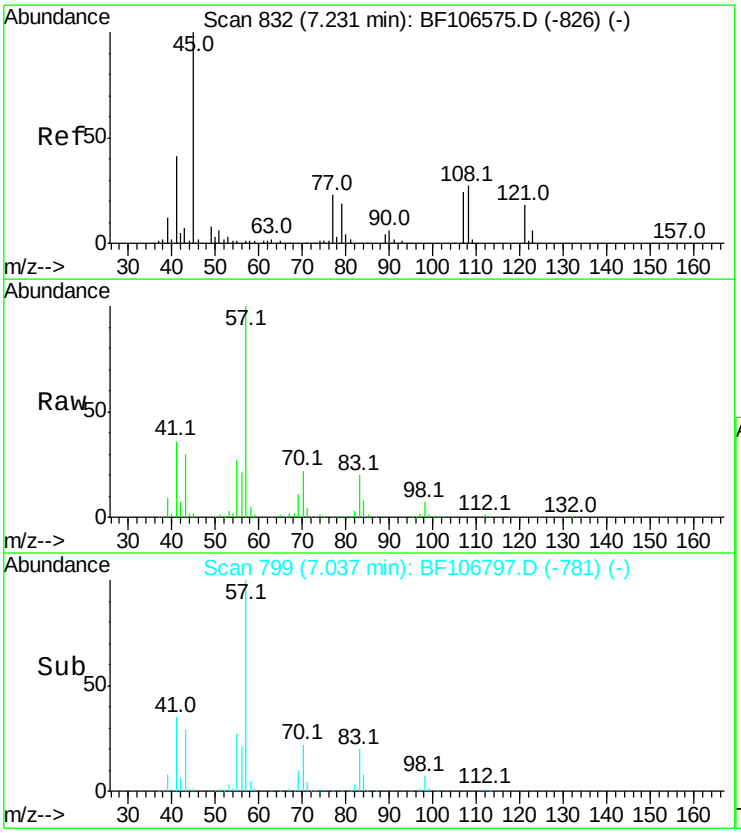
#7
Phenol-d6
Concen: 133.920 ng
RT: 6.57 min Scan# 720
Delta R.T. -0.04 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 501348

Ion	Ratio	Lower	Upper
99	100		
42	9.2	14.5	21.7#
71	5.7	25.4	38.0#

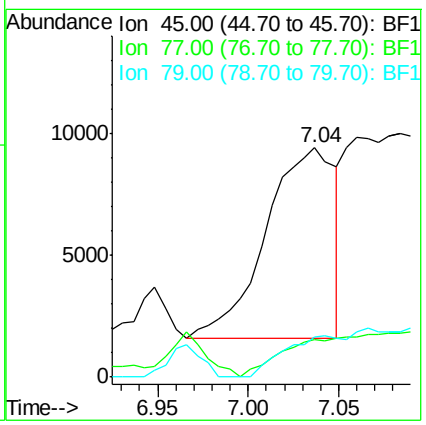


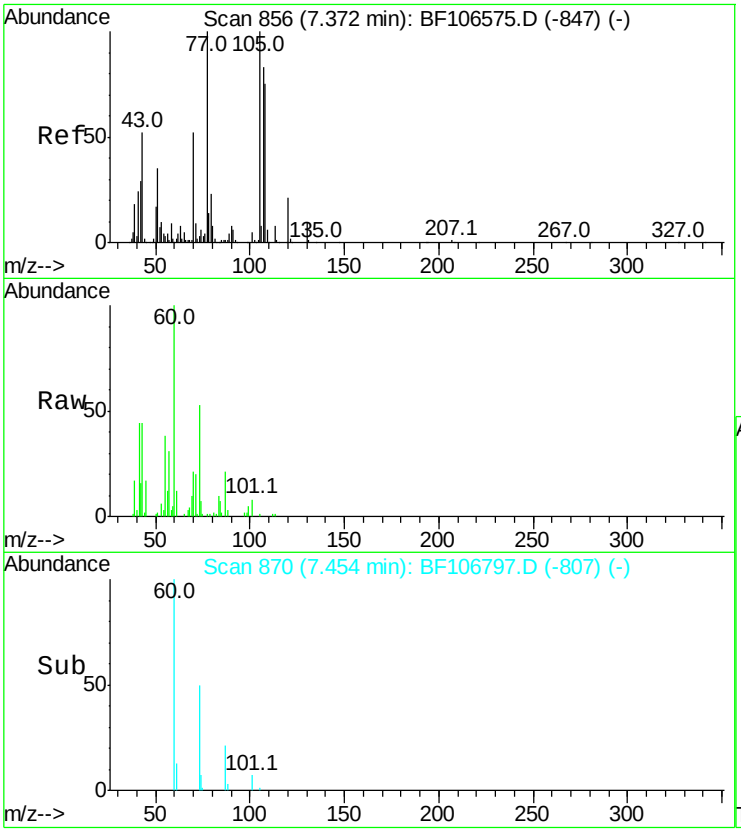


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.506 ng
RT: 7.04 min Scan# 799
Delta R.T. -0.19 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion: 45 Resp: 20854

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	32.9
79	17.8	0.0	29.6



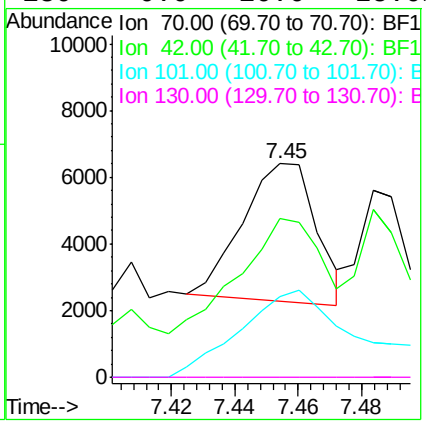


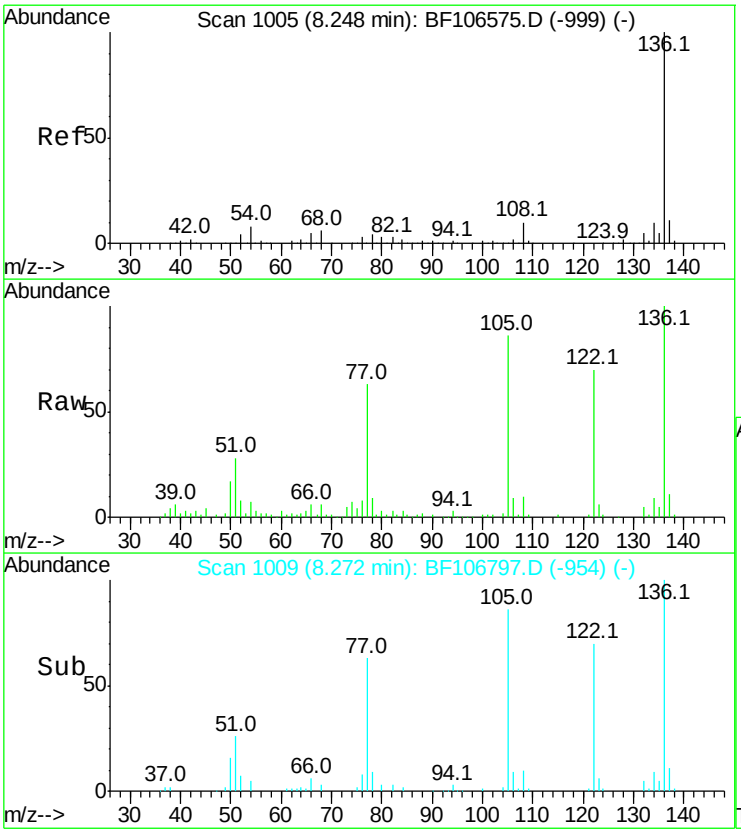
#19
n-Nitroso-di-n-propylamine
Concen: 2.698 ng
RT: 7.45 min Scan# 870
Delta R.T. 0.07 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 6659

Ion	Ratio	Lower	Upper
70	100		
42	74.3	47.5	71.3#
101	37.5	7.4	11.2#
130	0.0	16.6	25.0#

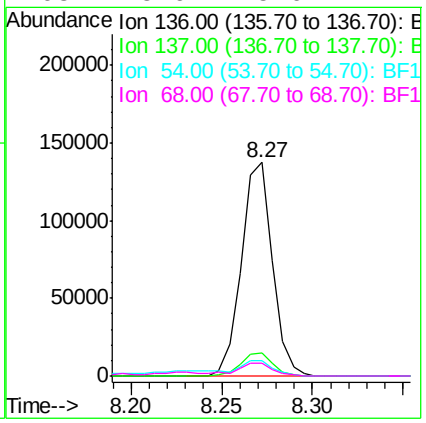


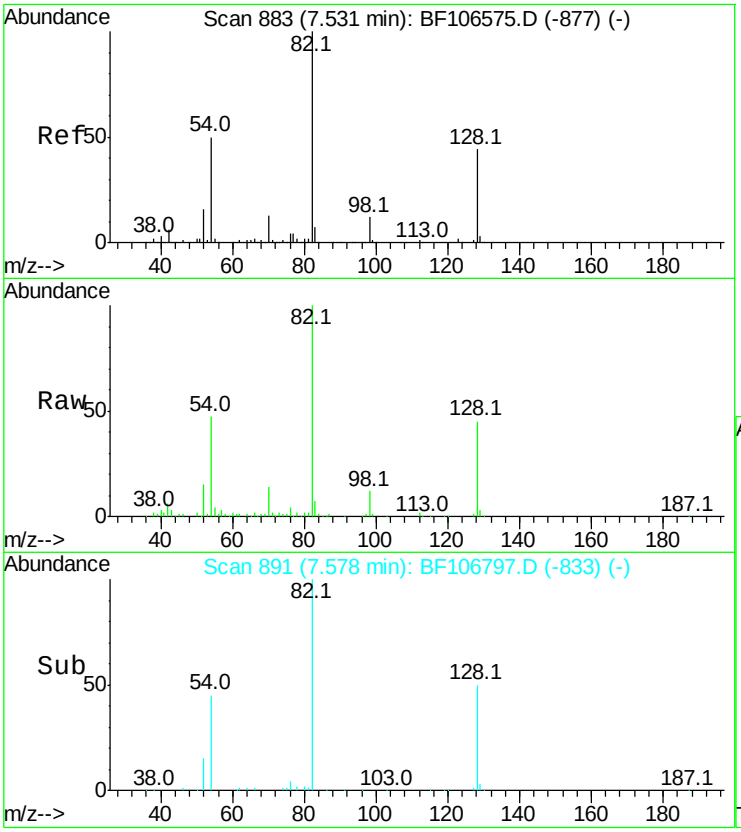


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:136 Resp: 162602

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4



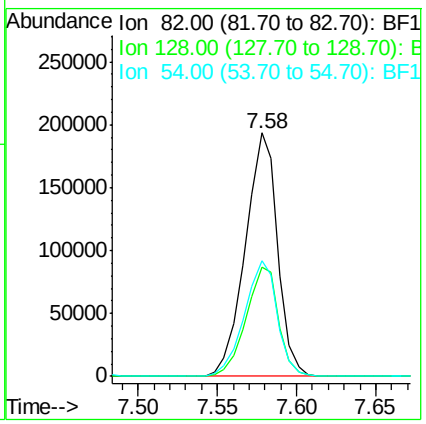


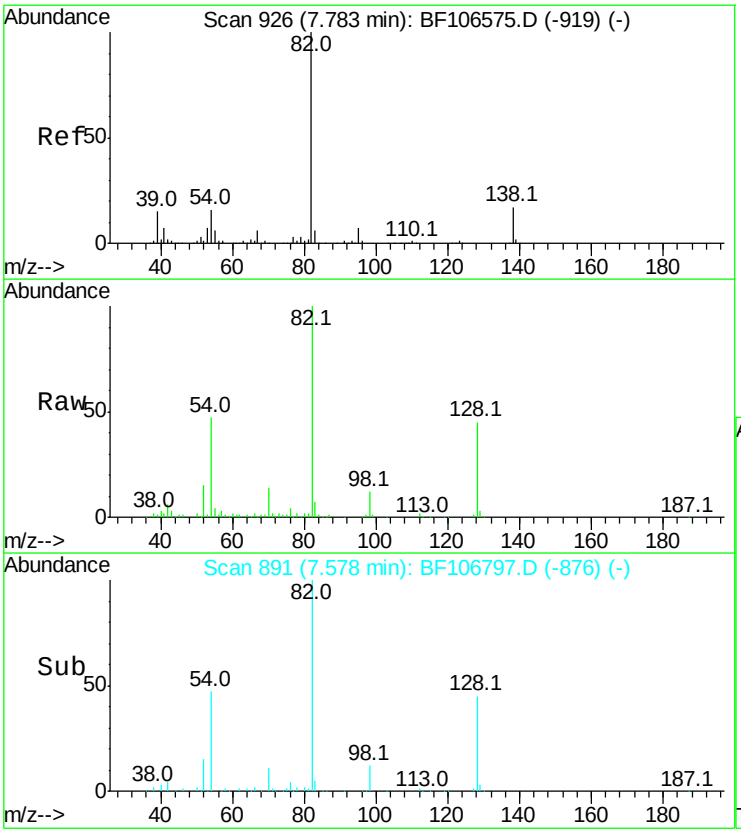
#23
Nitrobenzene-d5
Concen: 93.567 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.04 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 273767

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	47.4	41.4	62.2

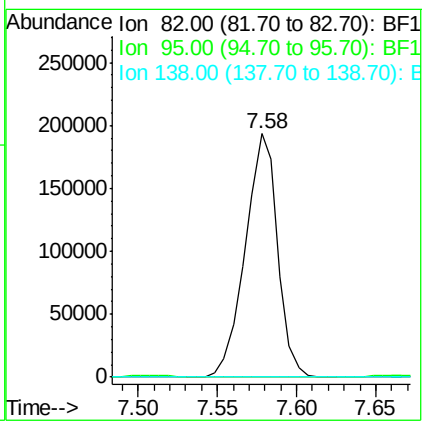


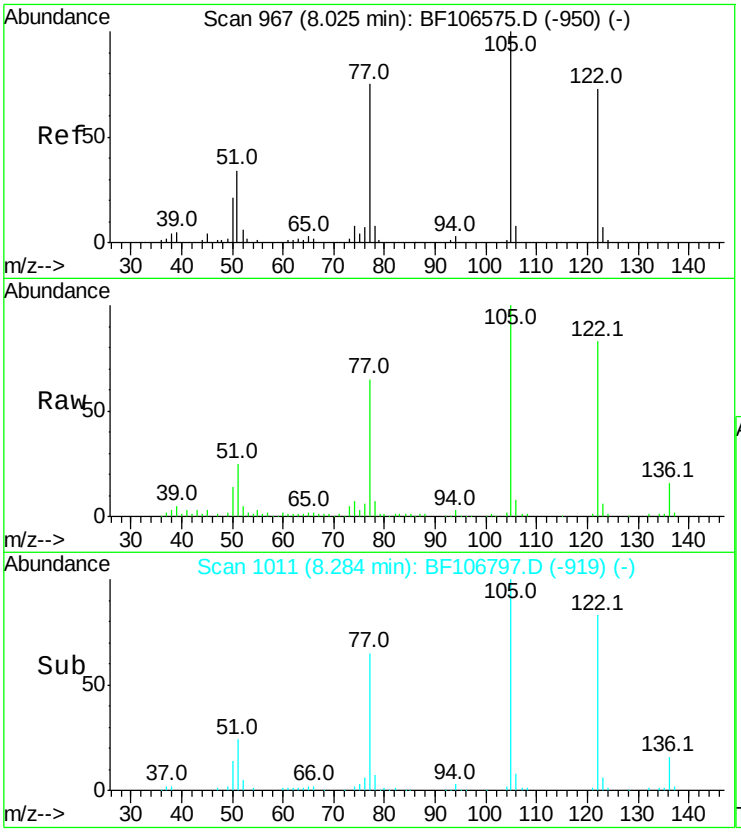


#25
Isophorone
Concen: 53.098 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.21 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion: 82 Resp: 273767

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



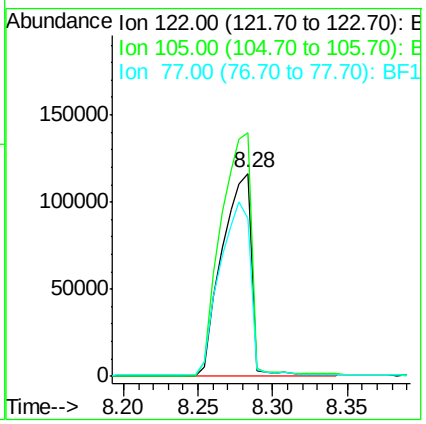


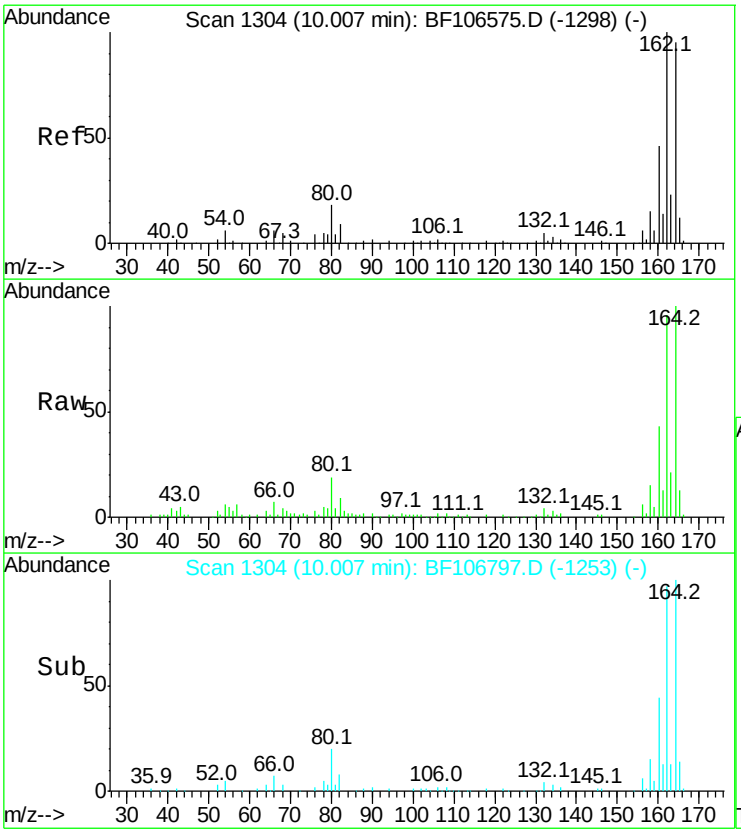
#32
Benzoic acid
Concen: 96.700 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.24 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 163782

Ion	Ratio	Lower	Upper
122	100		
105	120.1	101.1	141.1
77	78.1	70.7	110.7

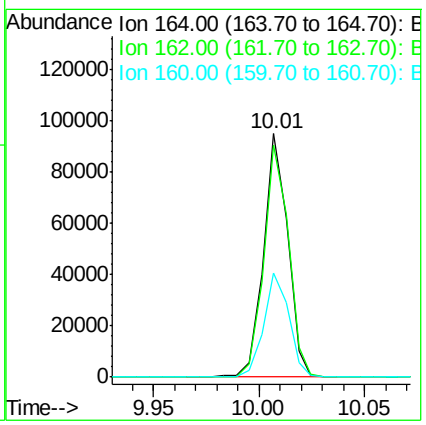


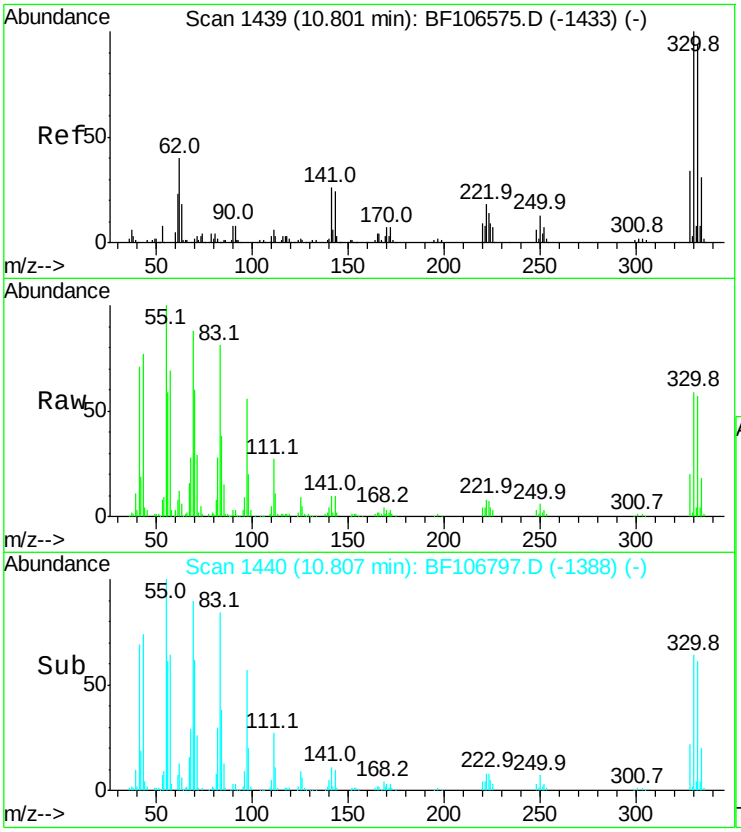


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:164 Resp: 75663

Ion	Ratio	Lower	Upper
164	100		
162	95.6	86.1	129.1
160	43.0	38.3	57.5



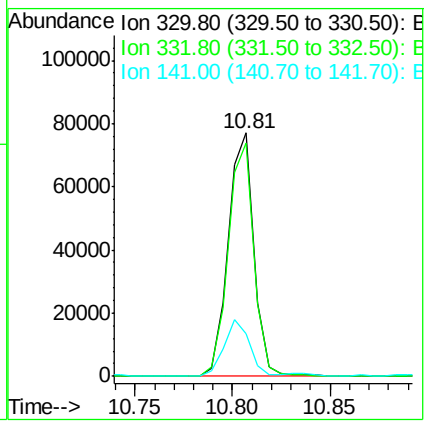


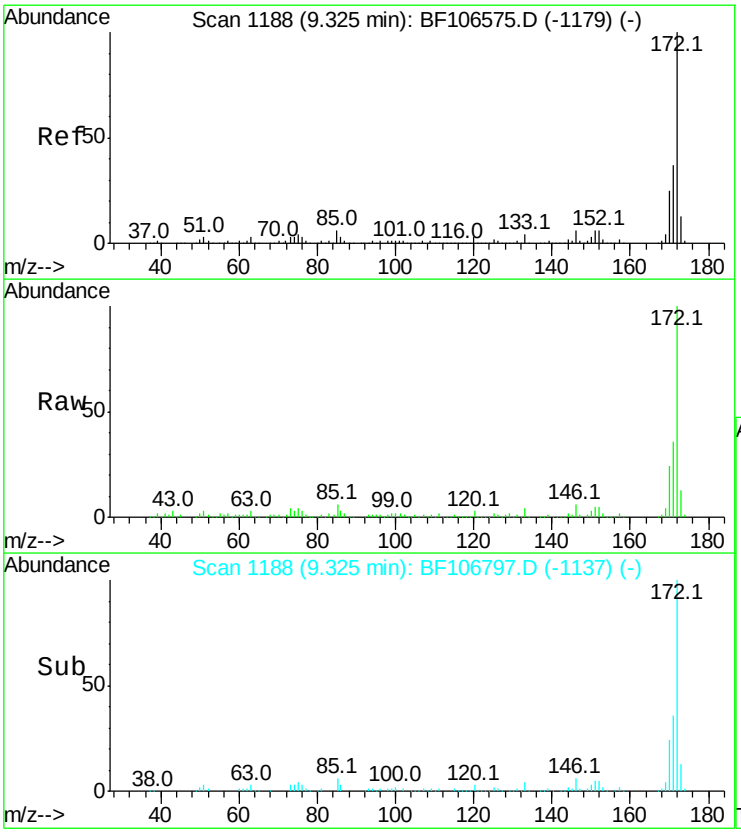
#41
2,4,6-Tribromophenol
Concen: 80.092 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 70237

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	23.3	29.9	44.9#

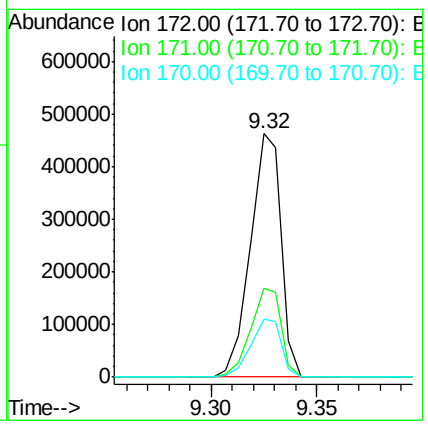


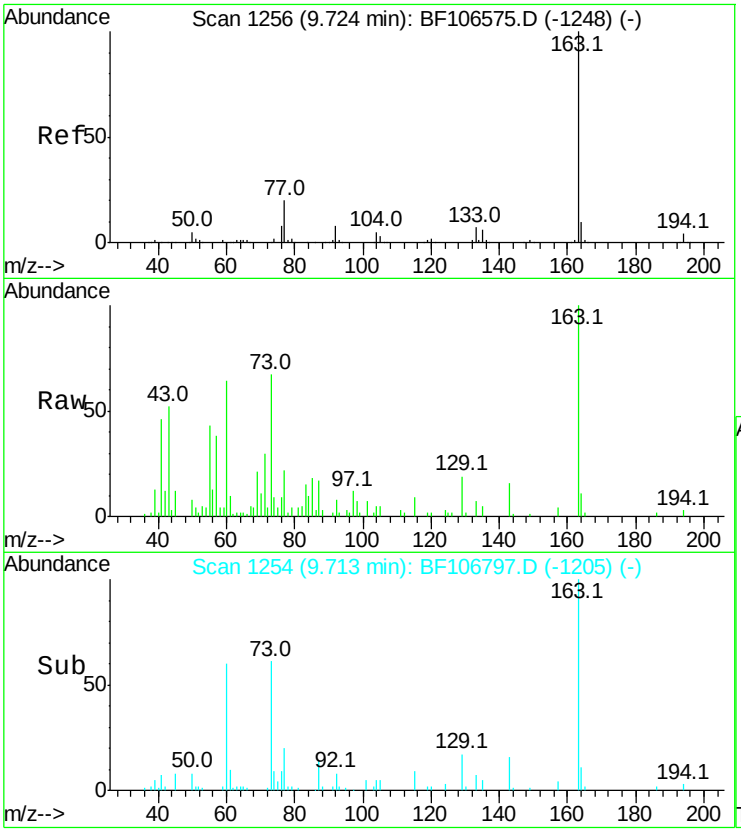


#44
2-Fluorobiphenyl
Concen: 108.538 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:172 Resp: 466921

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4



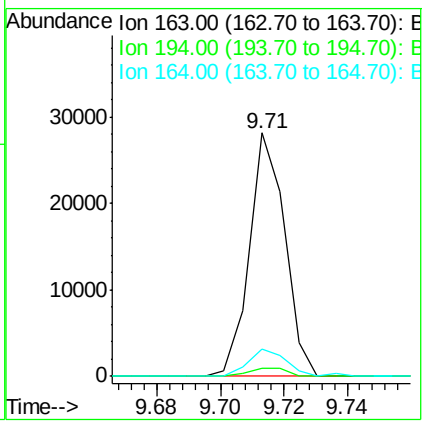


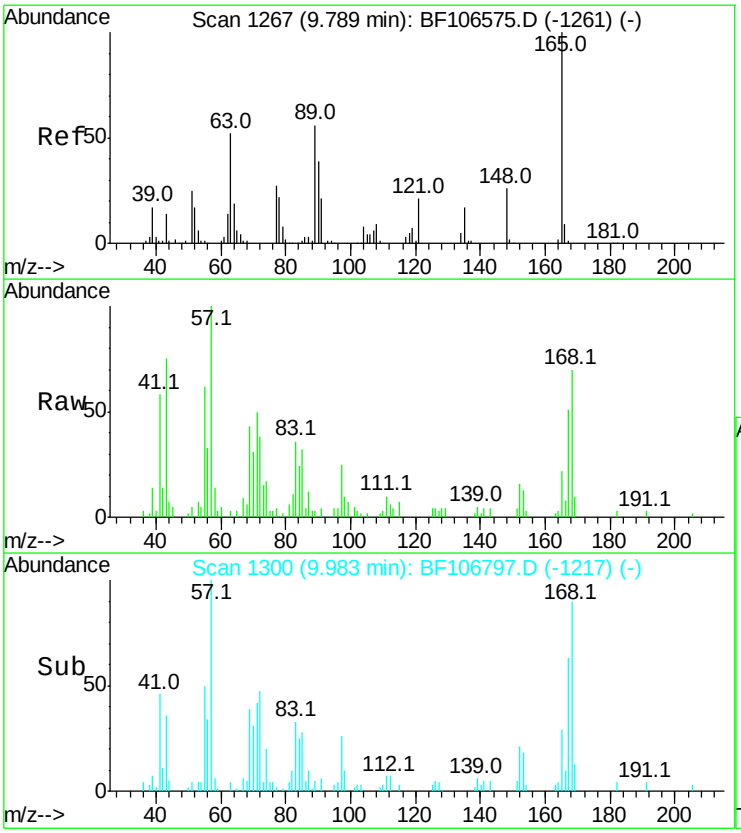
#49
Dimethylphthalate
Concen: 3.844 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 21812

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.0	8.2	12.2

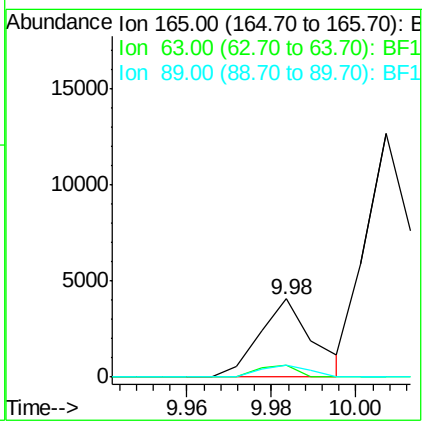


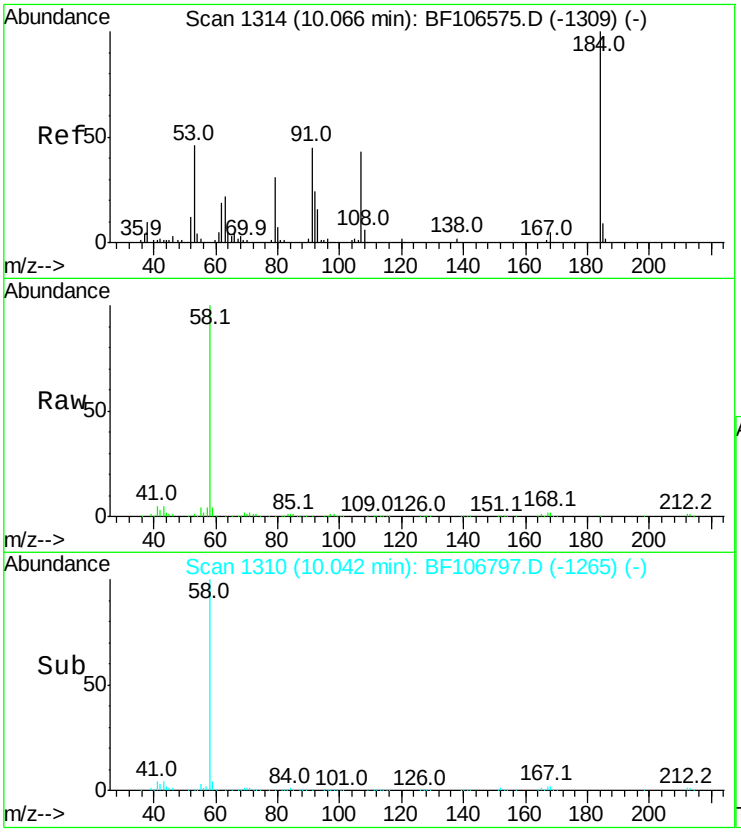


#50
2,6-Dinitrotoluene
Concen: 2.963 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.19 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:165 Resp: 3561

Ion	Ratio	Lower	Upper
165	100		
63	14.7	44.7	67.1#
89	15.7	44.0	66.0#



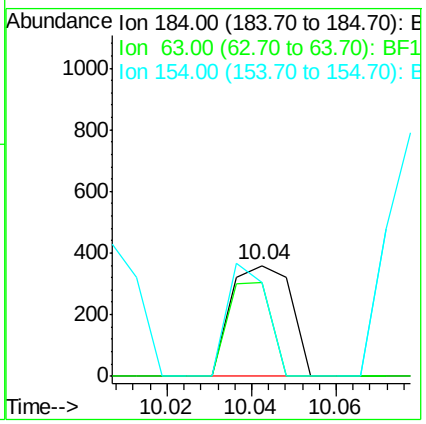


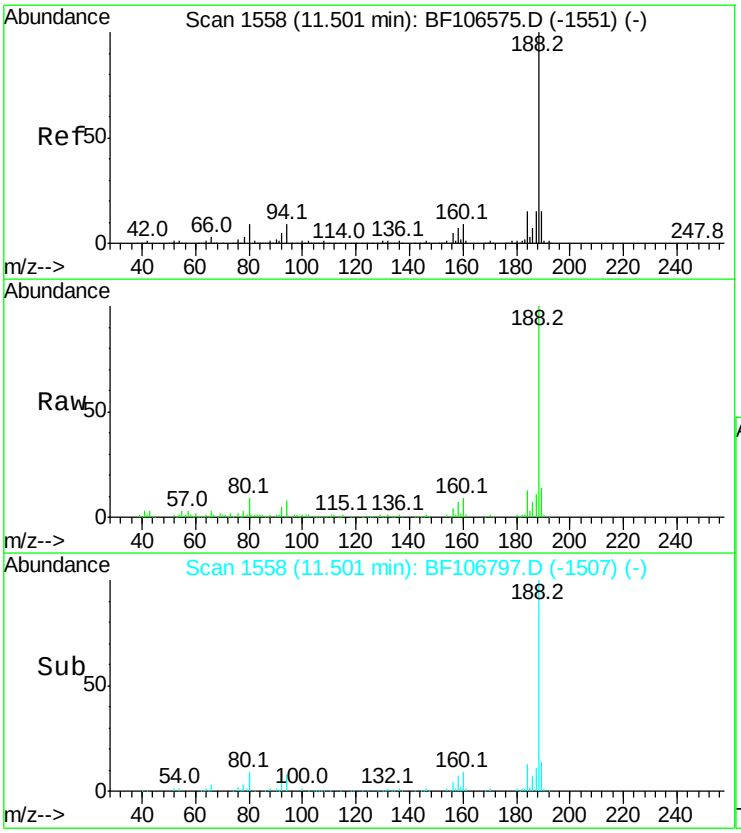
#53
2,4-Dinitrophenol
Concen: 5.882 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.04 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 354

Ion	Ratio	Lower	Upper
184	100		
63	84.4	54.2	81.2#
154	84.2	184.0	276.0#

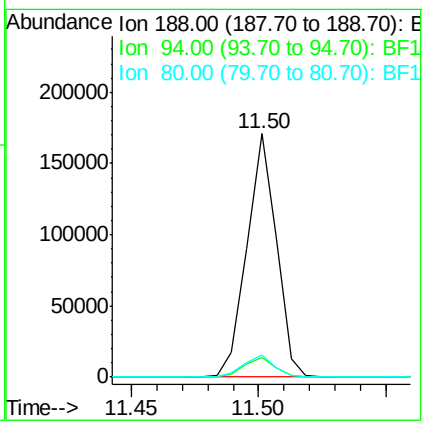


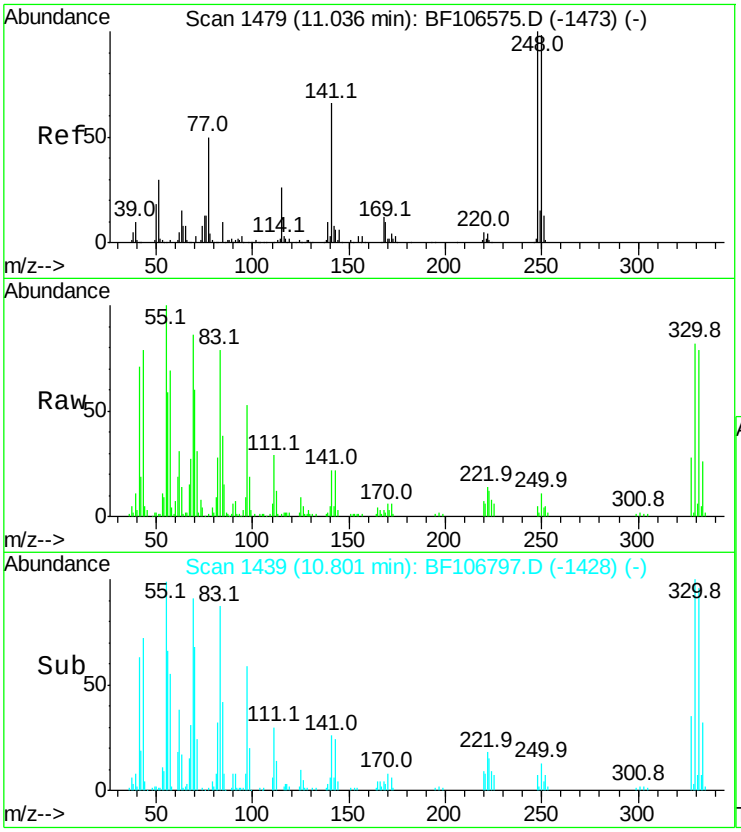


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:188 Resp: 138504

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.0	9.2	13.8#



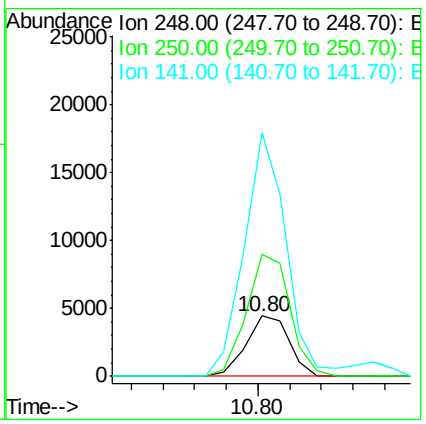


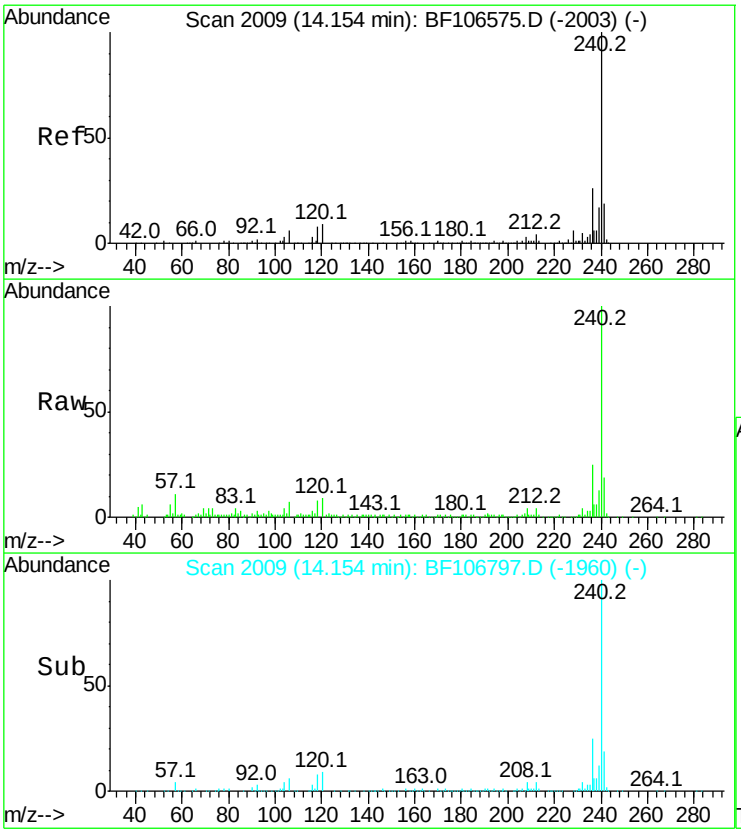
#66
4-Bromophenyl-phenylether
Concen: 2.541 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4201

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.9	115.3#
141	402.2	74.4	111.6#

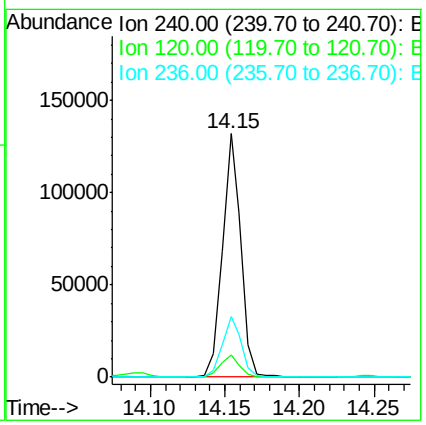


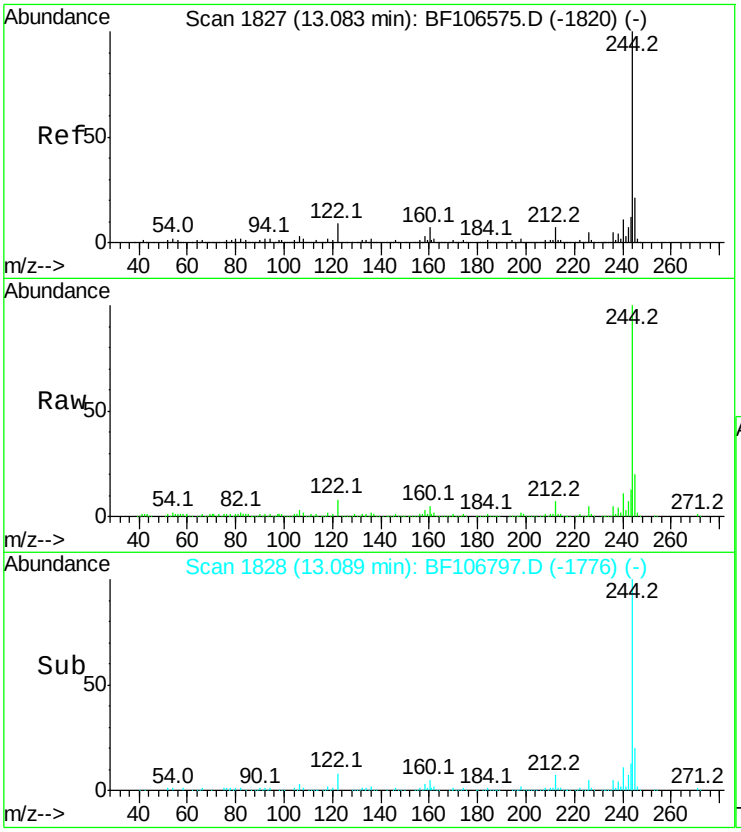


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:240 Resp: 115104

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.0	20.7	31.1



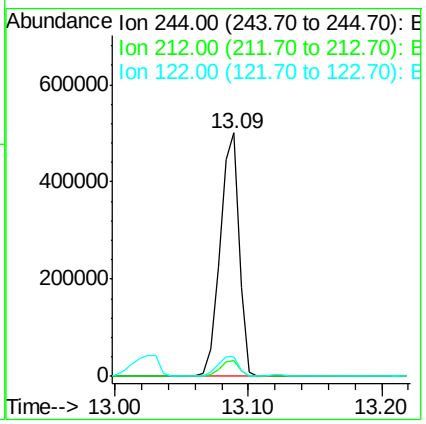


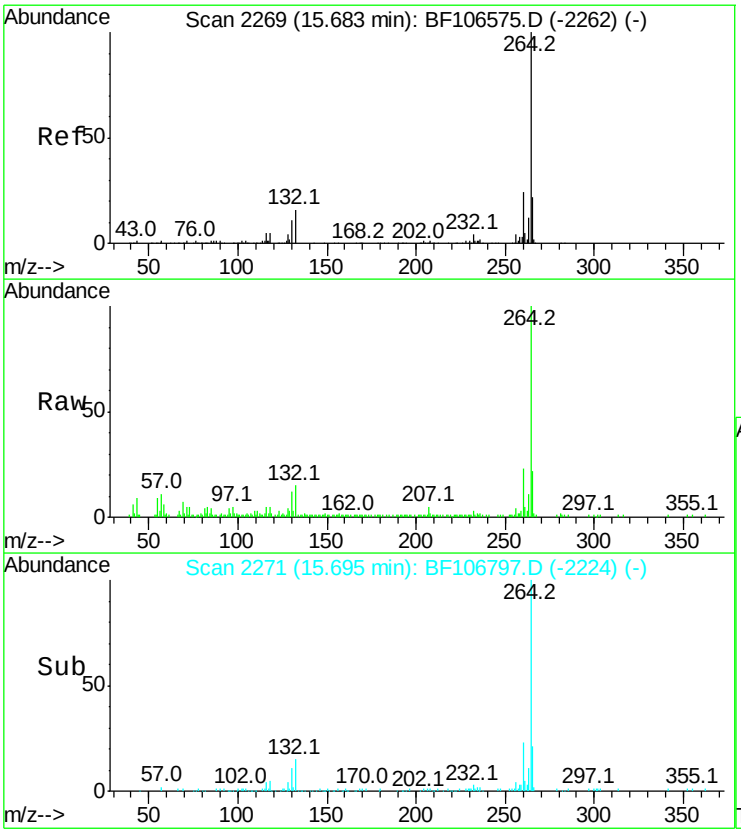
#78
Terphenyl-d14
Concen: 106.639 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 506734

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	7.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:264 Resp: 82194

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.6	17.5	26.3