Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082317\
Data File : BF097995.D
Acq On : 23 Aug 2017 13:52
Operator : SJ/JU
Sample : I4901-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 23 17:49:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151966	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	610313	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	275119	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	526715	20.00	ng	0.00
75) Chrysene-d12	13.89	240	333879	20.00	ng	-0.01
86) Perylene-d12	15.30	264	256043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1144290	114.54	ng	0.00
7) Phenol-d6	6.38	99	1549186	114.12	ng	0.00
23) Nitrobenzene-d5	7.30	82	966072	85.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	203095	85.08	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1330565	71.06	ng	-0.01
78) Terphenyl-d14	12.85	244	1057676	66.06	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.39	94	36558	2.303	ng	# 47
19) n-Nitroso-di-n-propylamine	7.30	70	130456	14.039	ng	# 70
25) Isophorone	7.30	82	948360	40.596	ng	# 67
49) Dimethylphthalate	9.49	163	177332	8.818	ng	98
56) 2,4-Dinitrotoluene	9.77	165	34852	6.918	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	428	8.463	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	13247	2.422	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	24027	2.071	ng	100

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

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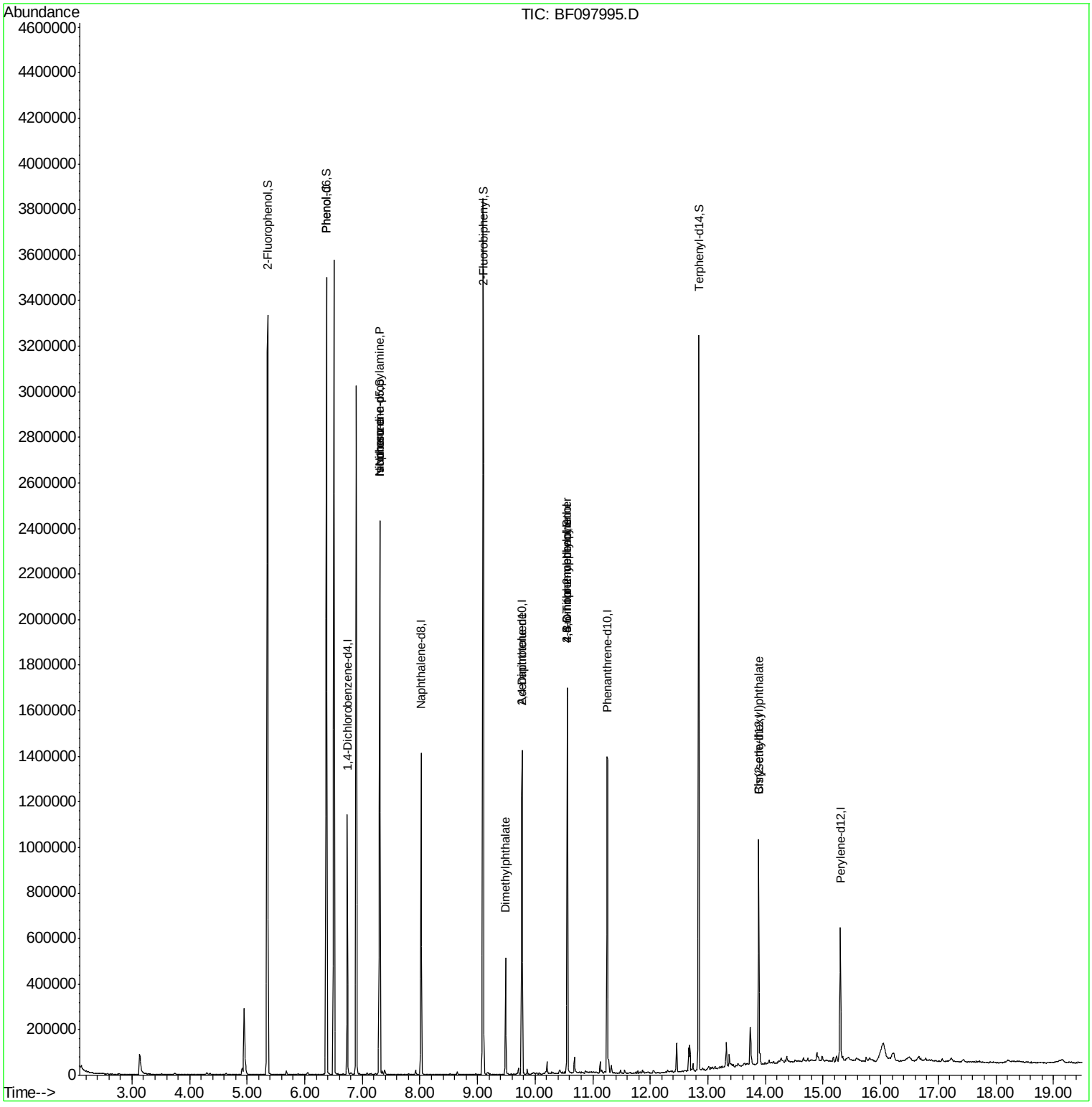
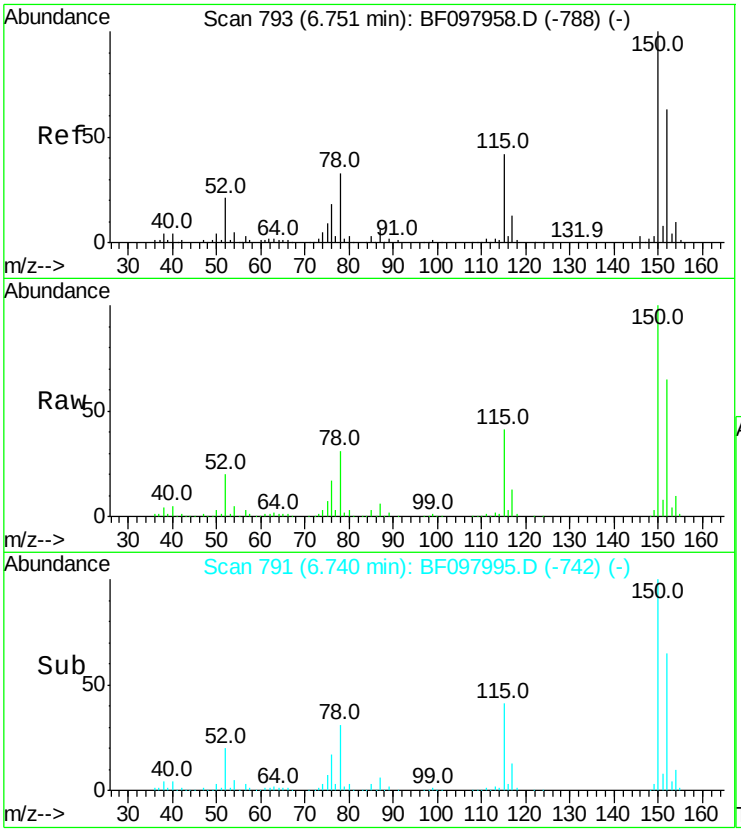


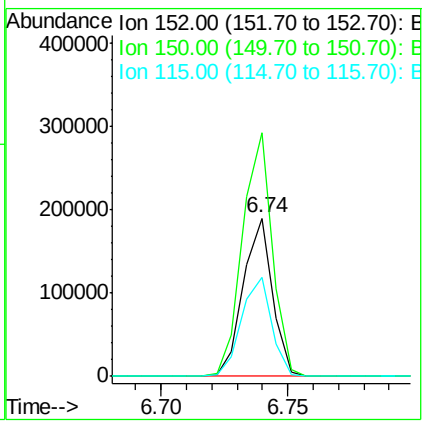


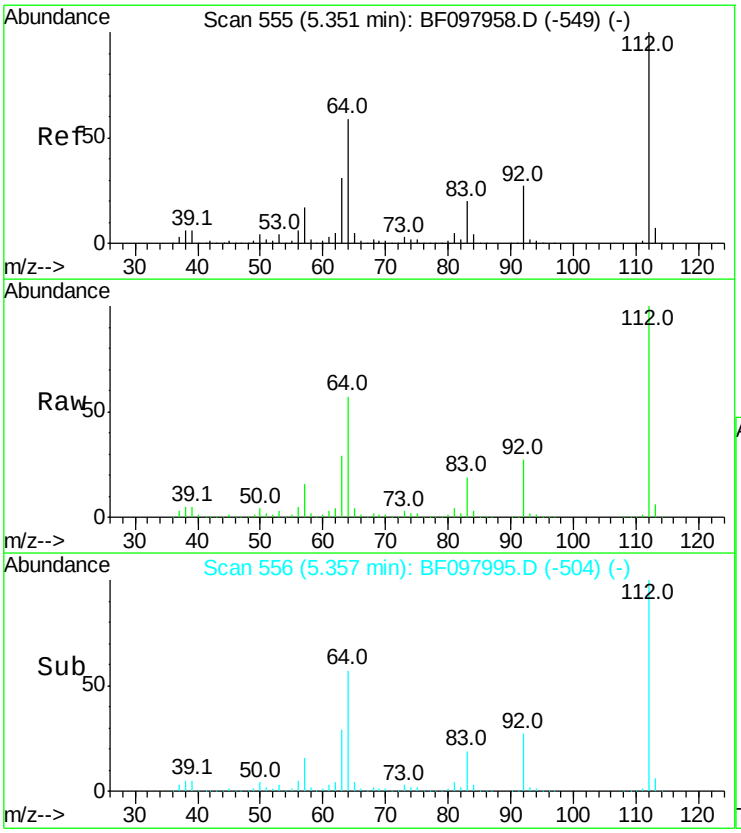
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151966

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	62.3	52.2	78.2

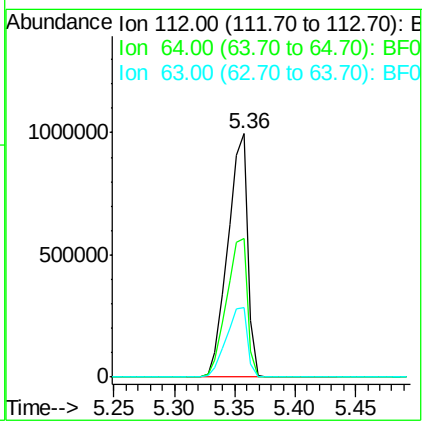


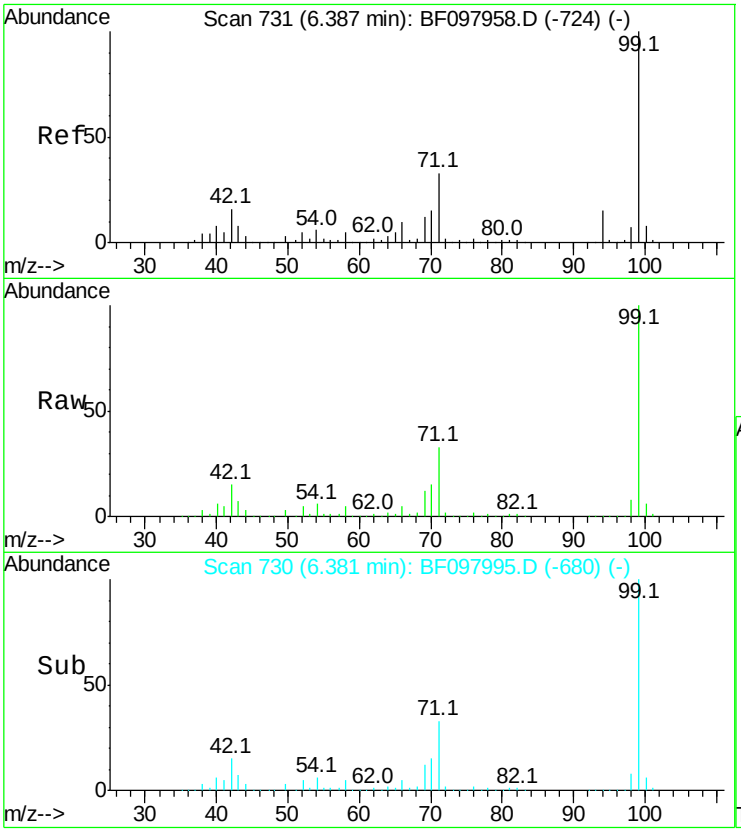


#5
2-Fluorophenol
Concen: 114.535 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:112 Resp: 1144290

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	28.6	23.4	35.0



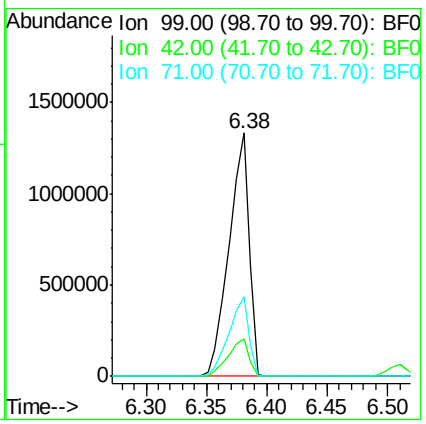


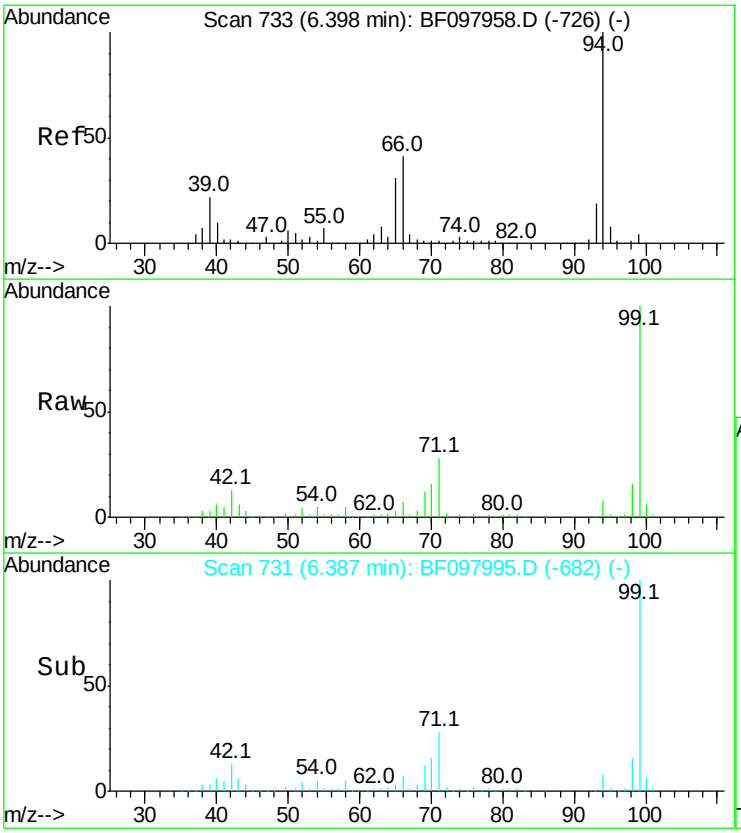
#7
Phenol-d6
Concen: 114.125 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1549186

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.8	24.5	36.7

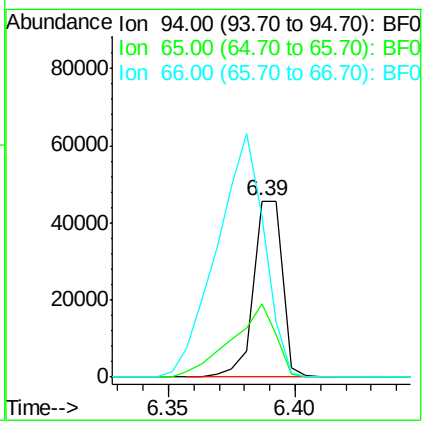


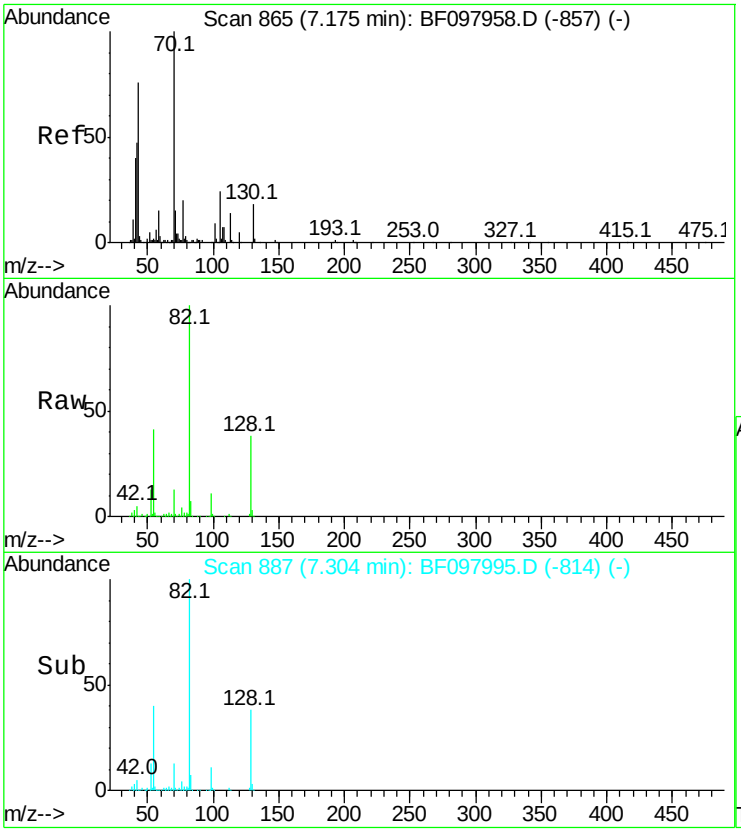


#10
Phenol
Concen: 2.303 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion: 94 Resp: 36558

Ion	Ratio	Lower	Upper
94	100		
65	41.8	9.9	49.9
66	91.0	23.1	63.1#



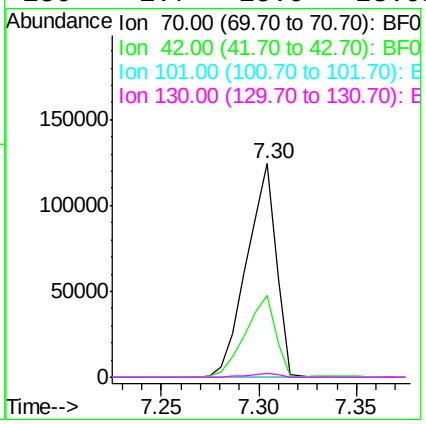


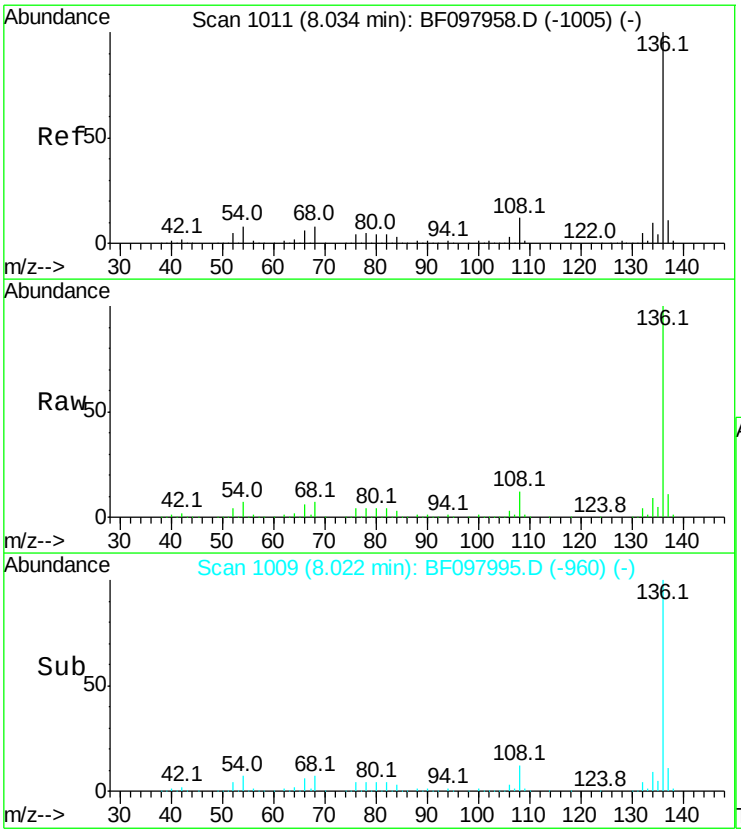
#19
n-Nitroso-di-n-propylamine
Concen: 14.039 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 130456

Ion	Ratio	Lower	Upper
70	100		
42	38.2	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#

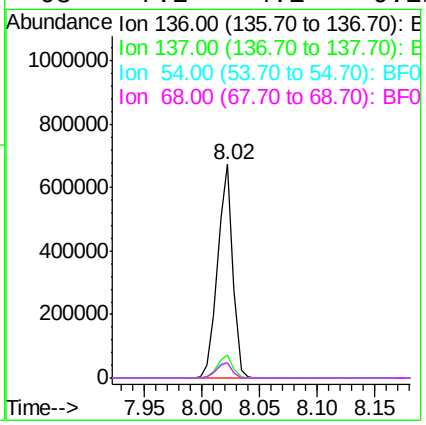


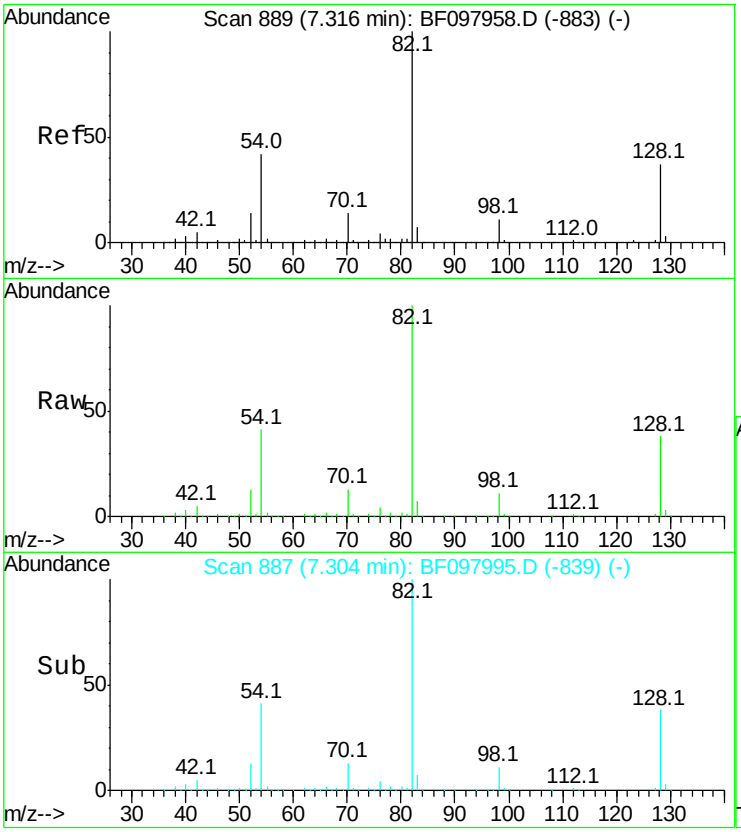


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:136 Resp: 610313

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.4	4.9	7.3#
68	7.2	4.1	6.1#



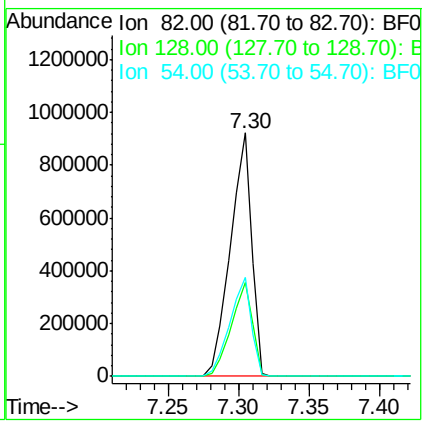


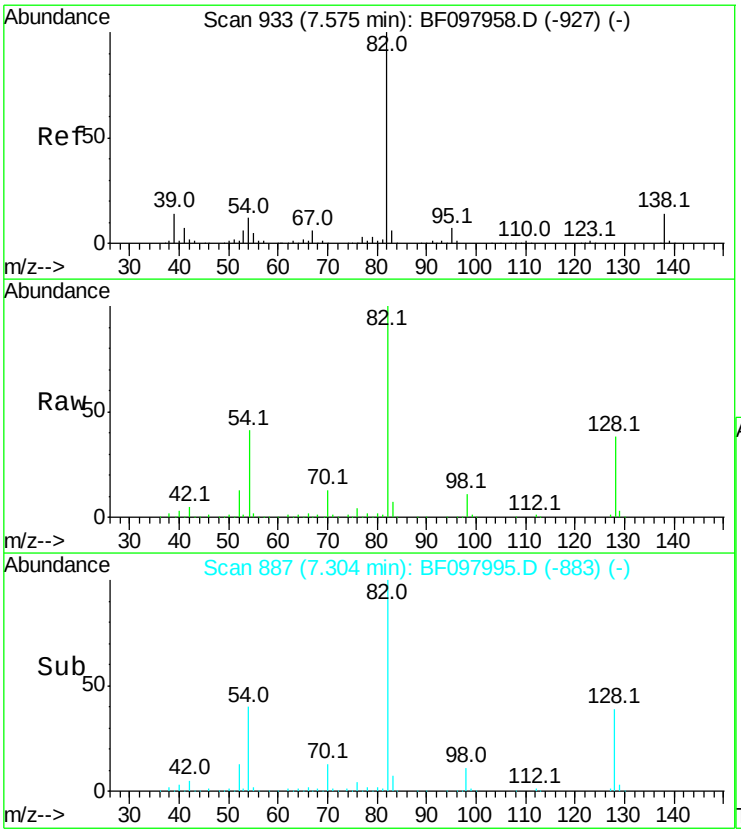
#23
Nitrobenzene-d5
Concen: 85.991 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 966072

Ion	Ratio	Lower	Upper
82	100		
128	38.4	34.0	51.0
54	40.5	42.2	63.2#

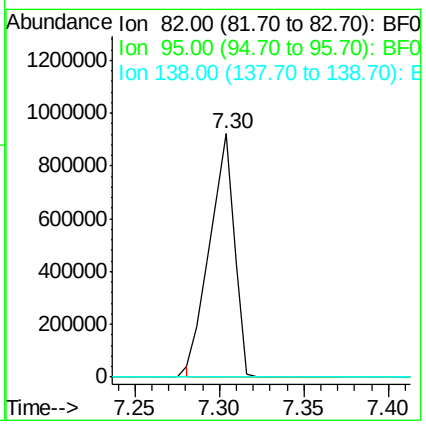


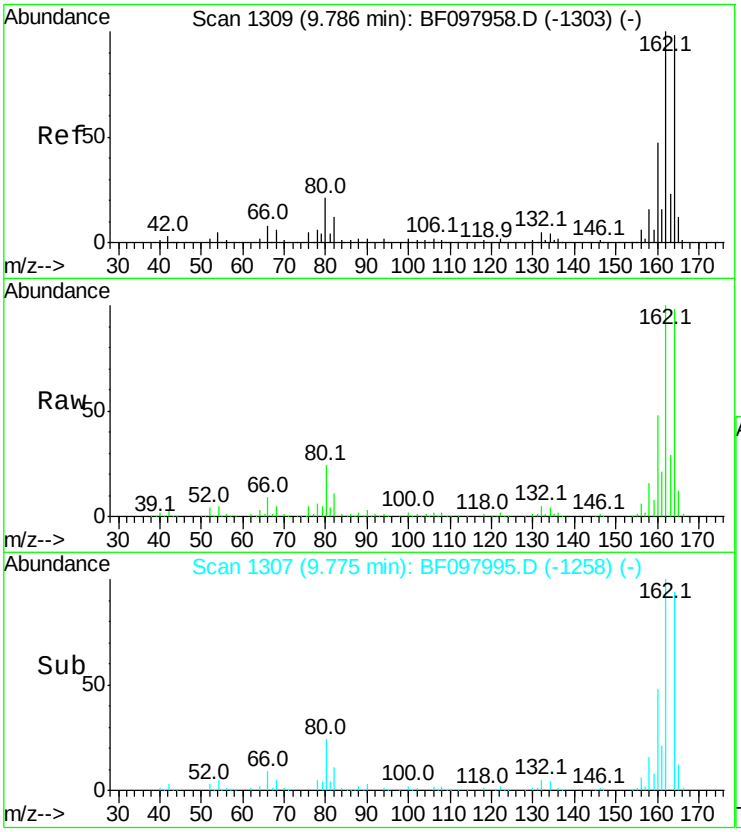


#25
Isophorone
Concen: 40.596 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion: 82 Resp: 948360

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



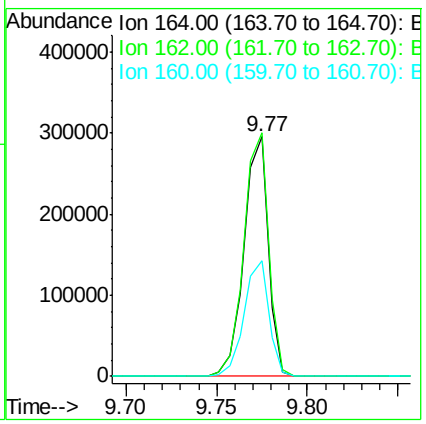


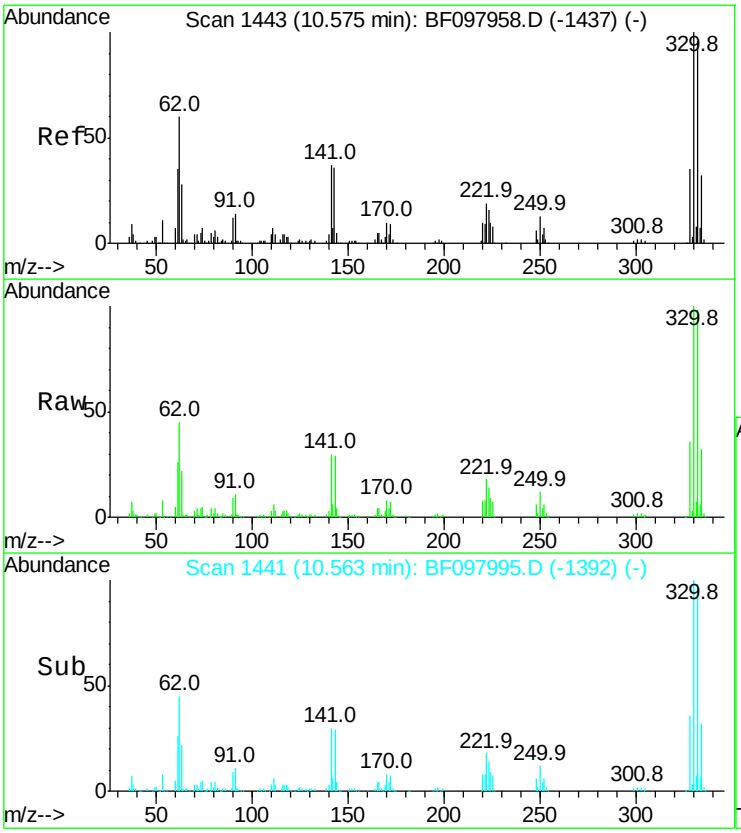
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 275119

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	48.4	36.2	54.2

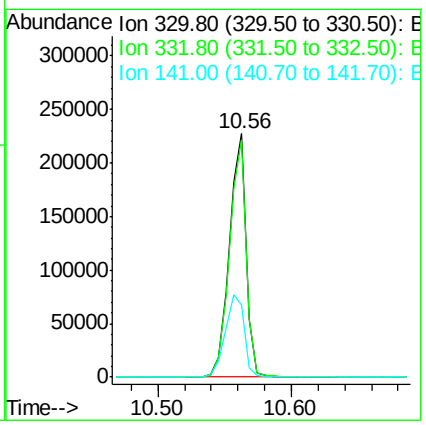


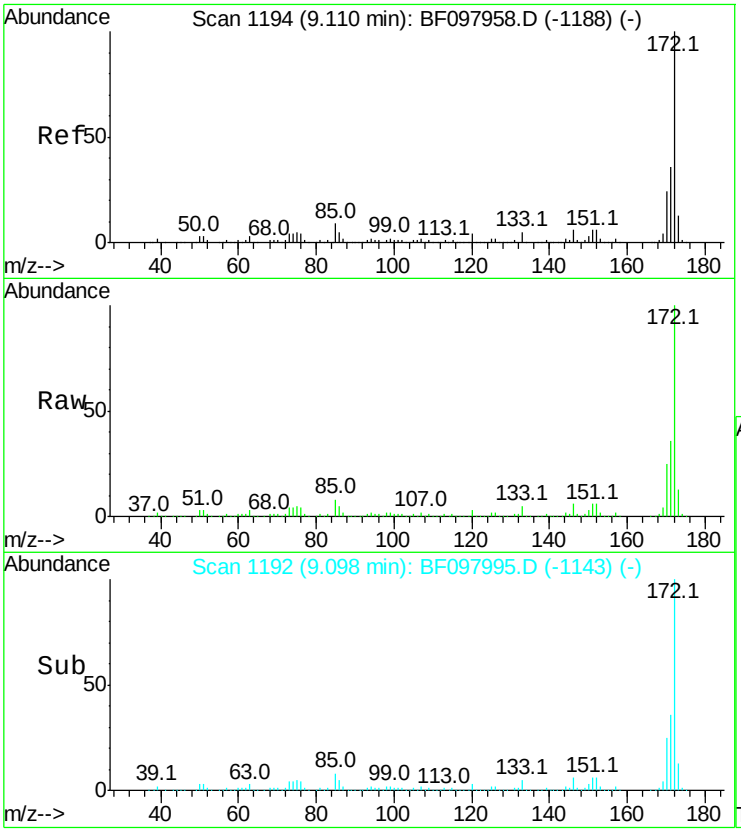


#41
2,4,6-Tribromophenol
Concen: 85.080 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:330 Resp: 203095

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.2	31.4	47.2



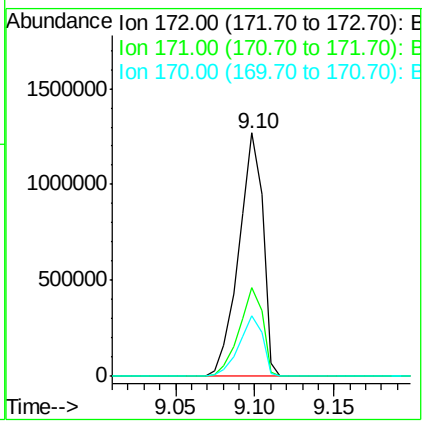


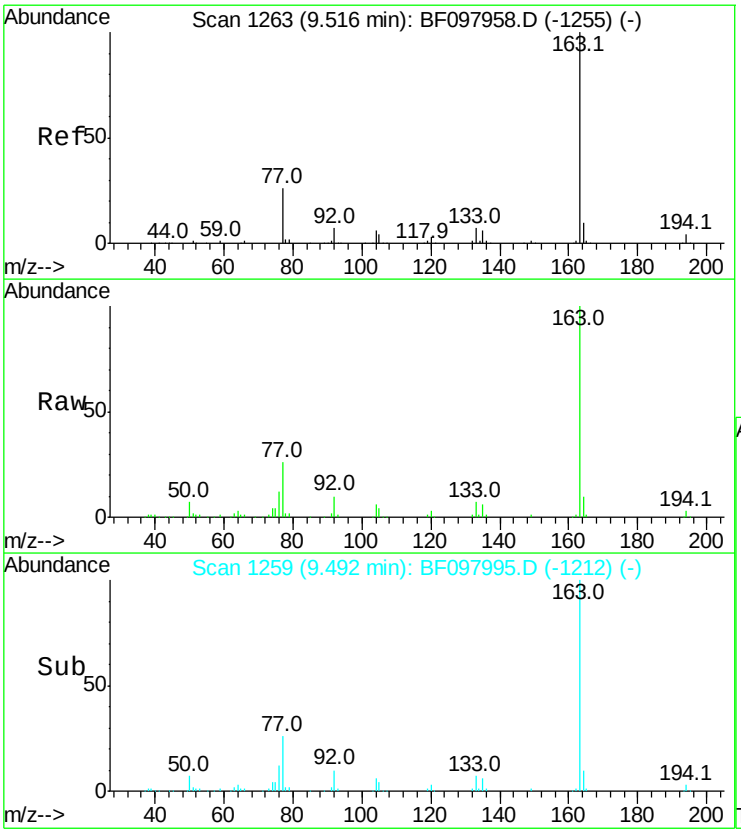
#44
2-Fluorobiphenyl
Concen: 71.056 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1330565

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	25.0	19.8	29.8

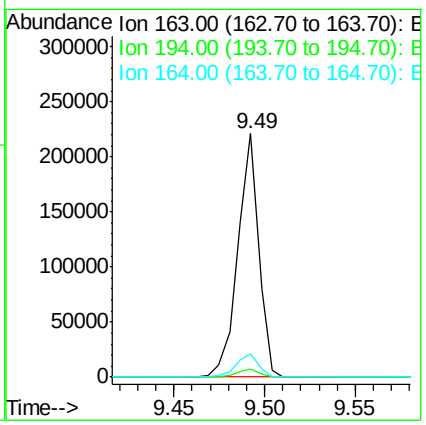


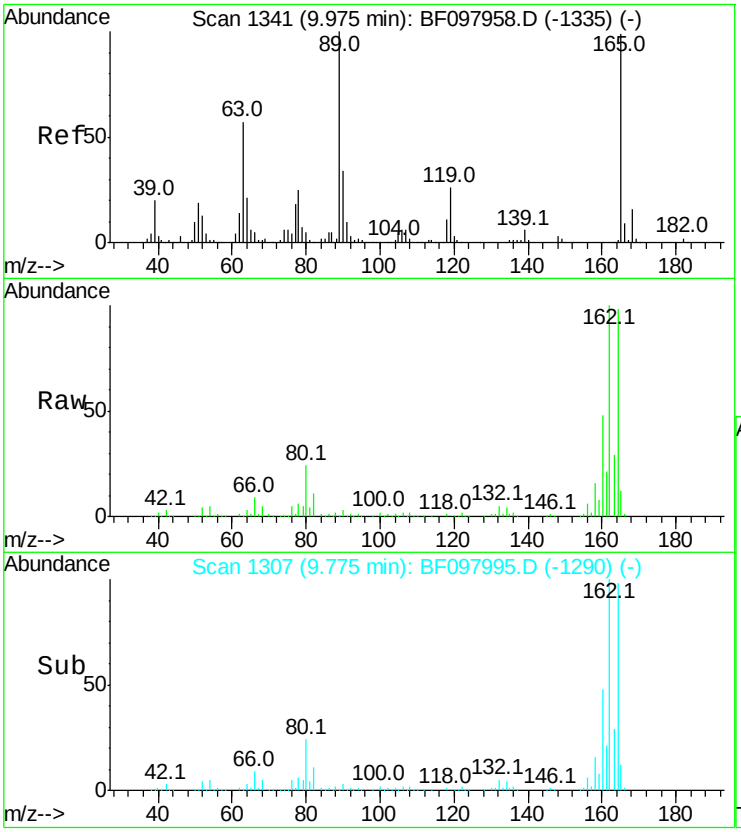


#49
Dimethylphthalate
Concen: 8.818 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:163 Resp: 177332

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6



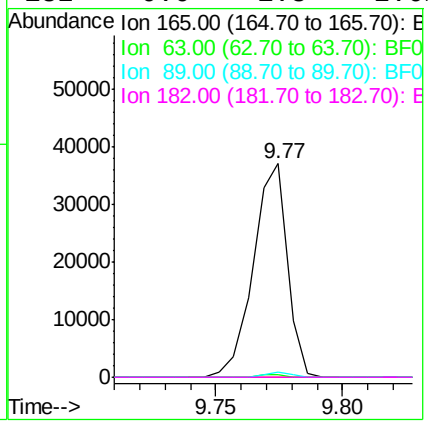


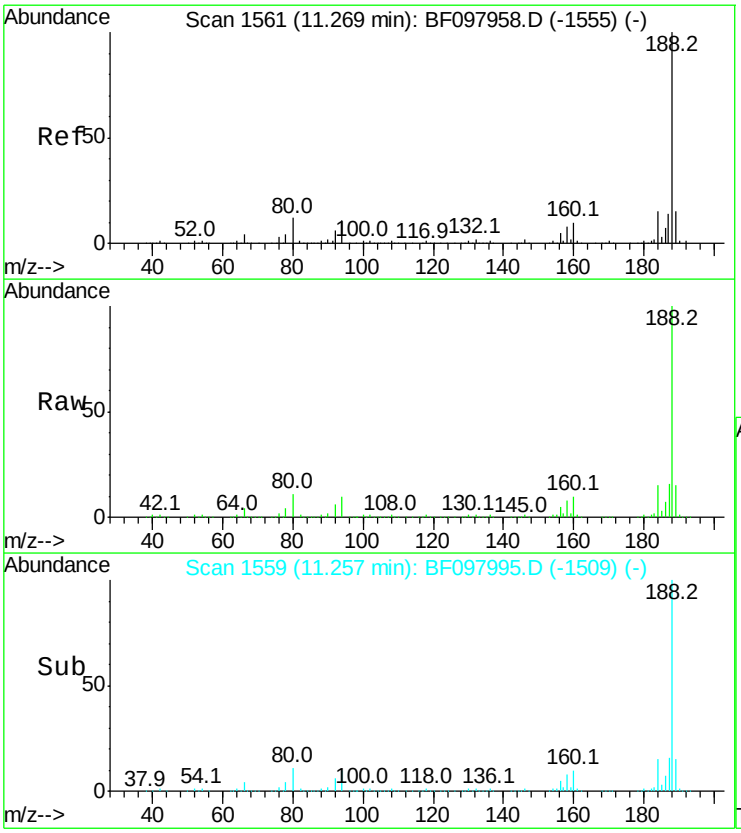
#56
2,4-Dinitrotoluene
Concen: 6.918 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34852

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#

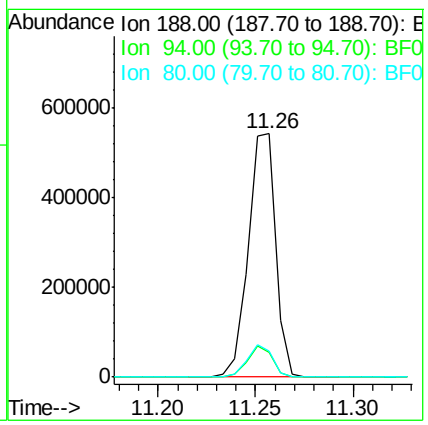


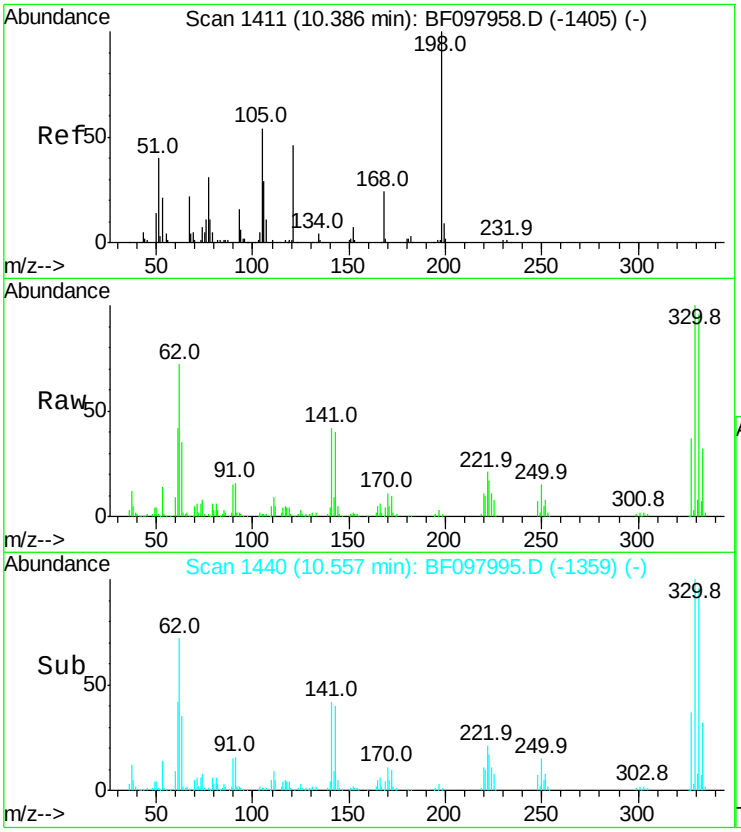


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:188 Resp: 526715

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.8	10.2	15.2



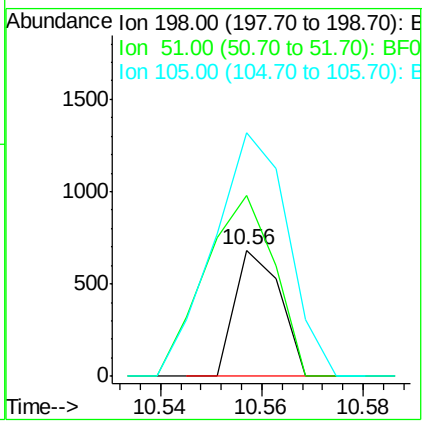


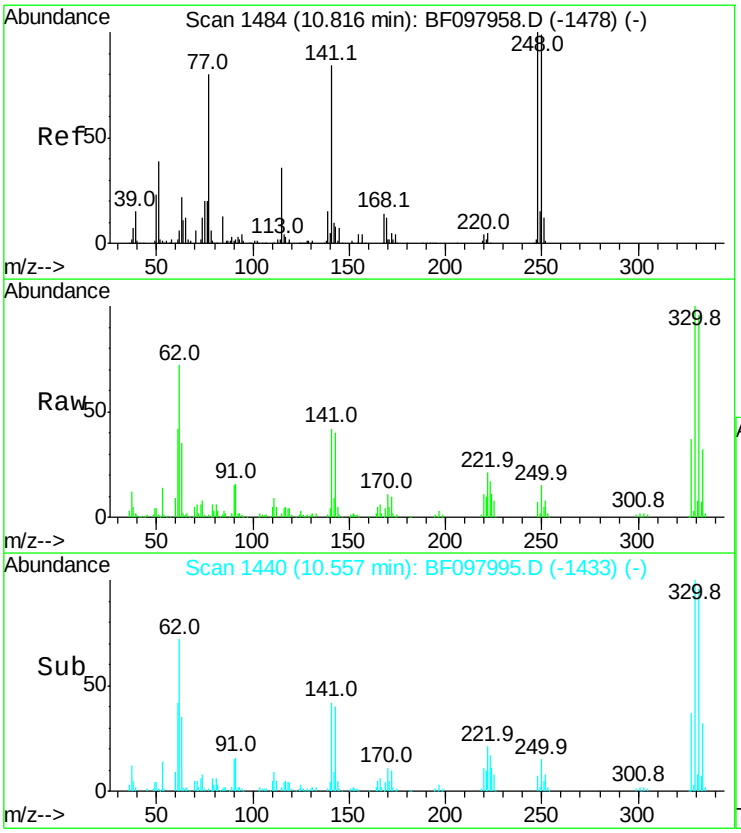
#64
4,6-Dinitro-2-methylphenol
Concen: 8.463 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.18 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 428

Ion	Ratio	Lower	Upper
198	100		
51	143.3	53.2	93.2#
105	193.3	45.8	85.8#

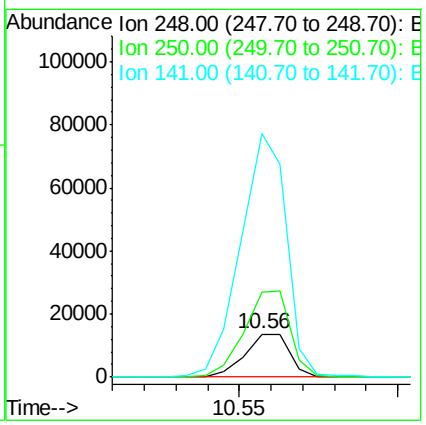


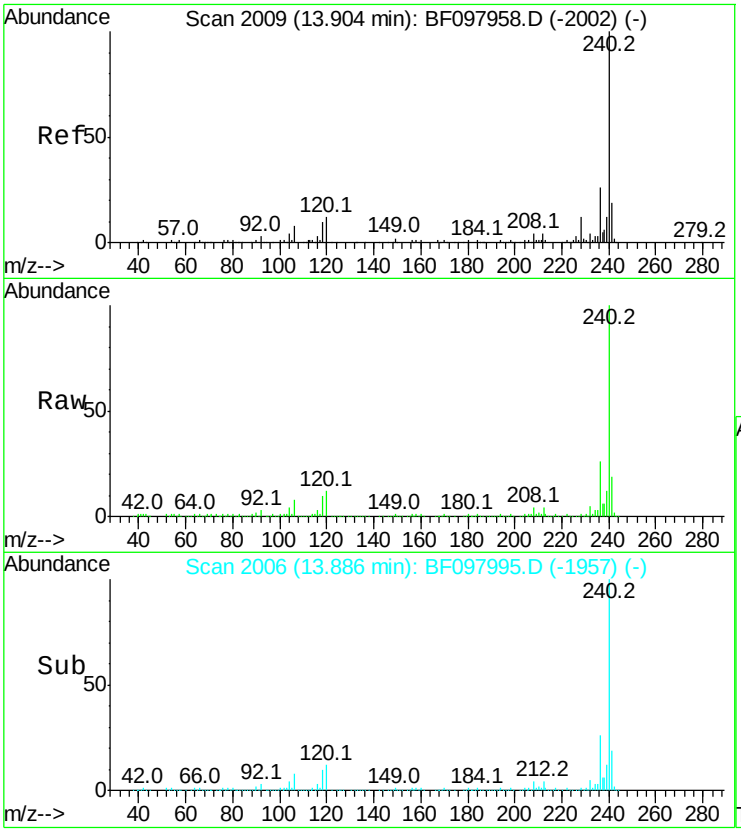


#66
4-Bromophenyl-phenylether
Concen: 2.422 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.26 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:248 Resp: 13247

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.8	115.2#
141	565.5	68.6	103.0#



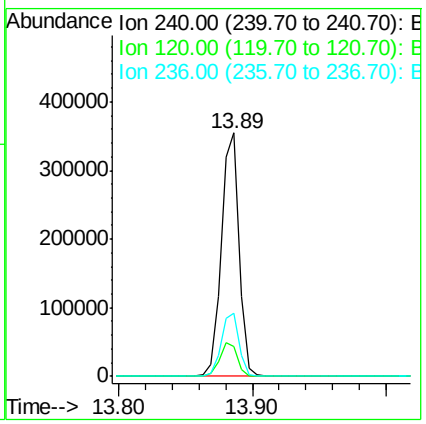


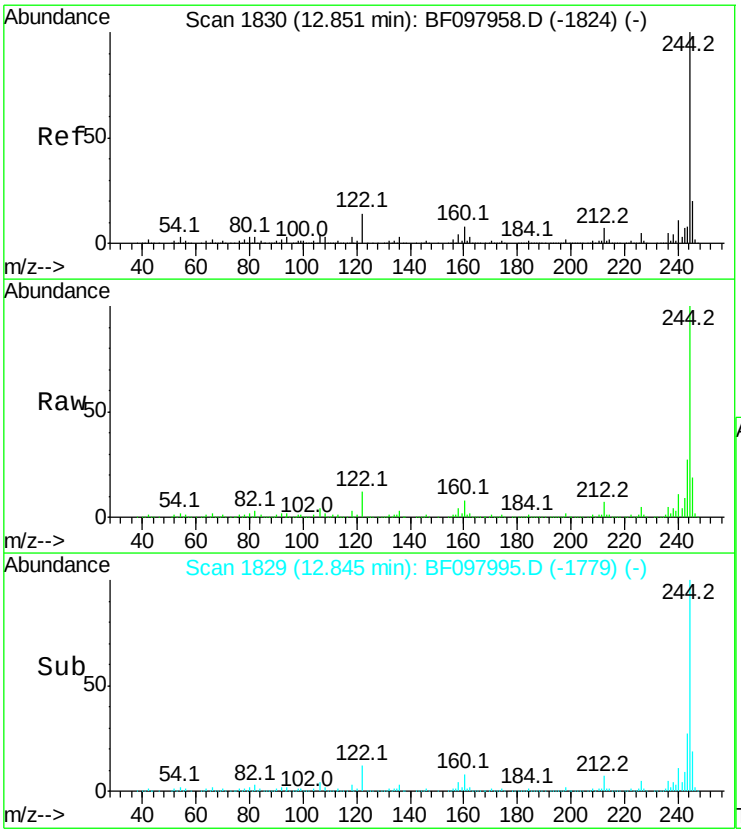
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 333879

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.8	8.8#
236	26.2	20.5	30.7

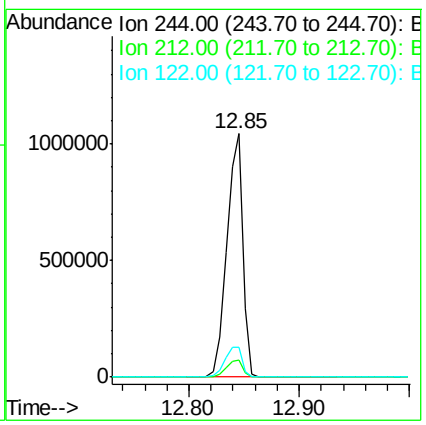


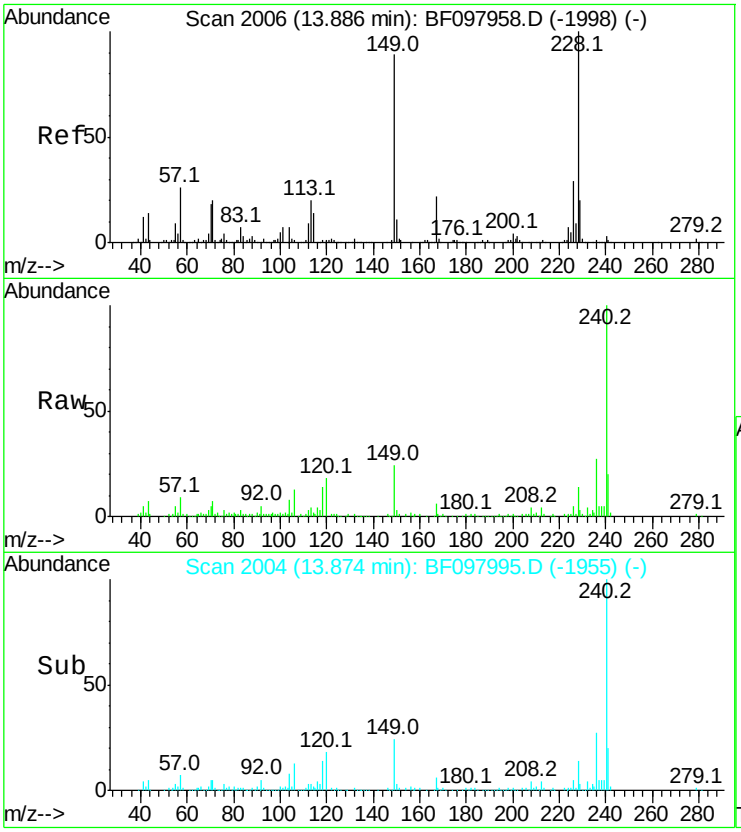


#78
Terphenyl-d14
Concen: 66.060 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:244 Resp: 1057676

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.3	10.3	15.5



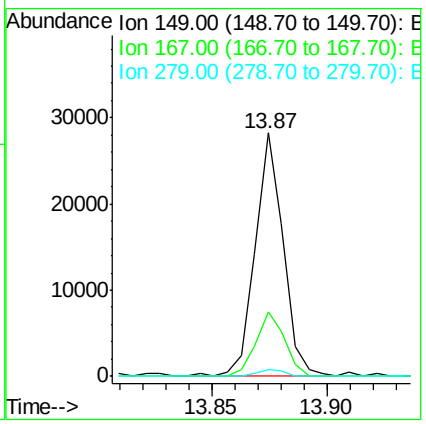


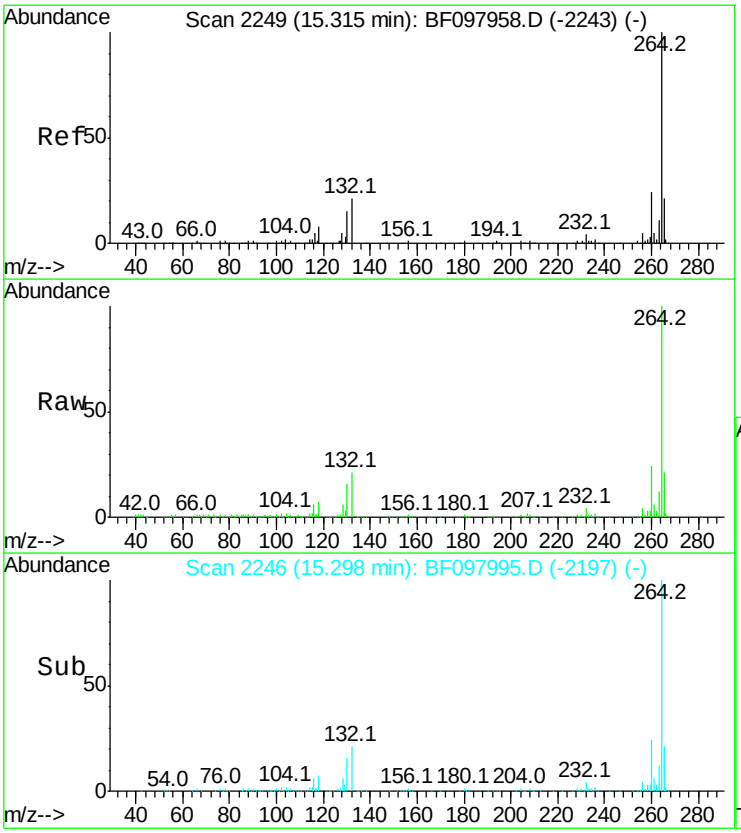
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.071 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 24027

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.9	1.9	2.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:264 Resp: 256043

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8