Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097885.D
Acq On : 19 Aug 2017 18:11
Operator : SJ/JU
Sample : I4659-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Time: Aug 21 02:41:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	126853	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	534711	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	247578	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	445765	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	259020	20.00	ng	-0.04
86) Perylene-d12	15.33	264	232570	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1251969	150.12	ng	-0.01
7) Phenol-d6	6.40	99	1714005	151.26	ng	0.00
23) Nitrobenzene-d5	7.33	82	1120957	113.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	326780	152.12	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1577645	93.62	ng	-0.02
78) Terphenyl-d14	12.87	244	1147585	92.39	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.92	79	18135	2.14	ng	# 36
19) n-Nitroso-di-n-propylamine	7.33	70	150676	19.42	ng	# 72
25) Isophorone	7.33	82	1116931	54.57	ng	# 67
49) Dimethylphthalate	9.51	163	238315	13.17	ng	99
56) 2,4-Dinitrotoluene	9.79	165	32809	7.24	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.59	198	994	8.71	ng	# 11
66) 4-Bromophenyl-phenylether	10.59	248	20957	4.53	ng	# 1
76) Benzidine	12.87	184	17302	2.04	ng	# 94

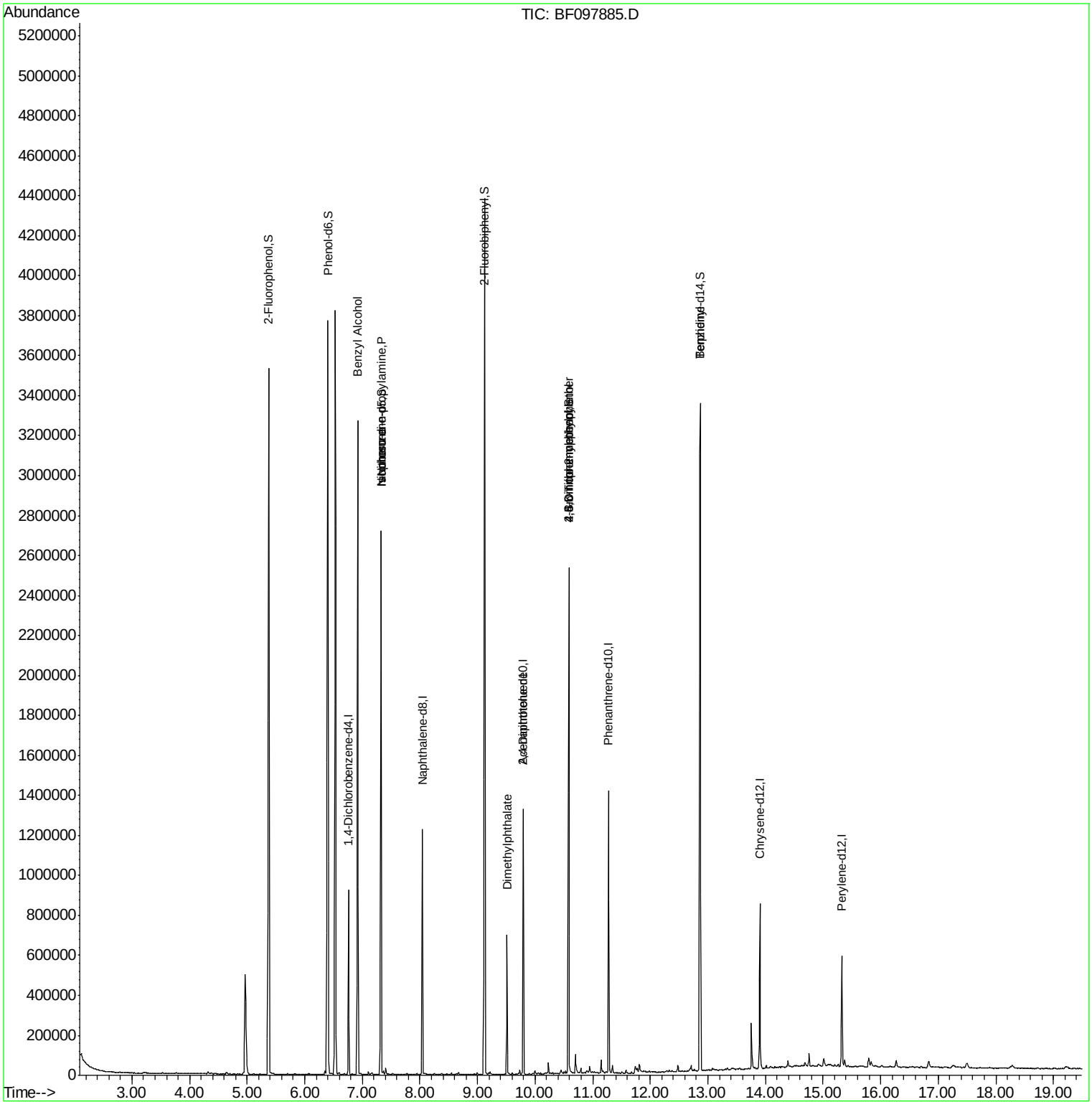
(#) = qualifier out of range (m) = manual integration (+) = signals summed

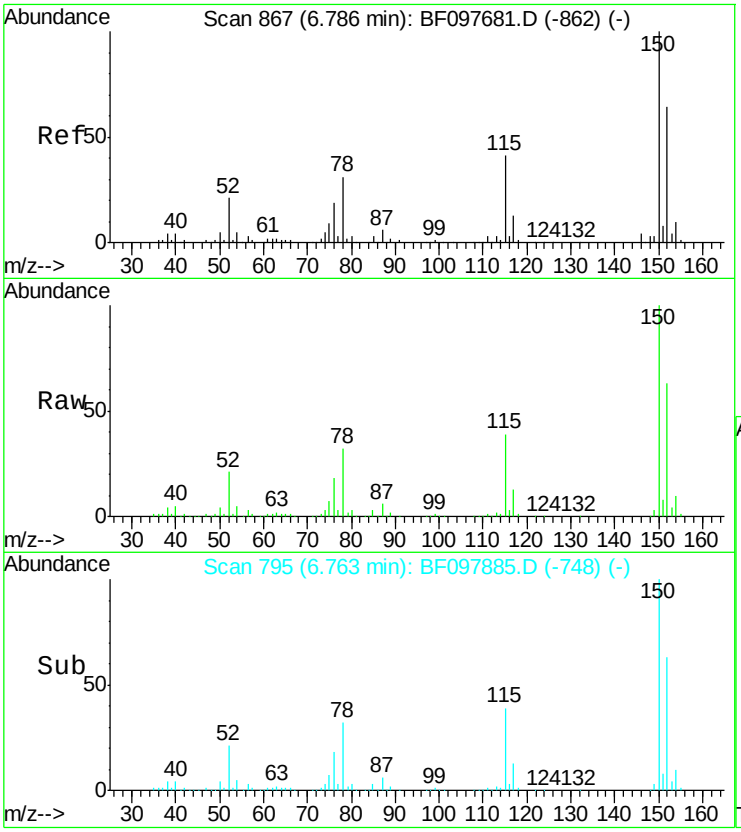
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097885.D
Acq On : 19 Aug 2017 18:11
Operator : SJ/JU
Sample : I4659-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Time: Aug 21 02:41:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



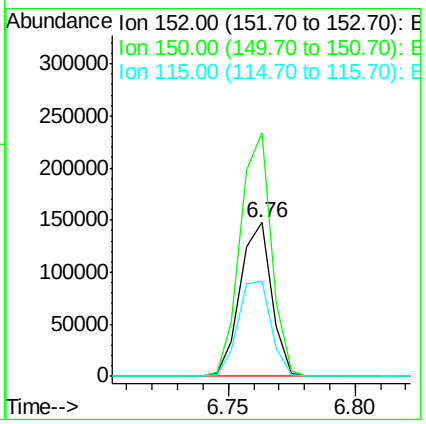


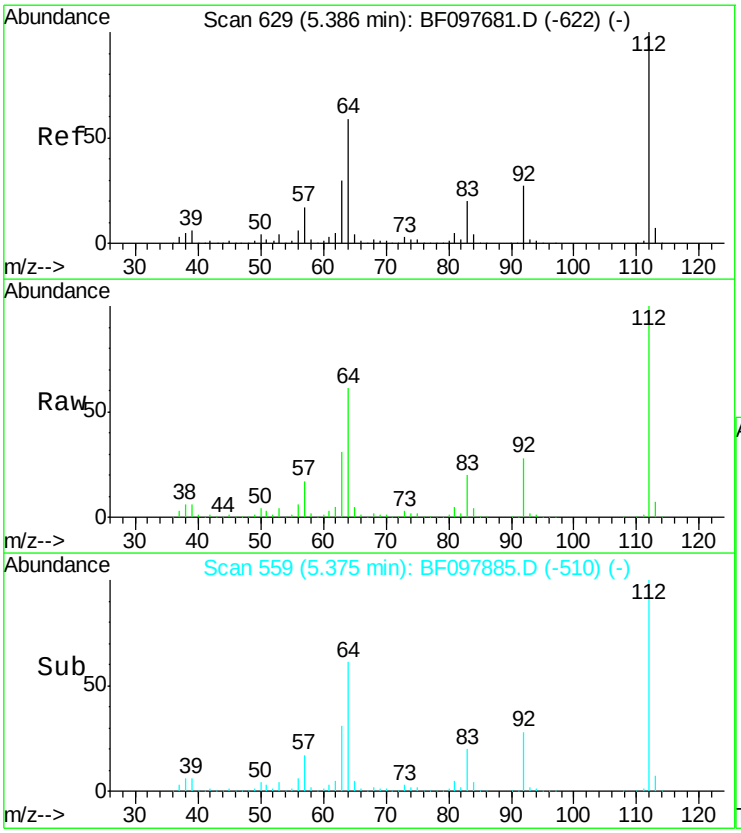
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 126853

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	62.4	52.2	78.2

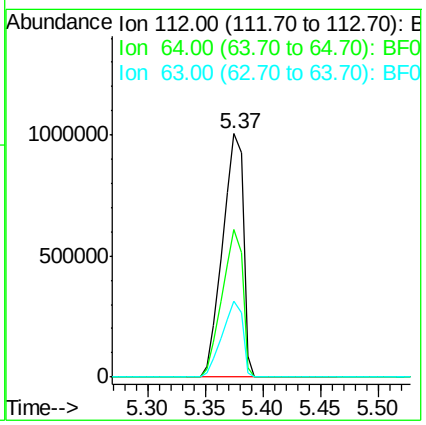


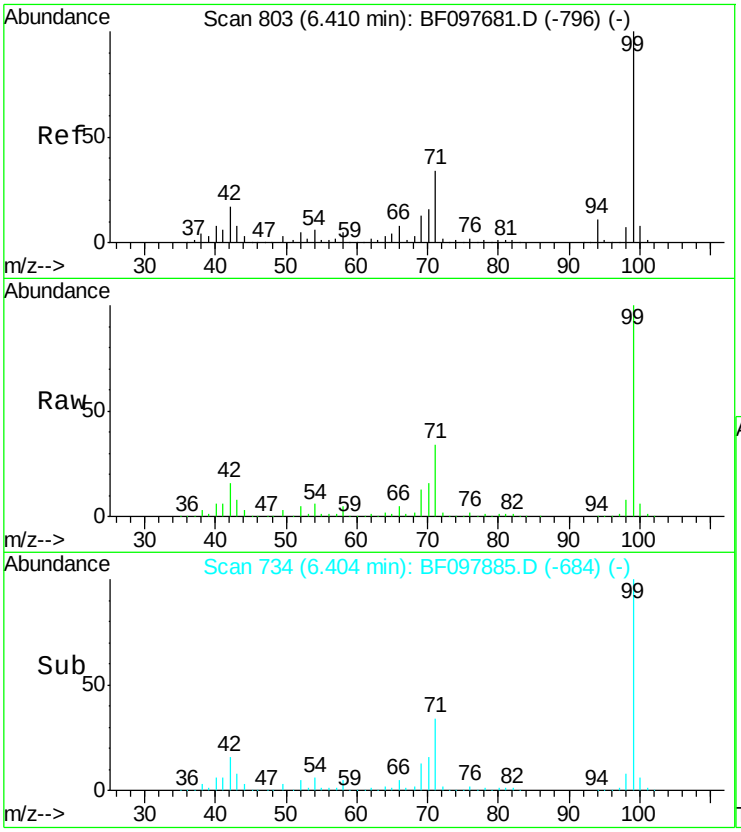


#5
2-Fluorophenol
Concen: 150.12 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion:112 Resp: 1251969

Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.0	69.0
63	31.0	23.4	35.0



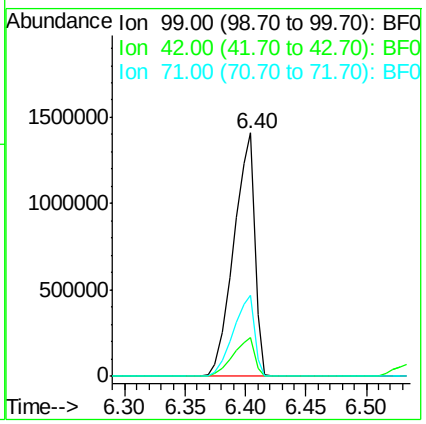


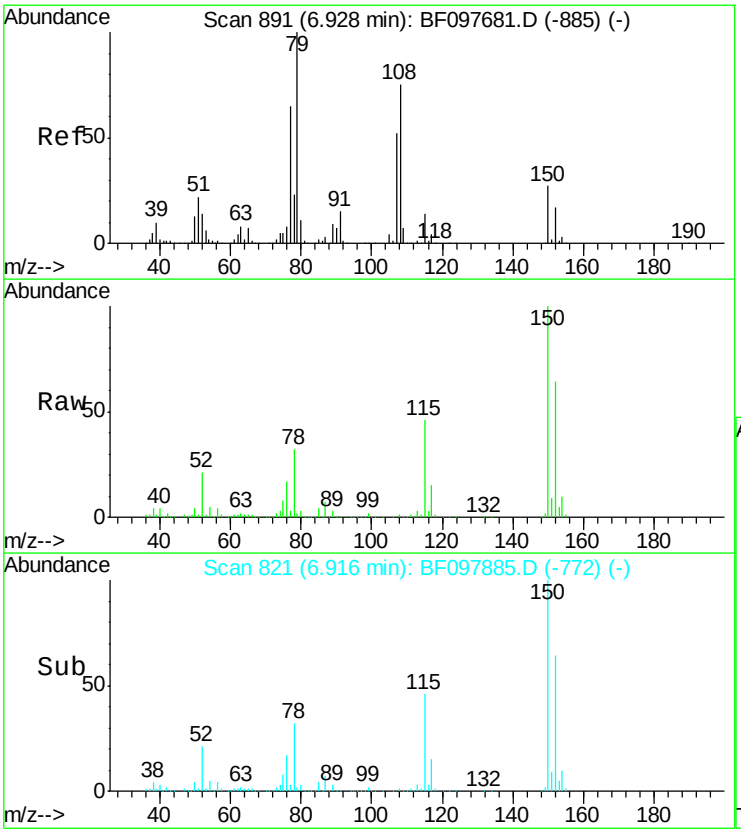
#7
Phenol-d6
Concen: 151.26 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 1714005

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	33.5	24.5	36.7

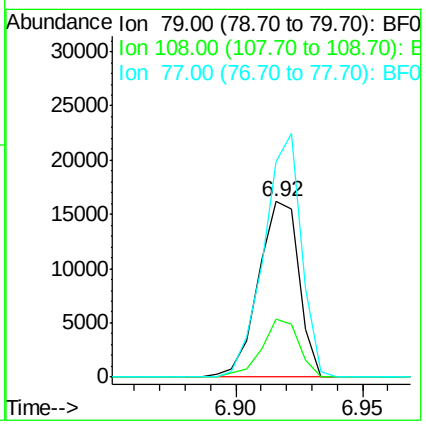


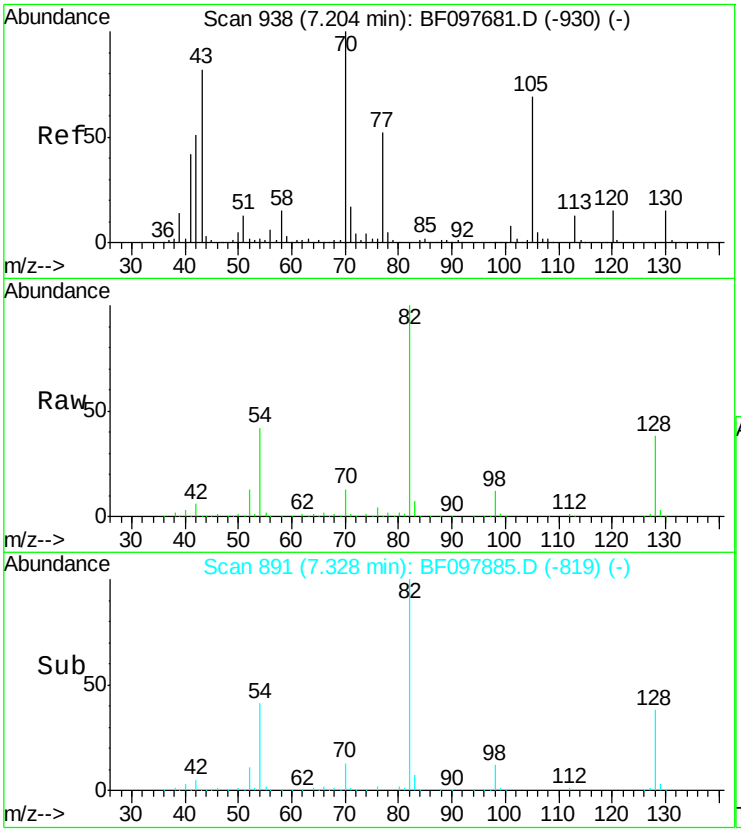


#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion: 79 Resp: 18135

Ion	Ratio	Lower	Upper
79	100		
108	33.4	63.4	95.0#
77	122.7	49.2	73.8#



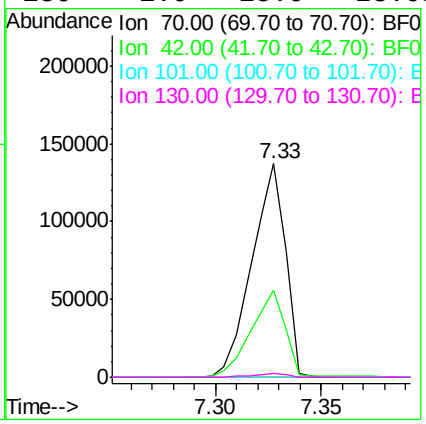


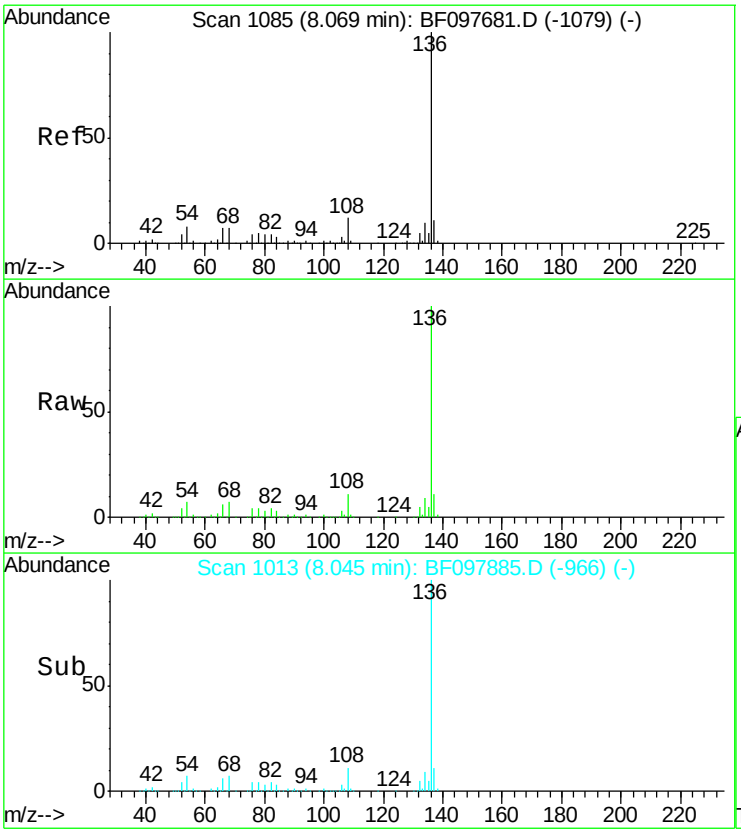
#19
n-Nitroso-di-n-propylamine
Concen: 19.42 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.12 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 70 Resp: 150676

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

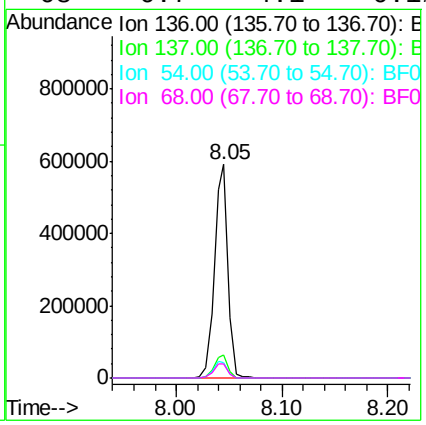


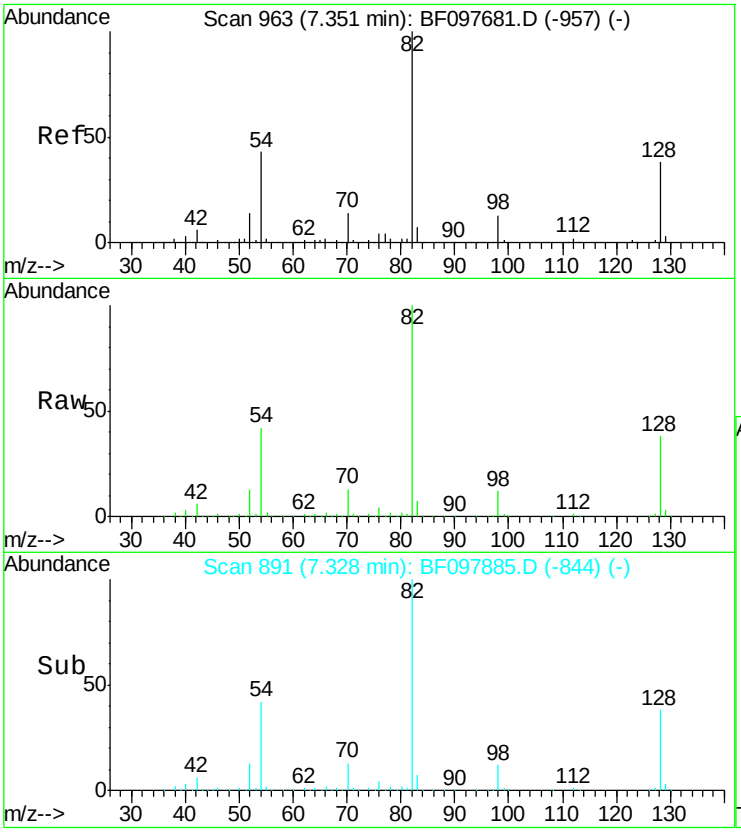


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion:136 Resp: 534711

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	6.7	4.1	6.1#



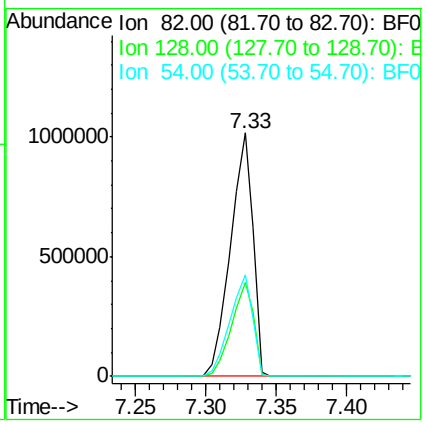


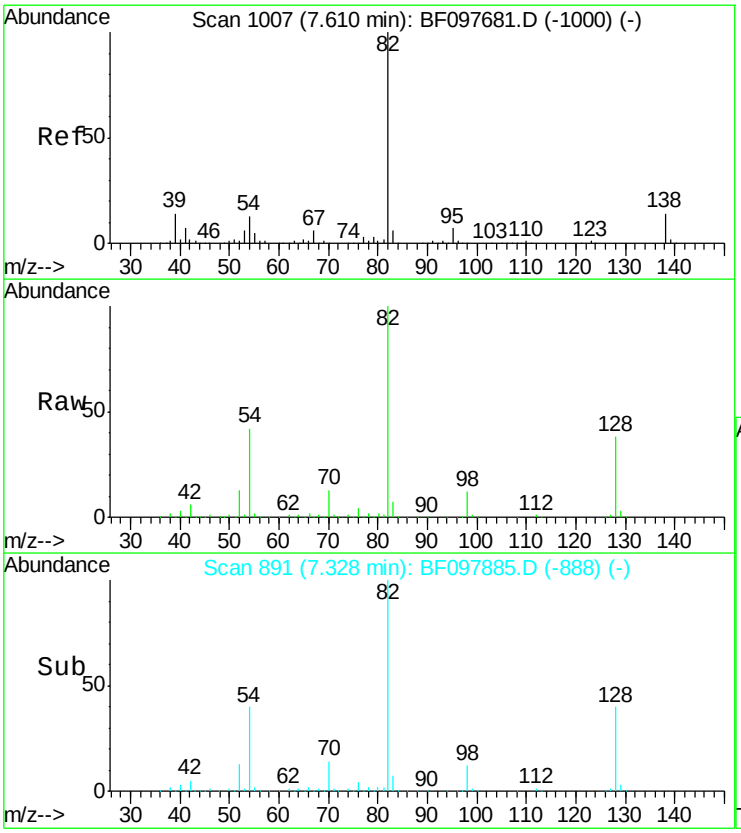
#23
Nitrobenzene-d5
Concen: 113.88 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 82 Resp: 1120957

Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.0	51.0
54	41.6	42.2	63.2#

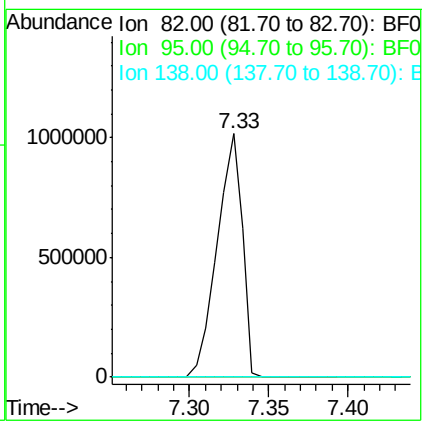


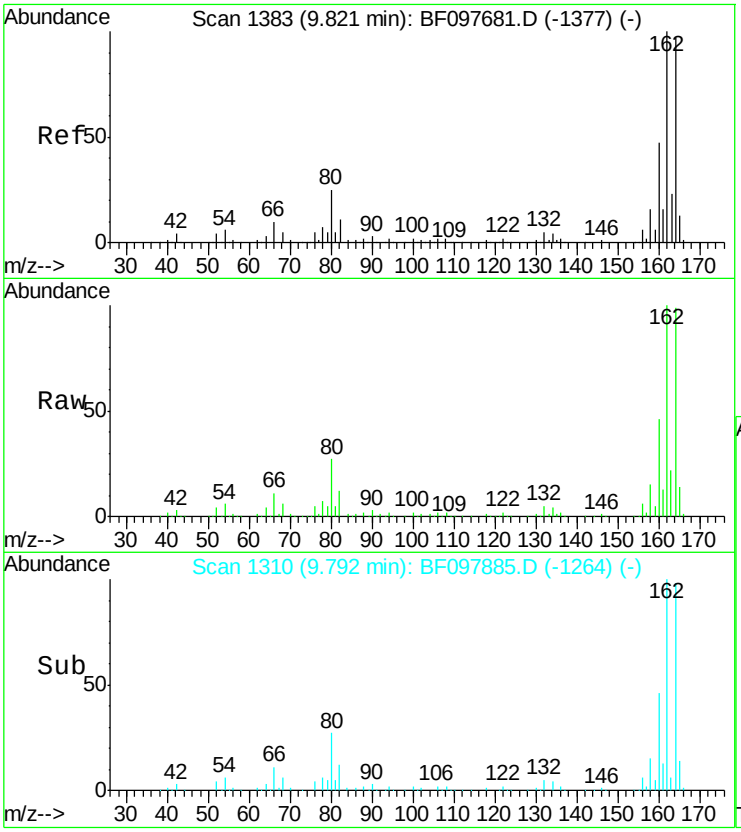


#25
Isophorone
Concen: 54.57 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.28 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion: 82 Resp: 1116931

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



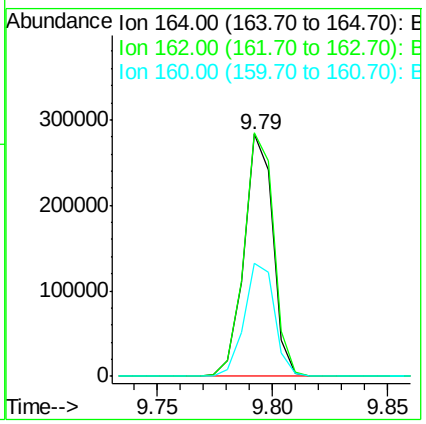


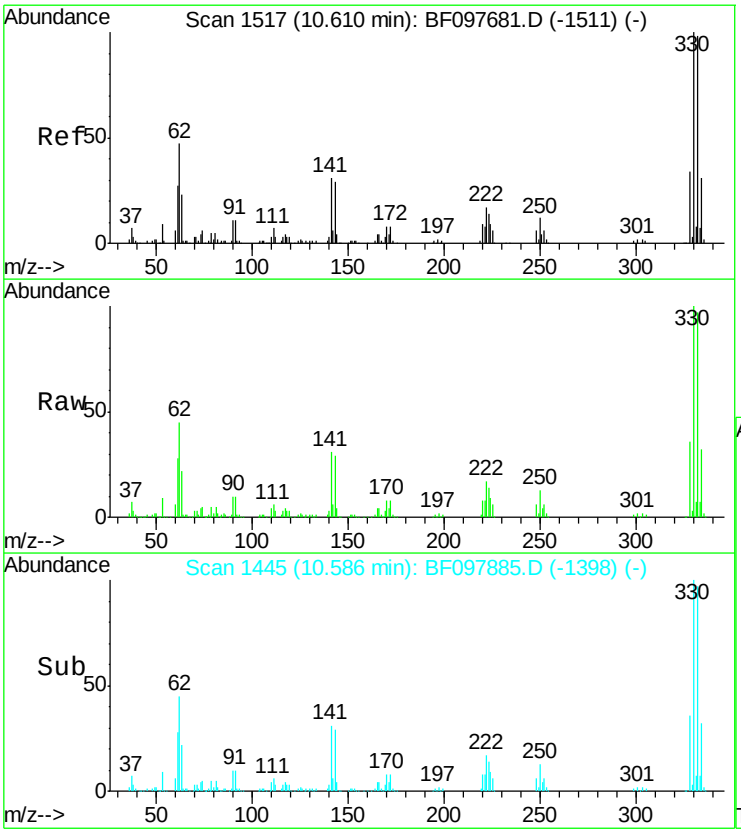
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:164 Resp: 247578

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	46.7	36.2	54.2

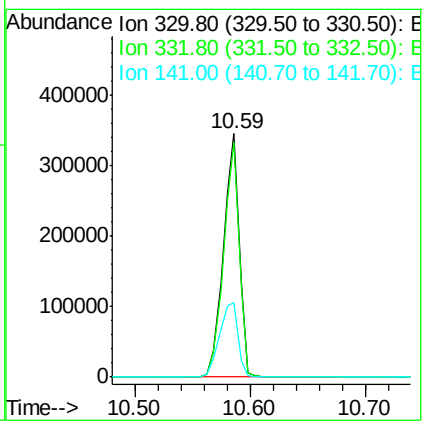


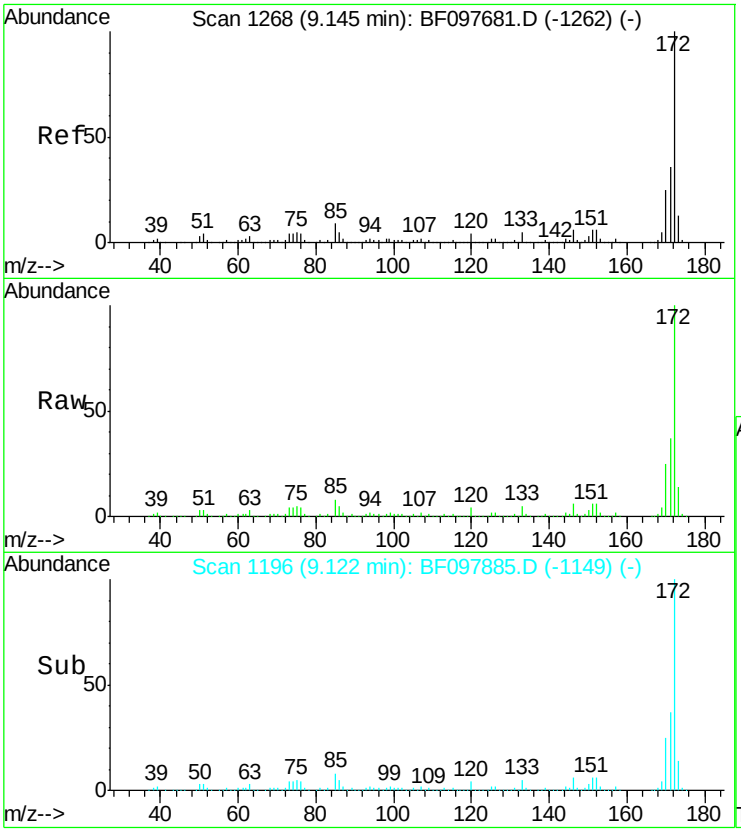


#41
2,4,6-Tribromophenol
Concen: 152.12 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion:330 Resp: 326780

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	35.9	31.4	47.2



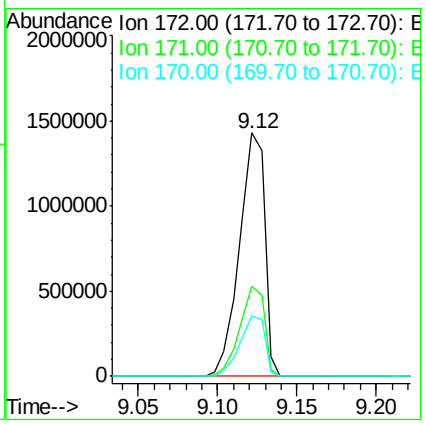


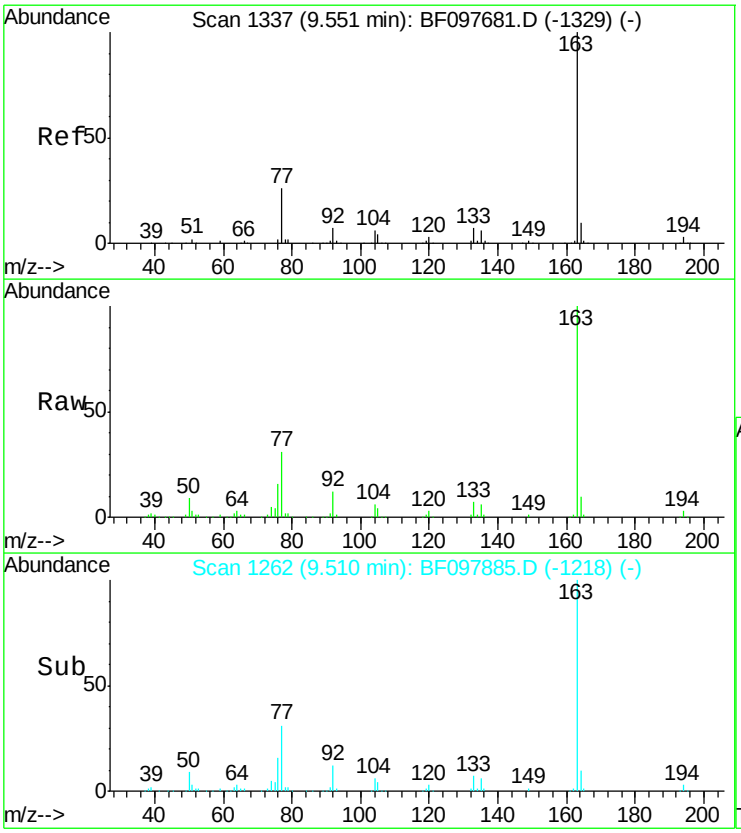
#44
2-Fluorobiphenyl
Concen: 93.62 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:172 Resp: 1577645

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.8	19.8	29.8

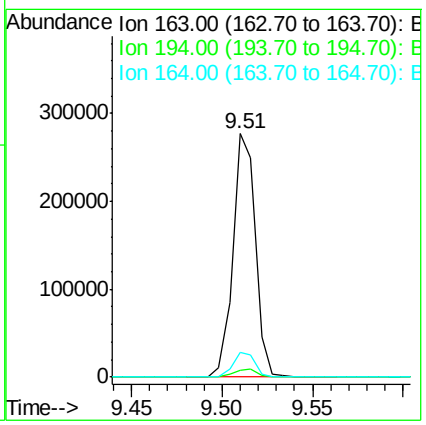


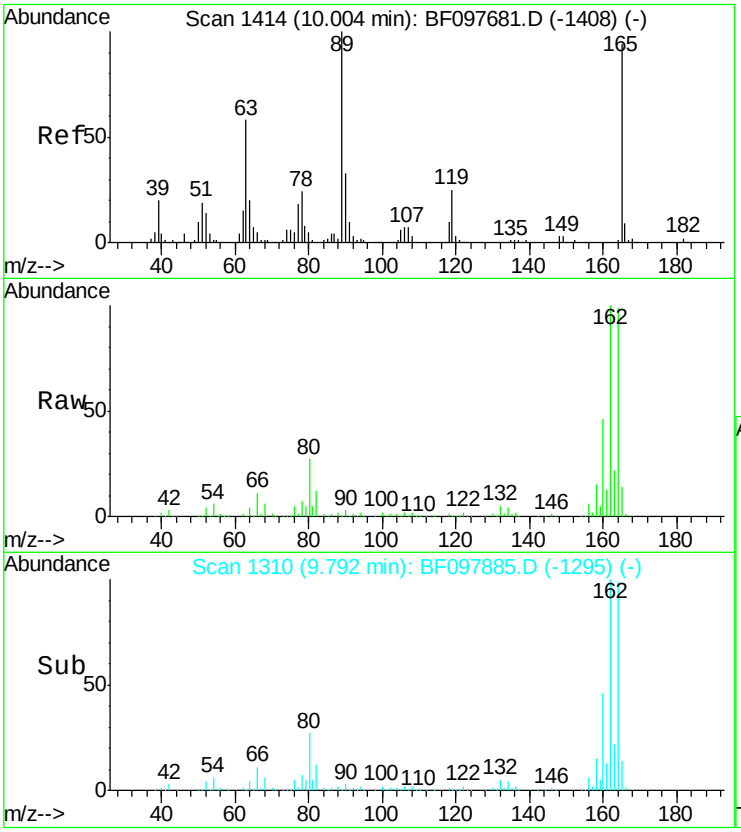


#49
Dimethylphthalate
Concen: 13.17 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion:163 Resp: 238315

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.3	8.4	12.6



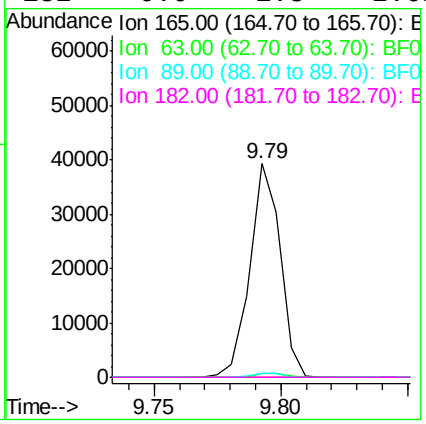


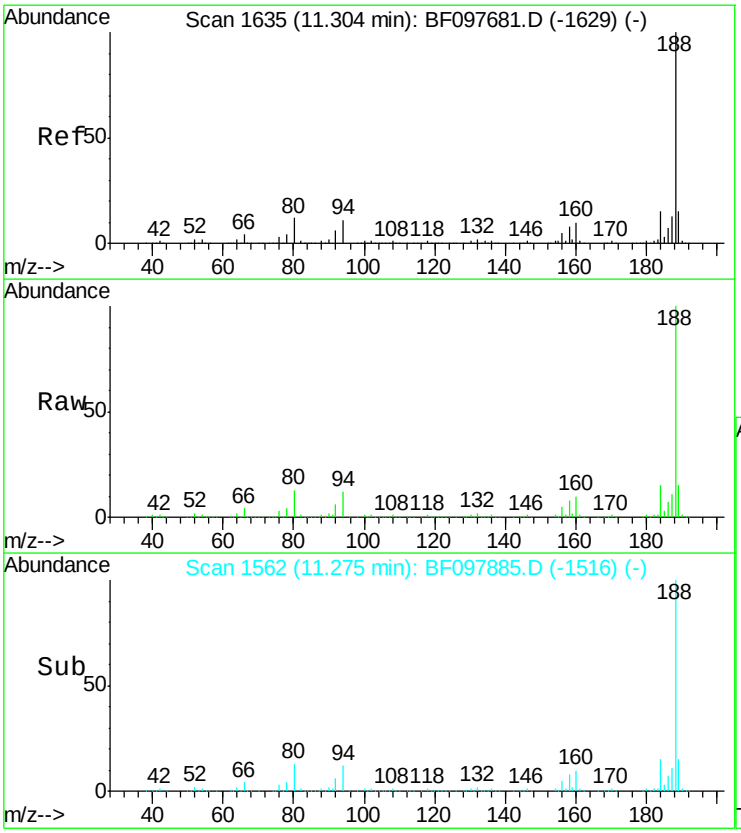
#56
2,4-Dinitrotoluene
Concen: 7.24 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:165 Resp: 32809

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

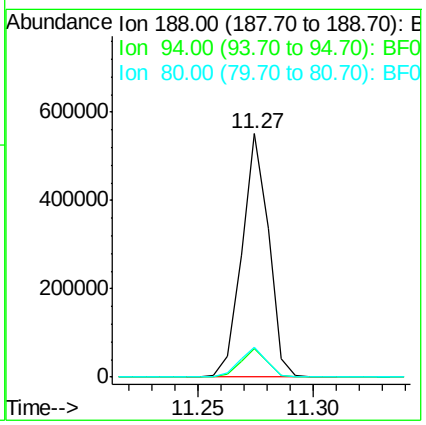


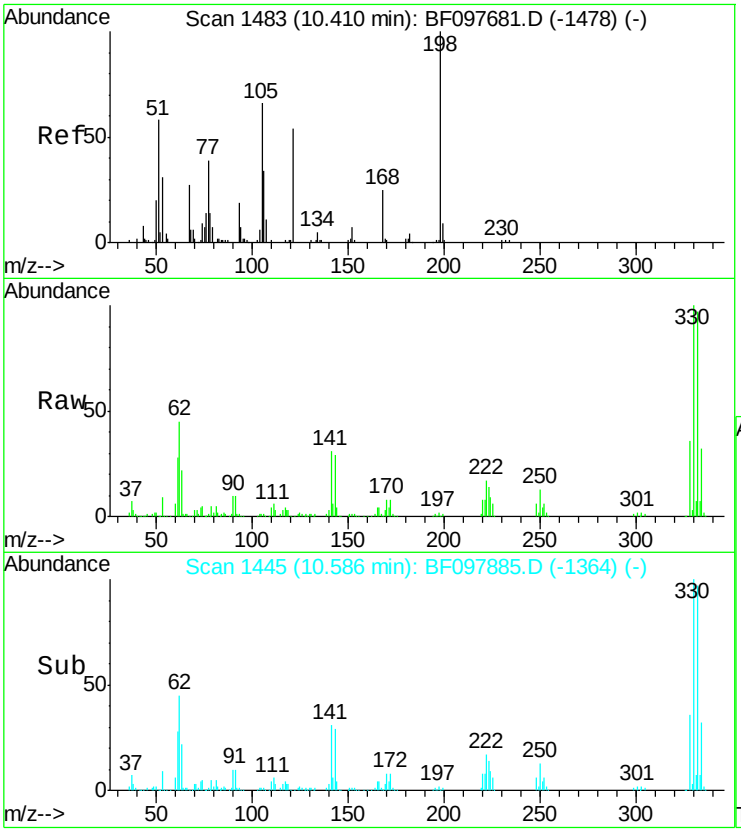


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion:188 Resp: 445765

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.5	10.2	15.2



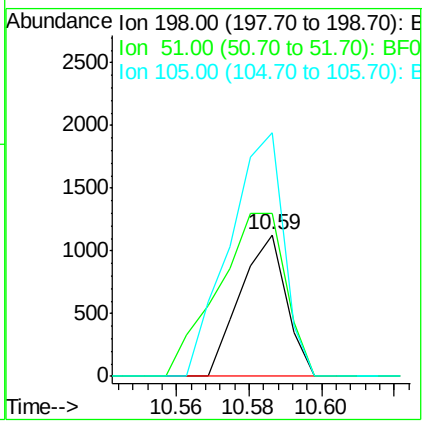


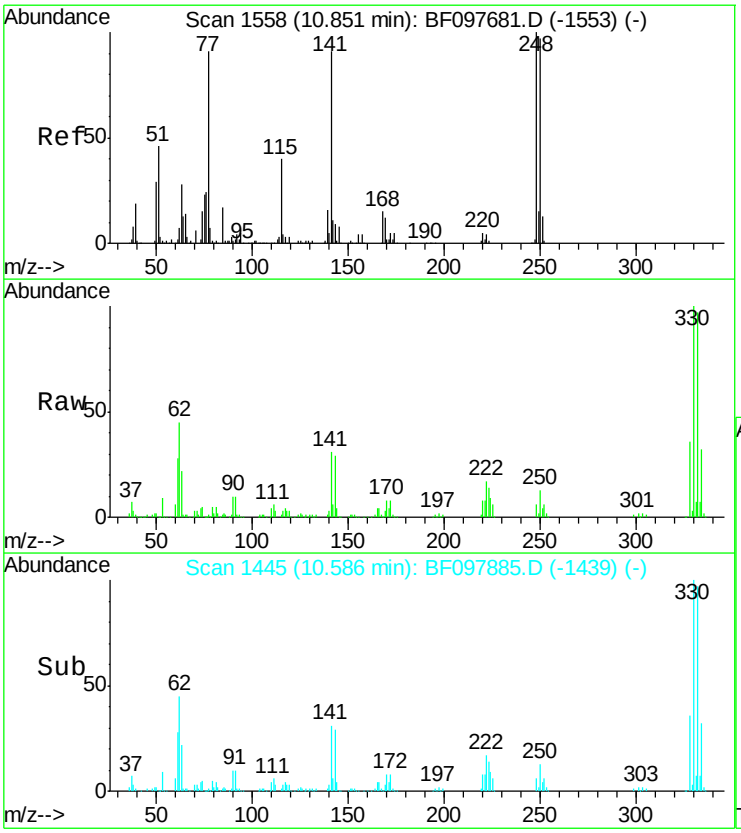
#64
4,6-Dinitro-2-methylphenol
Concen: 8.71 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.18 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:198 Resp: 994

Ion	Ratio	Lower	Upper
198	100		
51	115.0	53.2	93.2#
105	171.9	45.8	85.8#

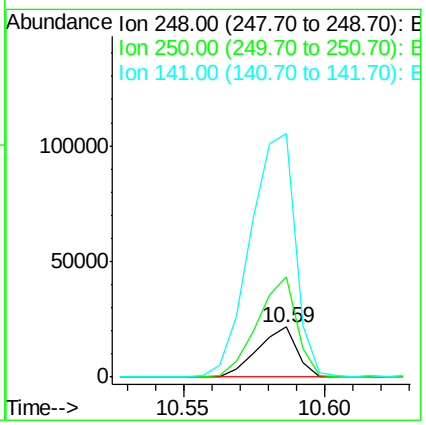


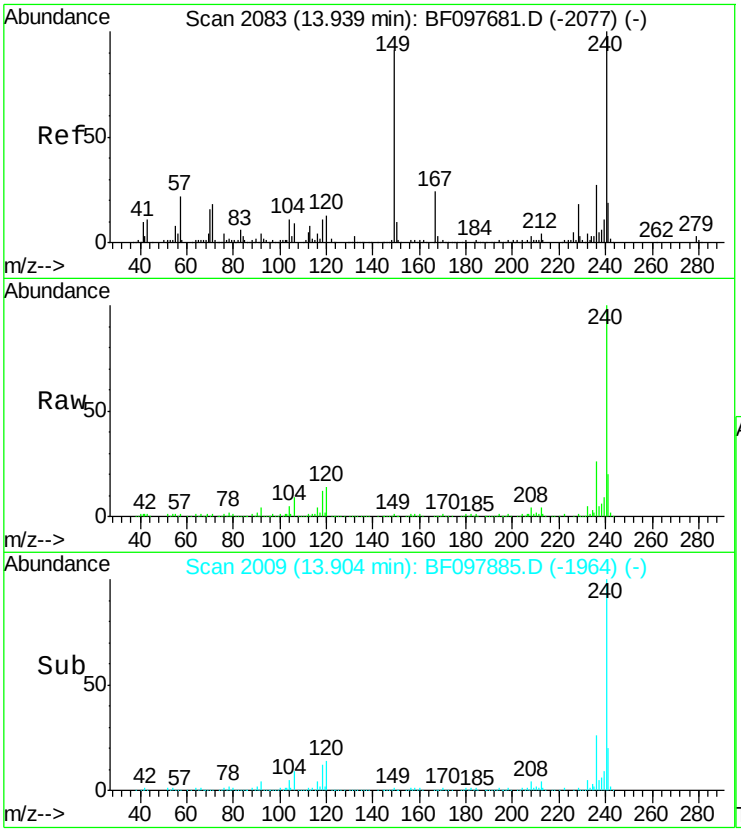


#66
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.26 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion:248 Resp: 20957

Ion	Ratio	Lower	Upper
248	100		
250	201.2	76.8	115.2#
141	489.0	68.6	103.0#



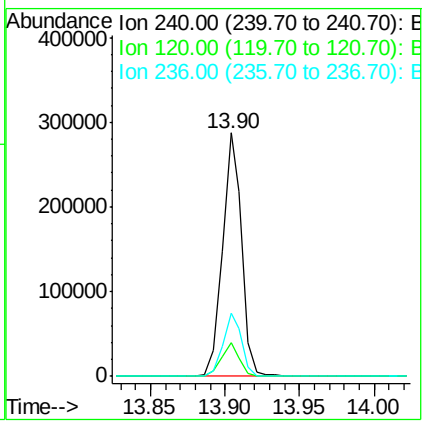


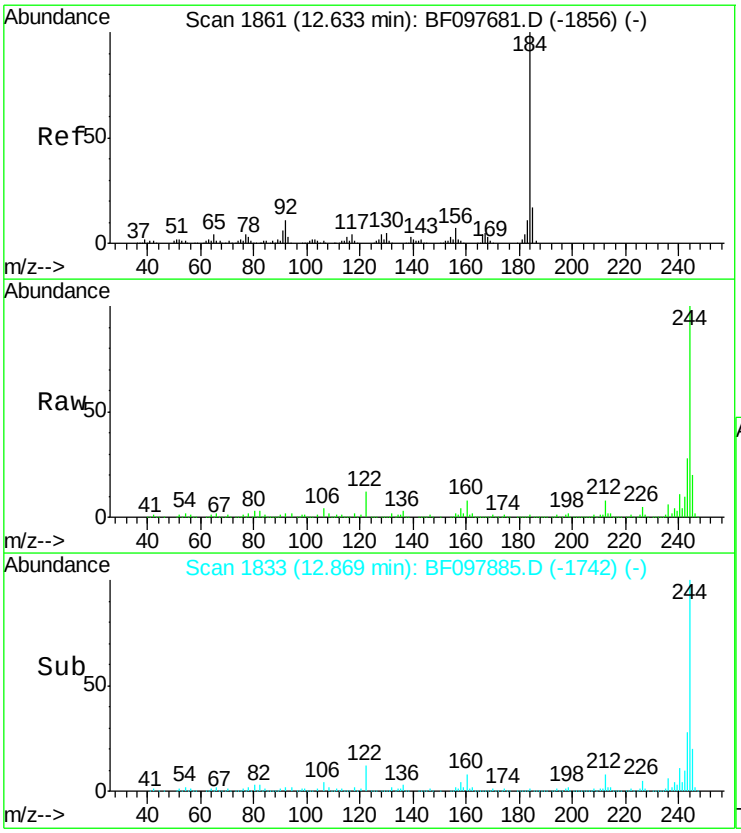
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.04 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:240 Resp: 259020

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.1	20.5	30.7

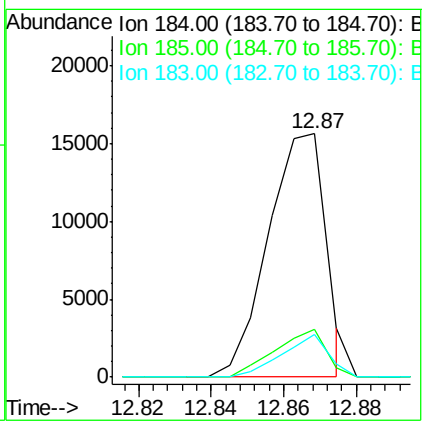


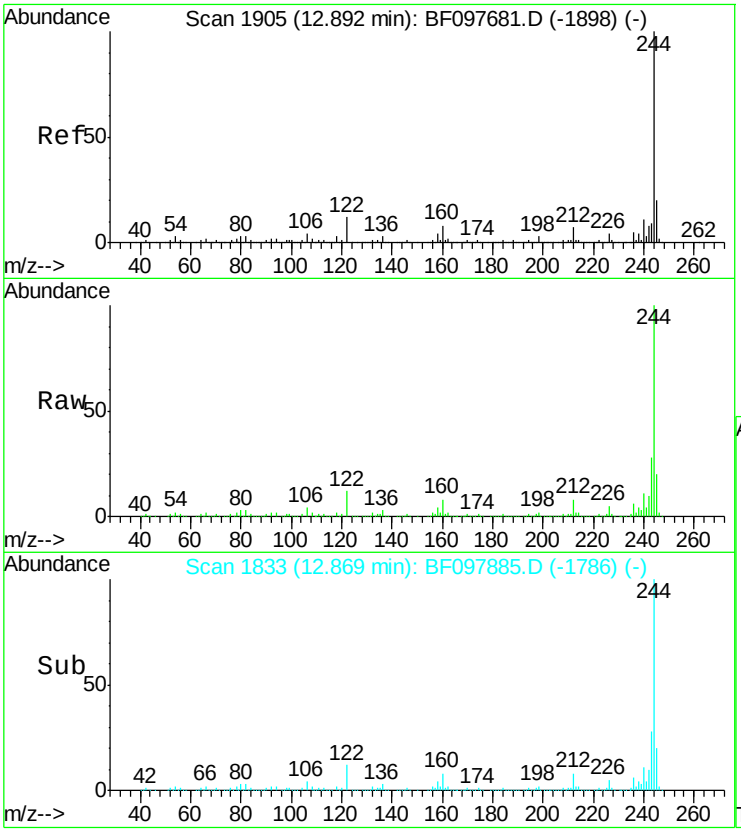


#76
Benzidine
Concen: 2.04 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.24 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion:184 Resp: 17302

Ion	Ratio	Lower	Upper
184	100		
185	19.9	15.5	23.3
183	17.7	9.8	14.6#



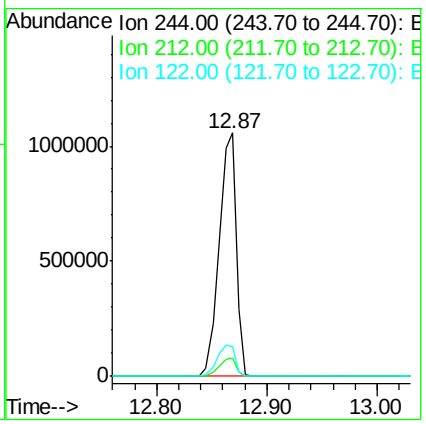


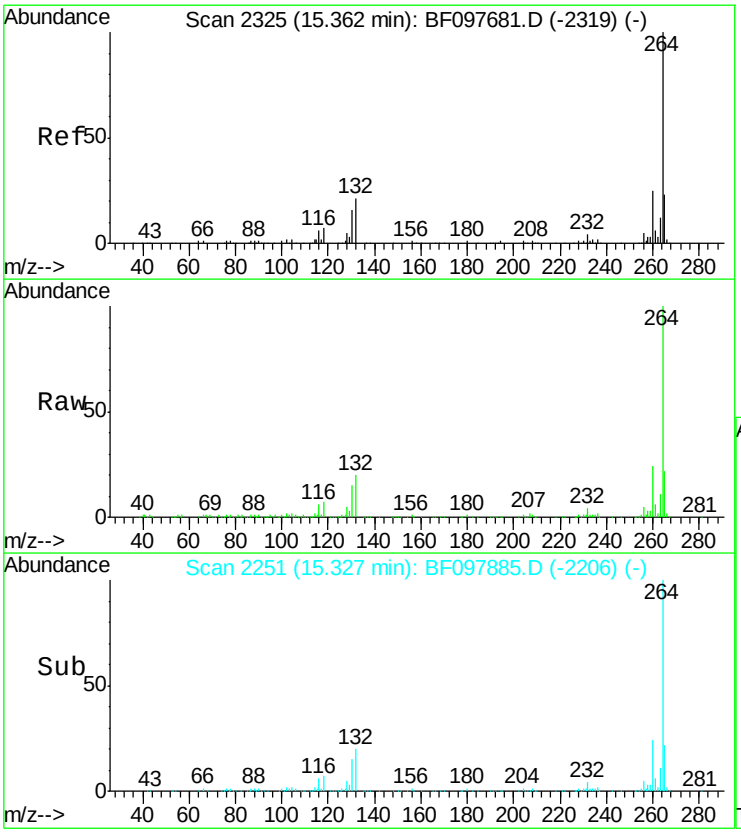
#78
Terphenyl-d14
Concen: 92.39 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:244 Resp: 1147585

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.1	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.04 min
Lab File: BF097885.D
Acq: 19 Aug 2017 18:11

Tgt Ion:264 Resp: 232570

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.0	17.2	25.8