Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098078.D
Acq On : 28 Aug 2017 20:51
Operator : SJ/JU
Sample : I4923-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB04-GW

Quant Time: Aug 29 07:51:16 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	118839	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	475931	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	212250	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	427277	20.00	ng	0.00
75) Chrysene-d12	13.89	240	390208	20.00	ng	0.00
86) Perylene-d12	15.32	264	327885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	277679	35.54	ng	-0.01
7) Phenol-d6	6.37	99	221041	20.82	ng	-0.02
23) Nitrobenzene-d5	7.30	82	796000	90.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	172985	93.93	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1166352	80.74	ng	0.00
78) Terphenyl-d14	12.84	244	1092790	58.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	13747	2.045	ng	# 65
19) n-Nitroso-di-n-propylamine	7.30	70	107115	14.740	ng	# 71
25) Isophorone	7.30	82	788134	43.264	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	27090	8.747	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	27090	6.970	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	428	8.496	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	11462	2.583	ng	# 1

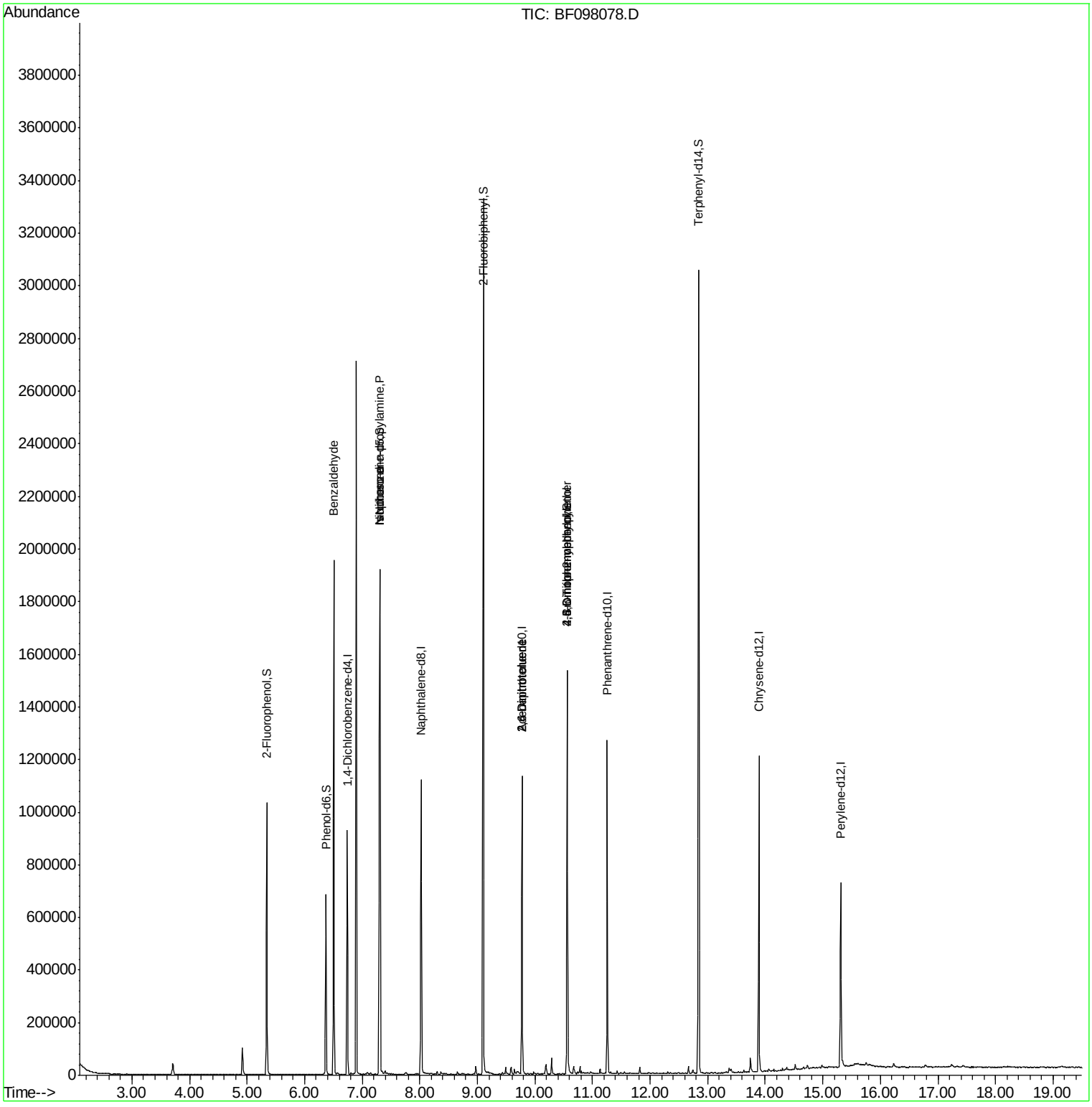
(#) = qualifier out of range (m) = manual integration (+) = signals summed

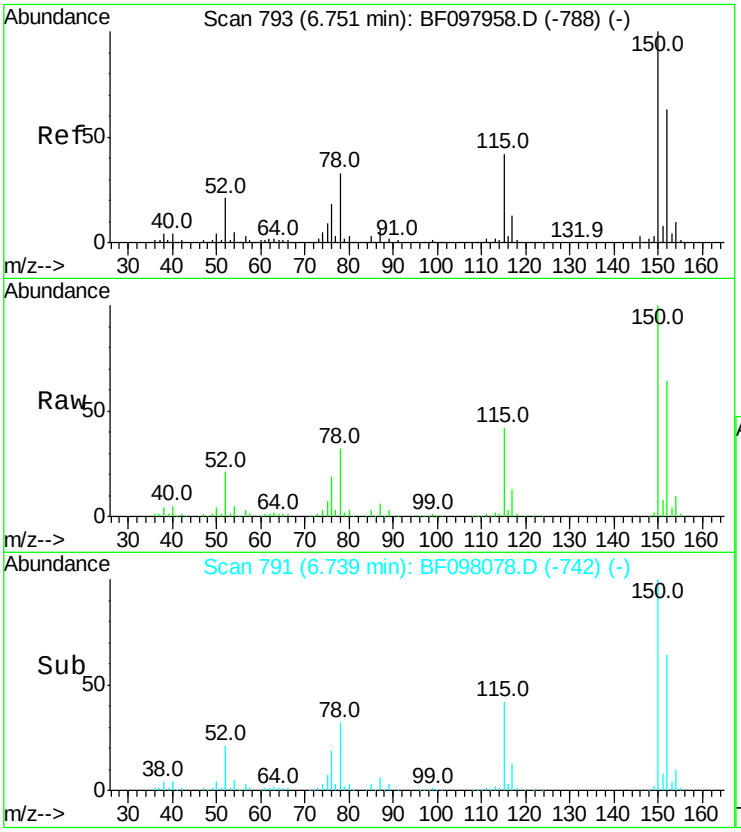
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098078.D
Acq On : 28 Aug 2017 20:51
Operator : SJ/JU
Sample : I4923-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Quant Time: Aug 29 07:51:16 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



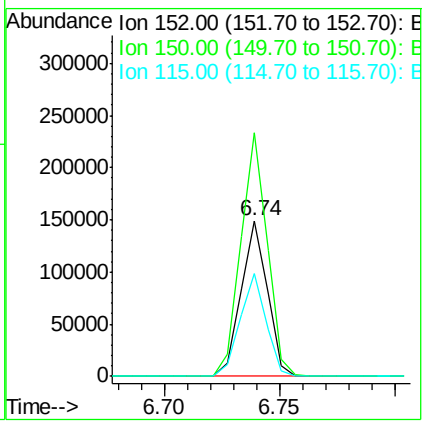


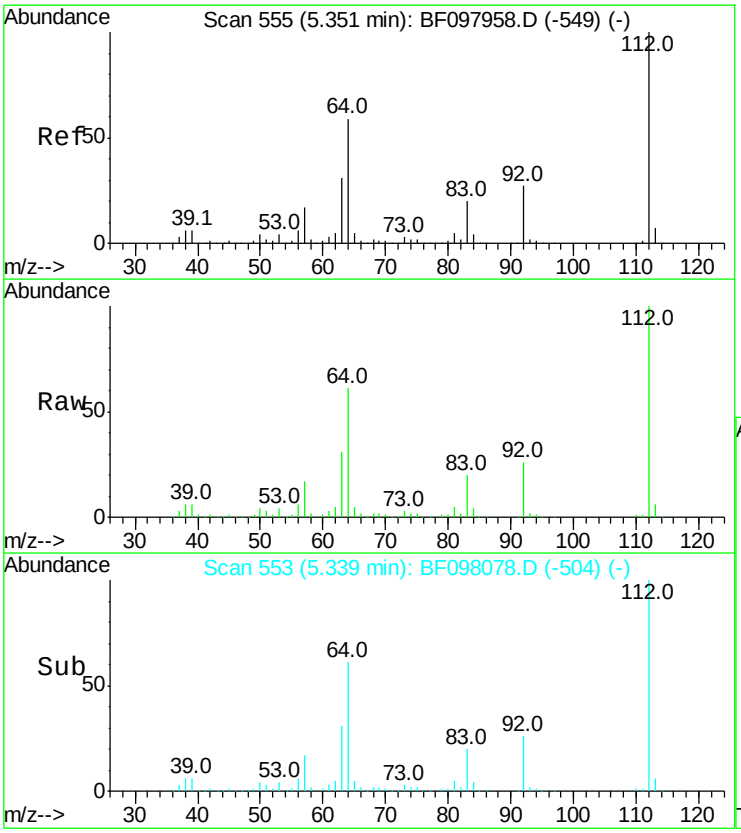
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion:152 Resp: 118839

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	66.5	52.2	78.2

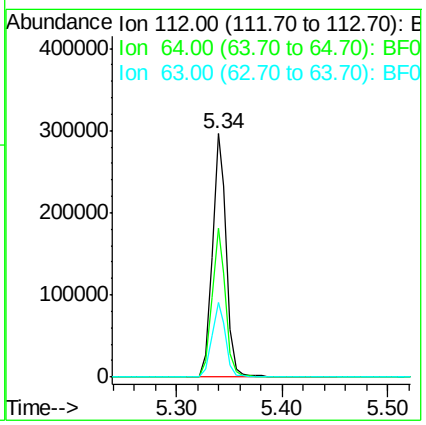


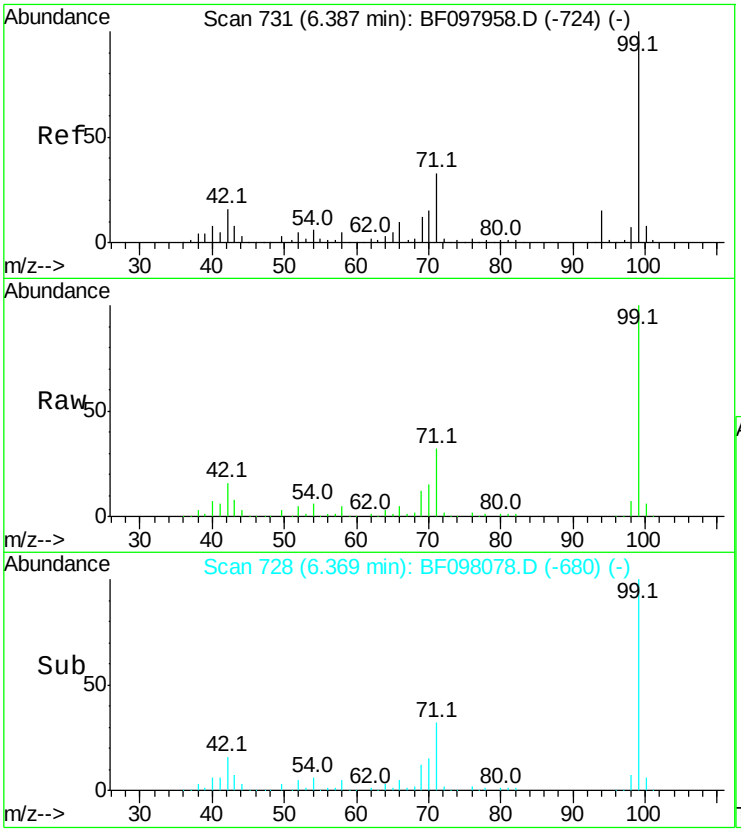


#5
2-Fluorophenol
Concen: 35.541 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Tgt Ion:112 Resp: 277679

Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.0	69.0
63	30.8	23.4	35.0



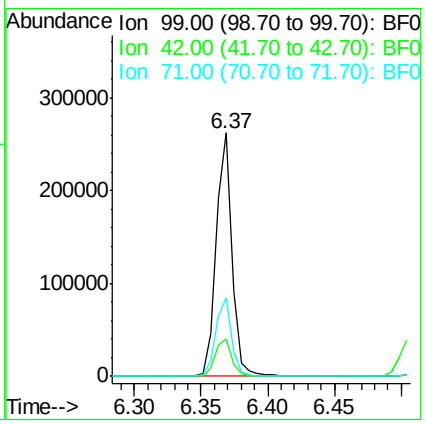


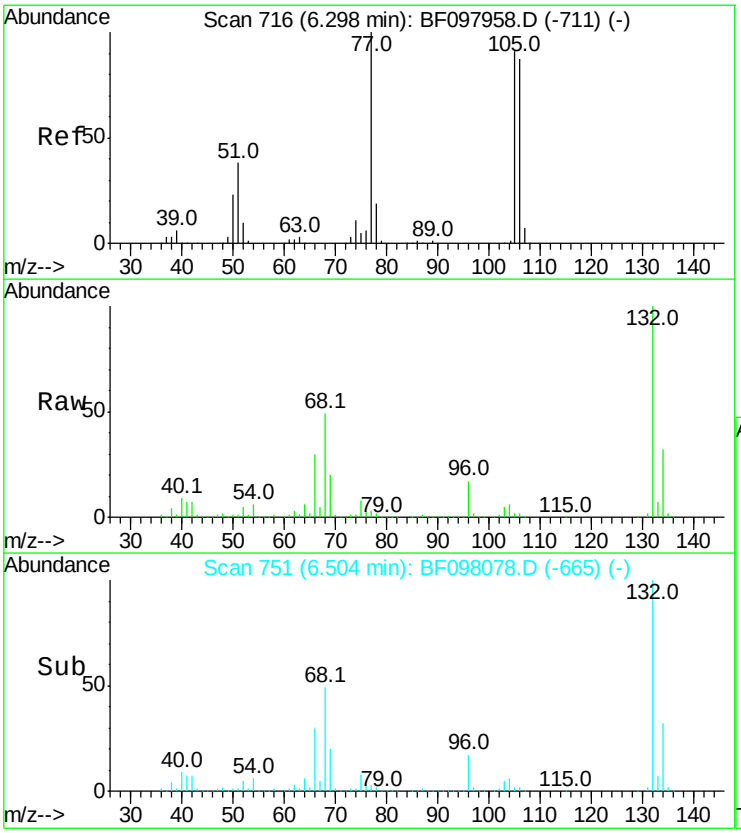
#7
Phenol-d6
Concen: 20.823 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion: 99 Resp: 221041

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	32.2	24.5	36.7

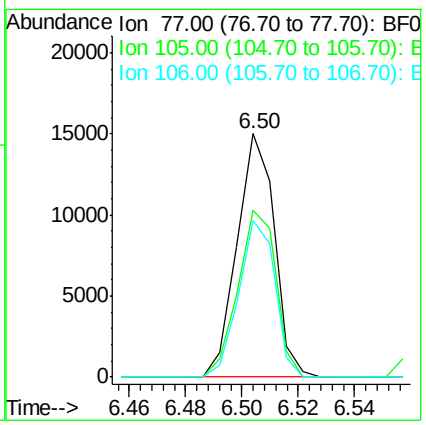


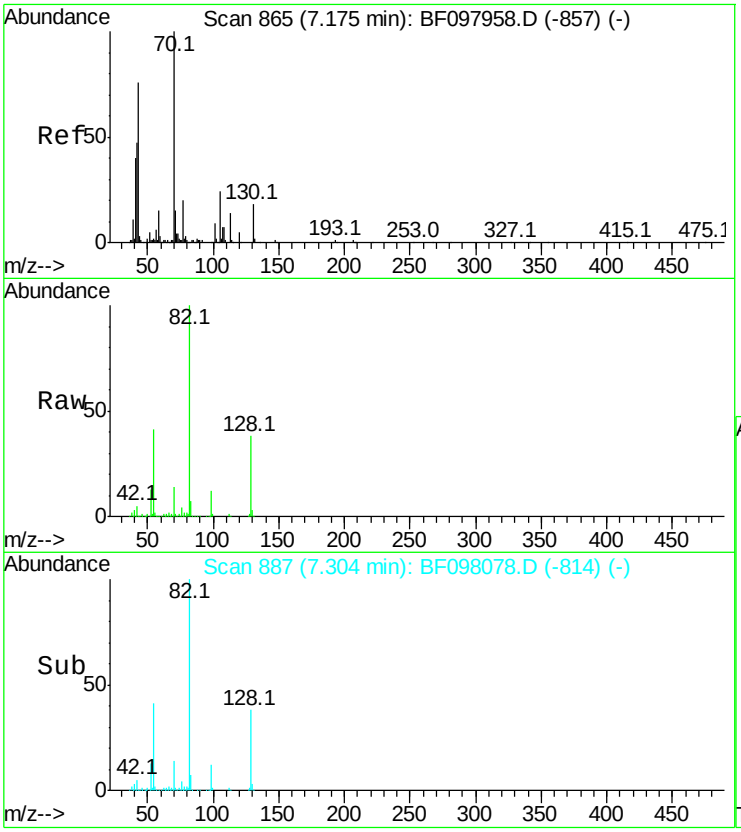


#9
Benzaldehyde
Concen: 2.045 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.21 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Tgt Ion: 77 Resp: 13747

Ion	Ratio	Lower	Upper
77	100		
105	68.6	83.8	123.8#
106	64.4	79.1	119.1#



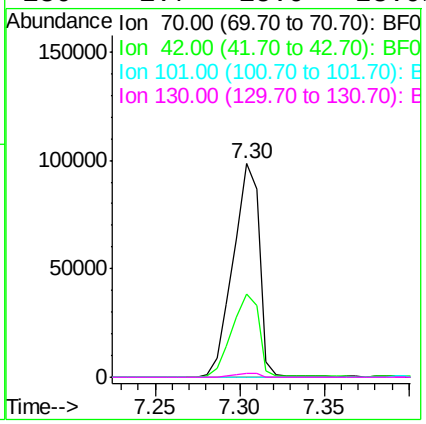


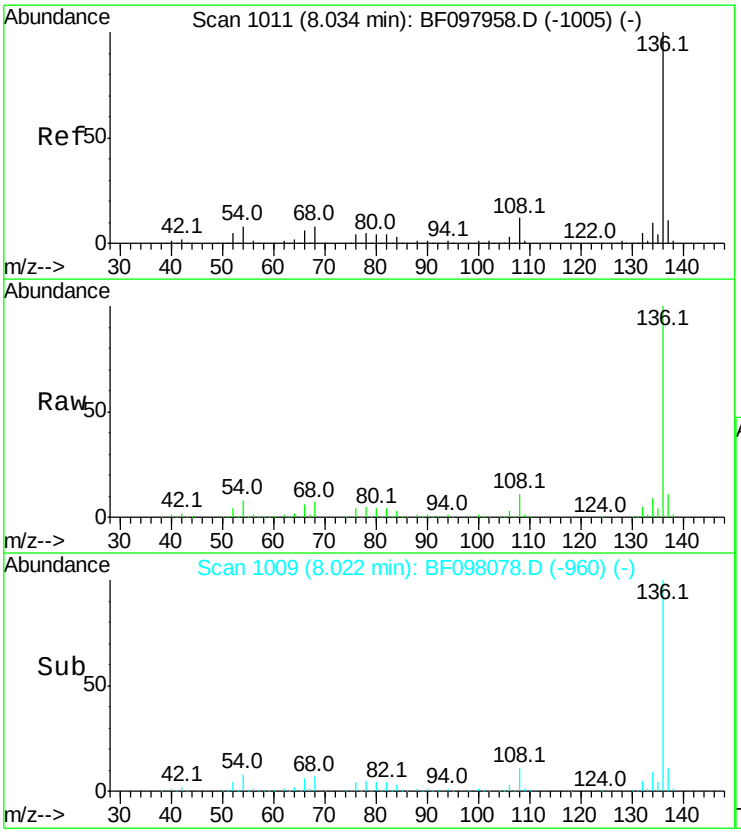
#19
n-Nitroso-di-n-propylamine
Concen: 14.740 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion: 70 Resp: 107115

Ion	Ratio	Lower	Upper
70	100		
42	38.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#

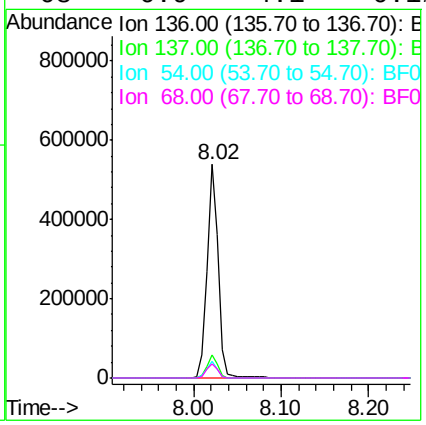


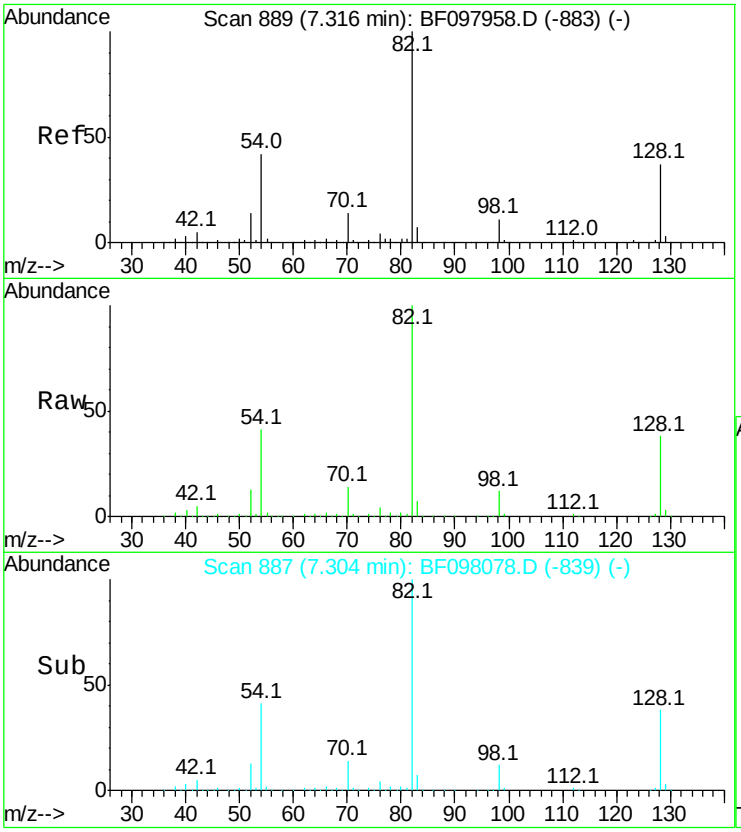


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Tgt Ion:136 Resp: 475931

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.6	4.9	7.3#
68	6.9	4.1	6.1#



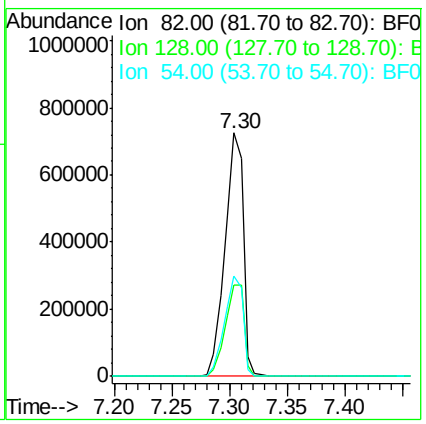


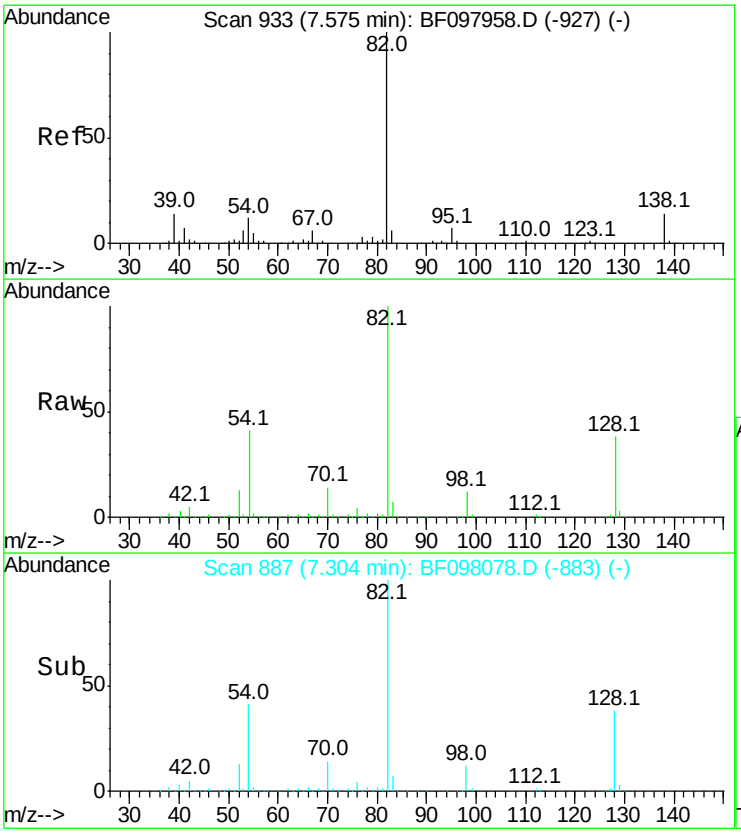
#23
Nitrobenzene-d5
Concen: 90.858 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion: 82 Resp: 796000

Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.0	51.0
54	41.4	42.2	63.2#

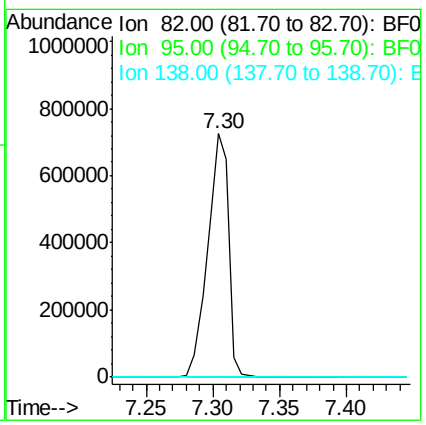


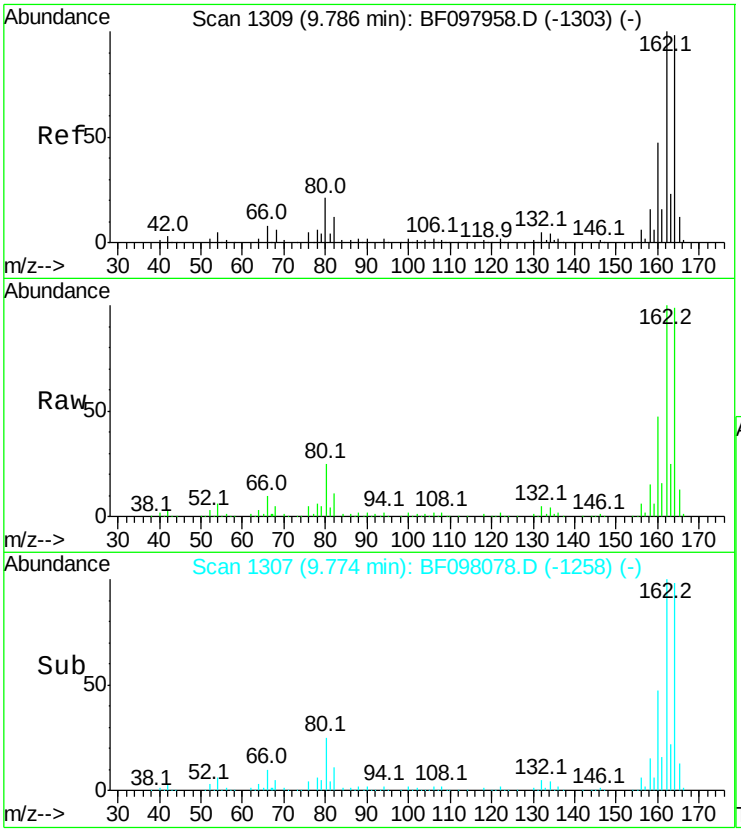


#25
Isophorone
Concen: 43.264 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Tgt Ion: 82 Resp: 788134

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



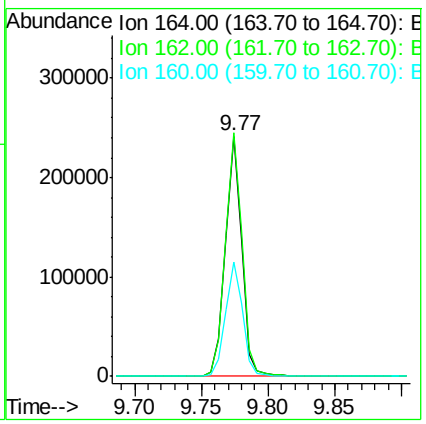


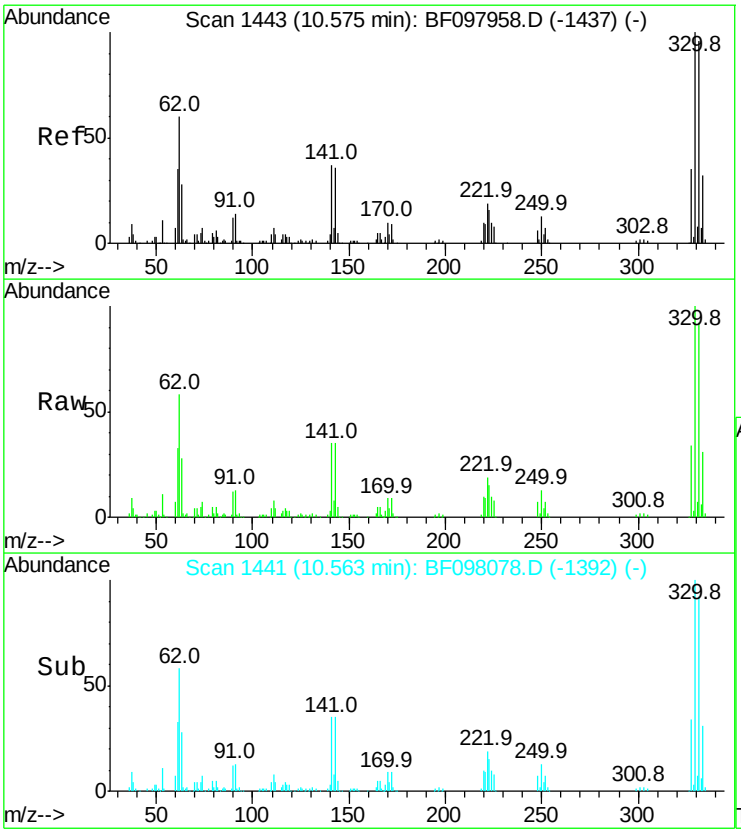
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion:164 Resp: 212250

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	47.7	36.2	54.2

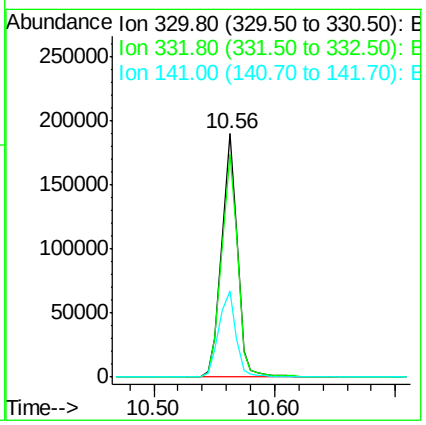


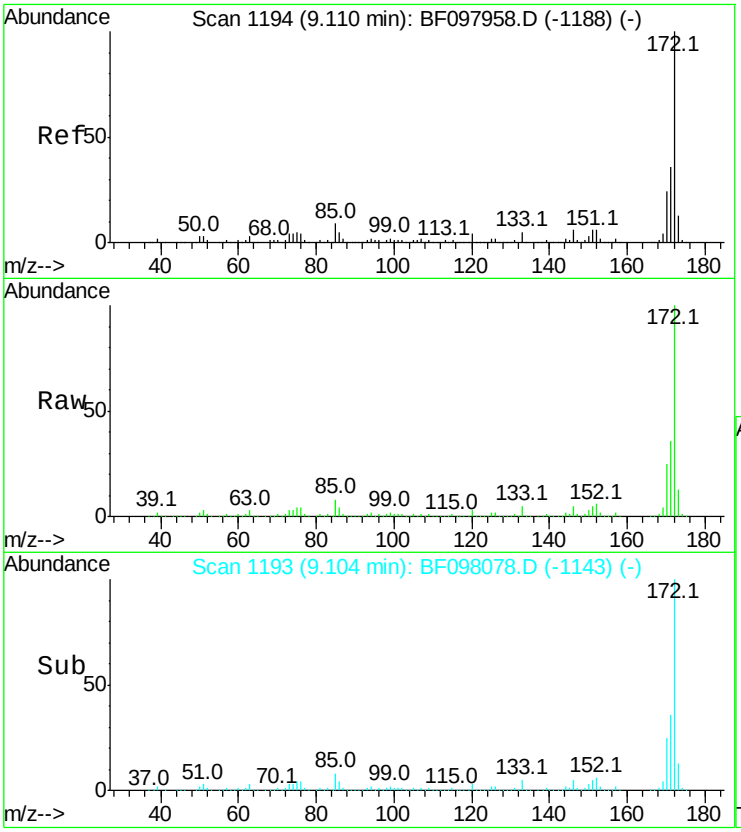


#41
2,4,6-Tribromophenol
Concen: 93.931 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Tgt Ion:330 Resp: 172985

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	38.6	31.4	47.2



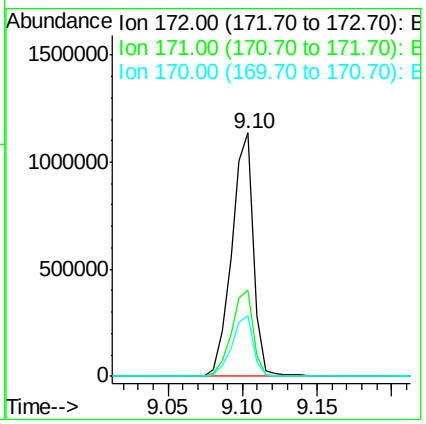


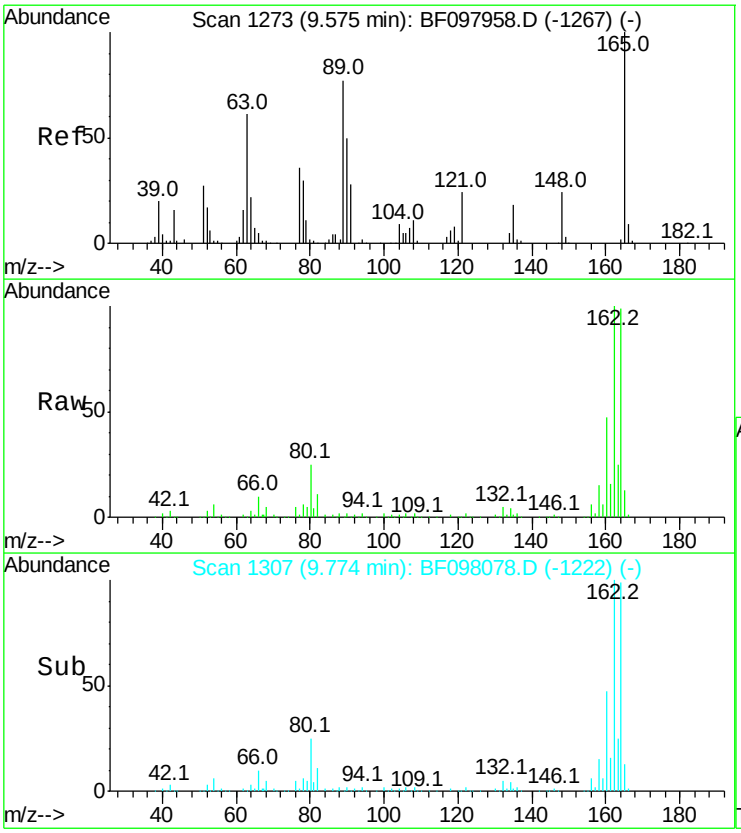
#44
2-Fluorobiphenyl
Concen: 80.735 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion:172 Resp: 1166352

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.8	19.8	29.8

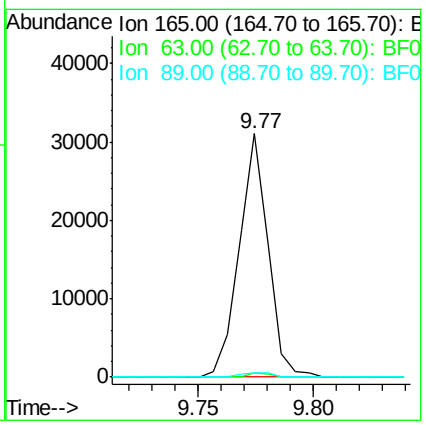


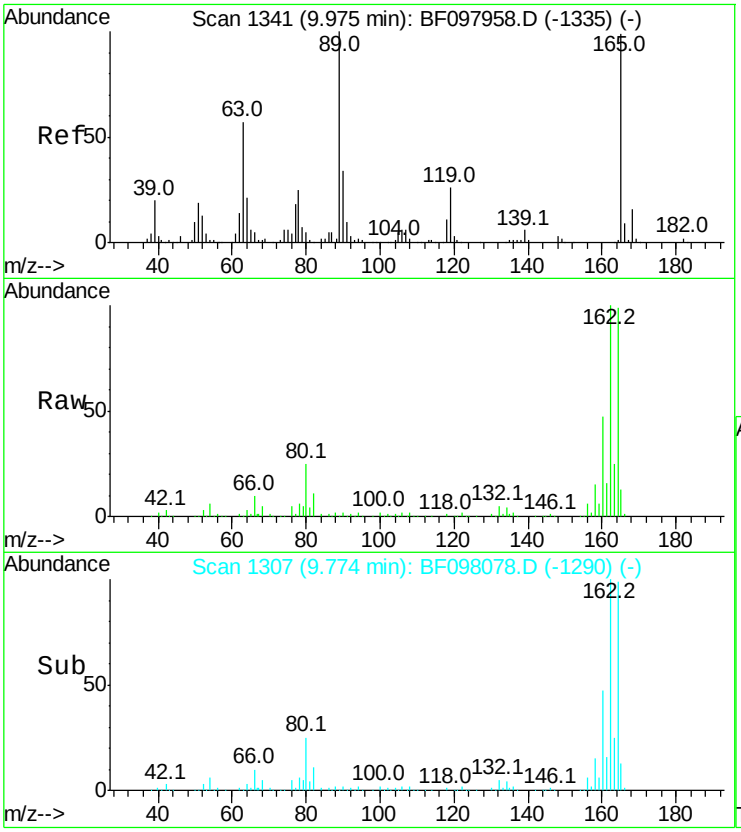


#50
2,6-Dinitrotoluene
Concen: 8.747 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Tgt Ion:165 Resp: 27090

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.7	37.1	55.7#



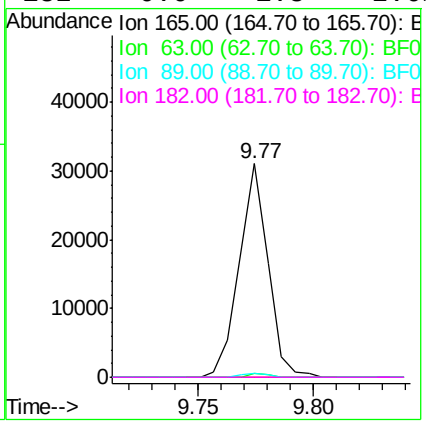


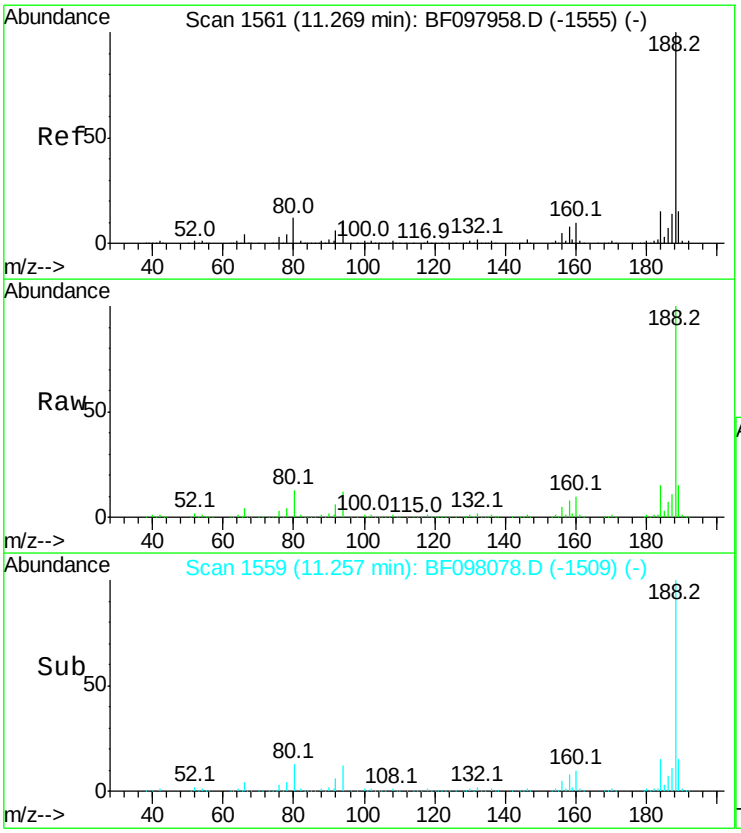
#56
2,4-Dinitrotoluene
Concen: 6.970 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion:165 Resp: 27090

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

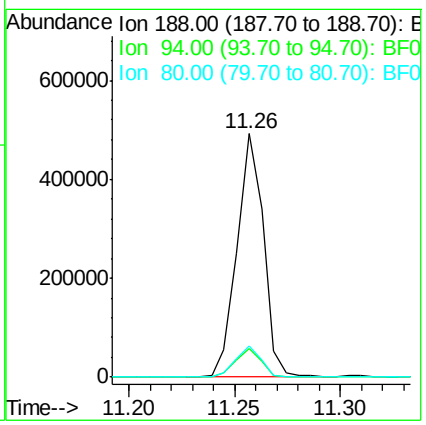


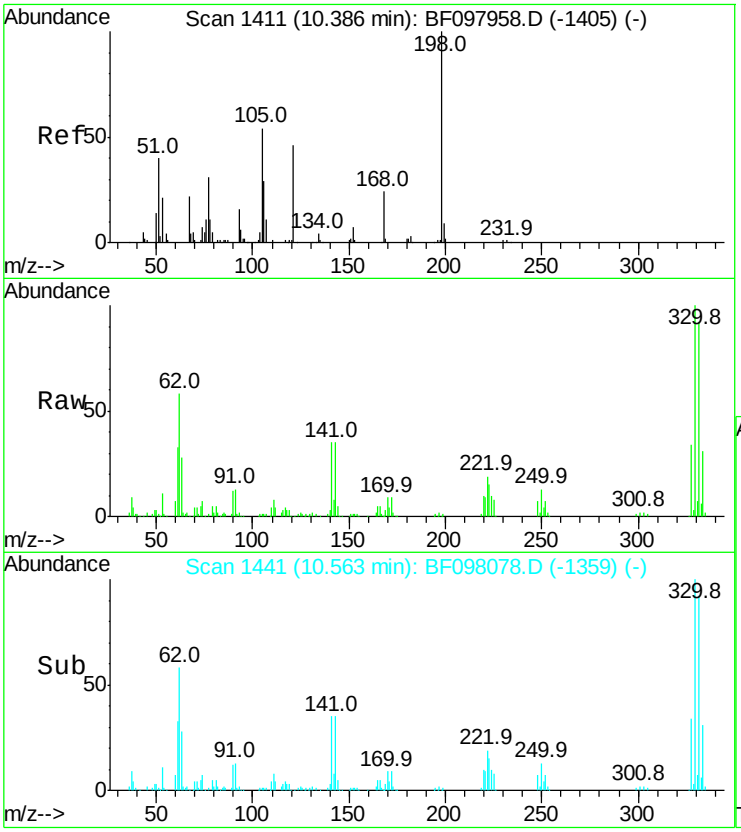


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Tgt Ion:188 Resp: 427277

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.5	10.2	15.2



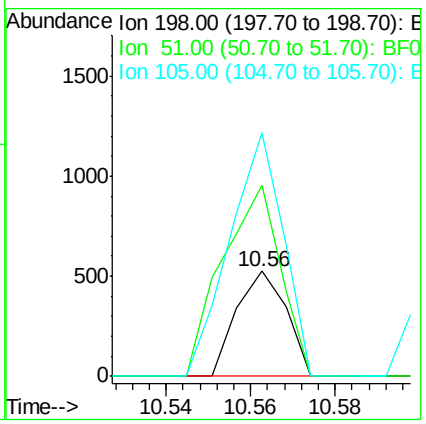


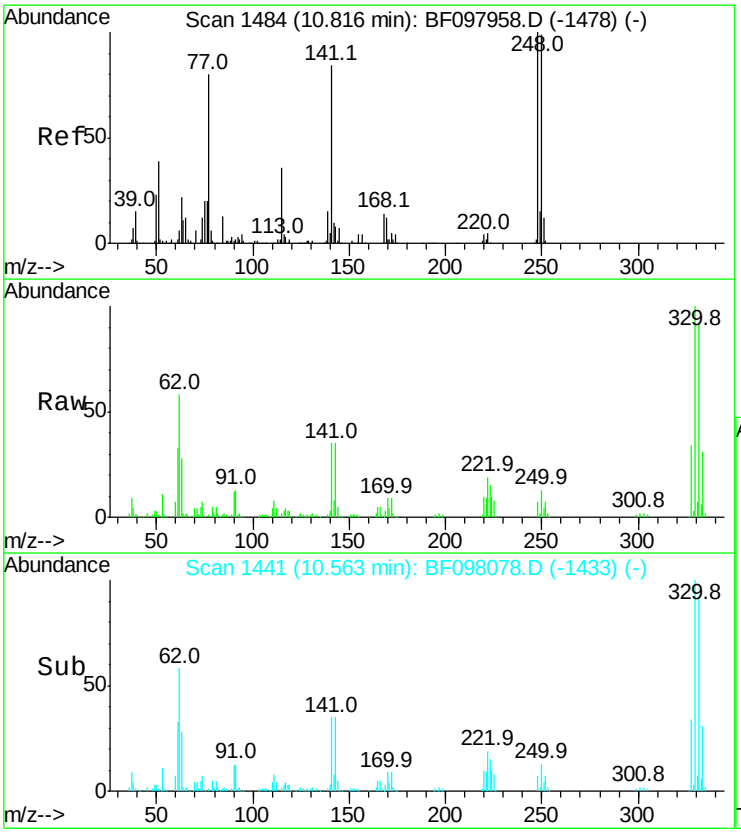
#64
4,6-Dinitro-2-methylphenol
Concen: 8.496 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.18 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion:198 Resp: 428

Ion	Ratio	Lower	Upper
198	100		
51	181.9	53.2	93.2#
105	231.2	45.8	85.8#

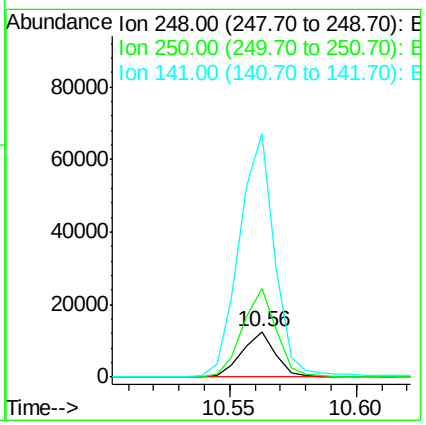


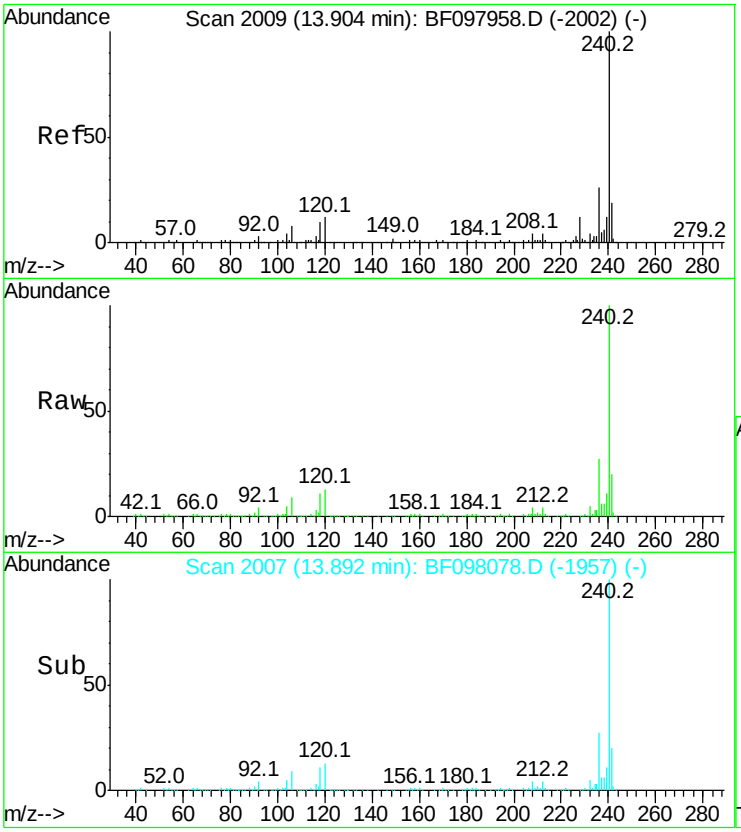


#66
4-Bromophenyl-phenylether
Concen: 2.583 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Tgt Ion:248 Resp: 11462

Ion	Ratio	Lower	Upper
248	100		
250	195.1	76.8	115.2#
141	535.1	68.6	103.0#



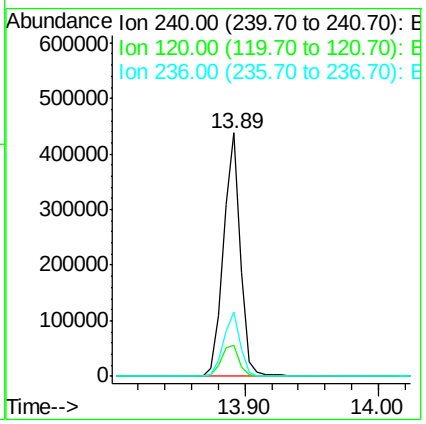


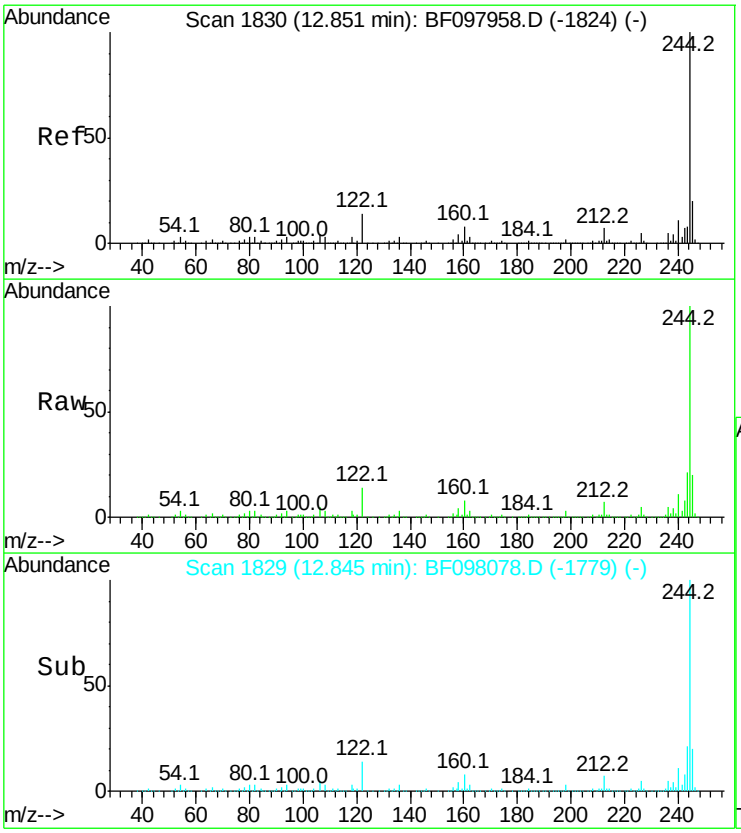
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion:240 Resp: 390208

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	26.7	20.5	30.7

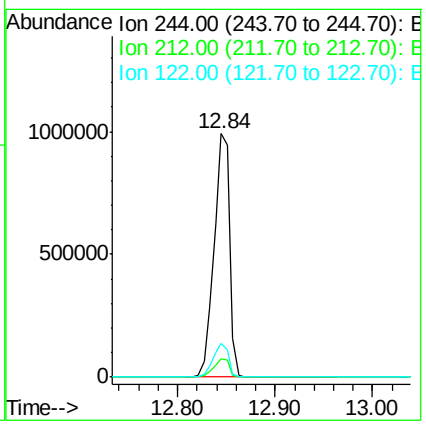


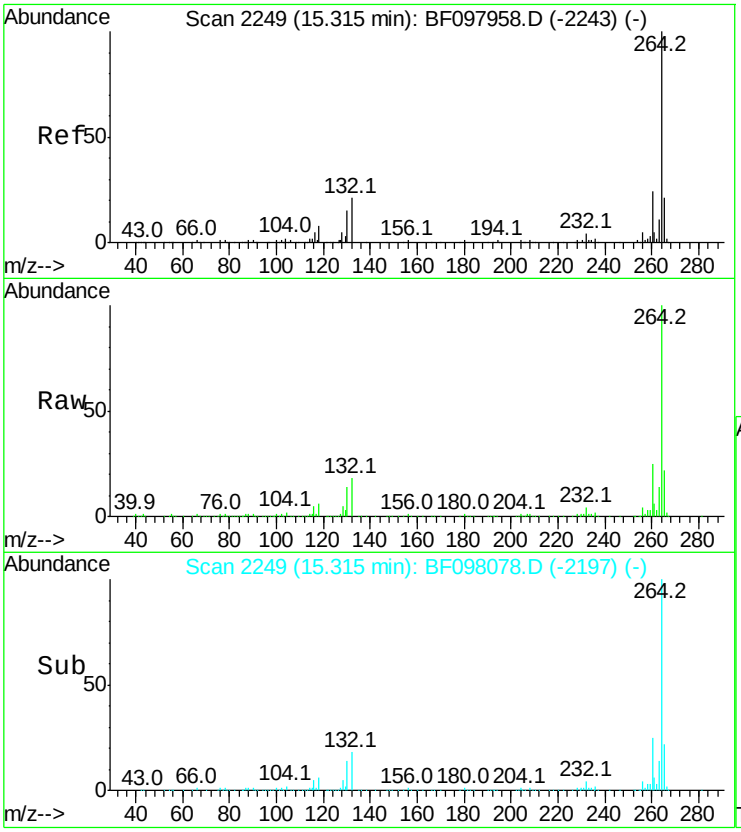


#78
Terphenyl-d14
Concen: 58.401 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Tgt Ion:244 Resp: 1092790

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF098078.D
Acq: 28 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
SB04-GW

Tgt Ion:264 Resp: 327885

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.6	17.2	25.8