Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090918.D
Acq On : 28 Oct 2016 19:50
Operator : UM/SJ
Sample : H5411-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TWP-02-DUP

Quant Time: Oct 28 23:06:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	138291	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	532928	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	259816	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	327049	20.00	ng	0.00
75) Chrysene-d12	13.93	240	257059	20.00	ng	0.00
86) Perylene-d12	15.33	264	293986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	580094	73.34	ng	0.00
7) Phenol-d6	6.40	99	471389	44.18	ng	-0.02
23) Nitrobenzene-d5	7.33	82	986333	121.16	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	259214	97.08	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1404609	94.93	ng	-0.01
78) Terphenyl-d14	12.88	244	956879	93.78	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.92	79	17084	2.44	ng	# 26
19) n-Nitroso-di-n-propylamine	7.33	70	135982	22.04	ng	# 49
49) Dimethylphthalate	9.53	163	68602	3.95	ng	# 97
50) 2,6-Dinitrotoluene	9.80	165	33734	8.80	ng	# 40
52) 3-Nitroaniline	9.76	138	10453	2.56	ng	# 26
56) 2,4-Dinitrotoluene	9.80	165	34342	7.21	ng	# 34
66) 4-Bromophenyl-phenylether	10.59	248	17846	4.98	ng	# 1

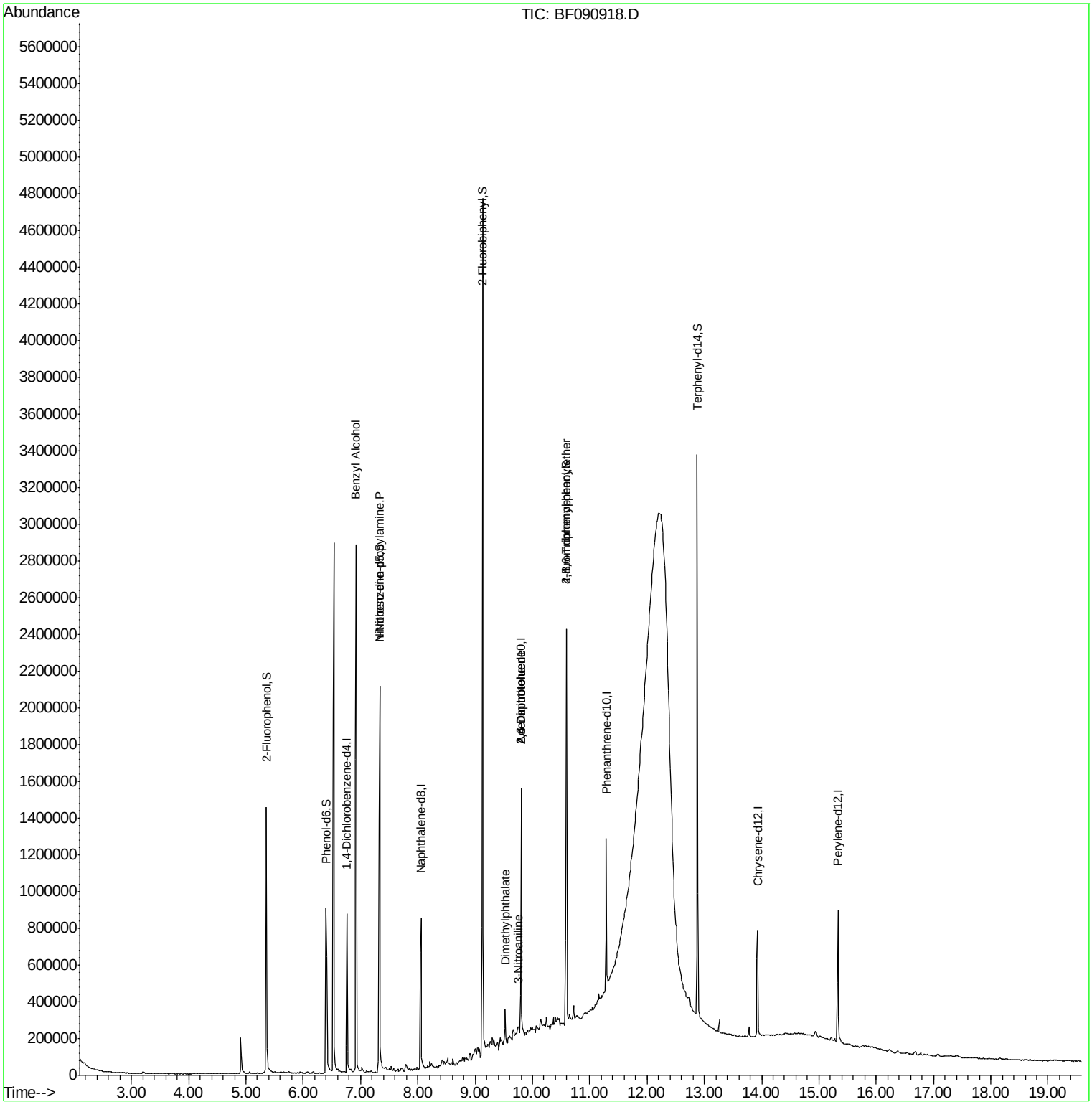
(#) = qualifier out of range (m) = manual integration (+) = signals summed

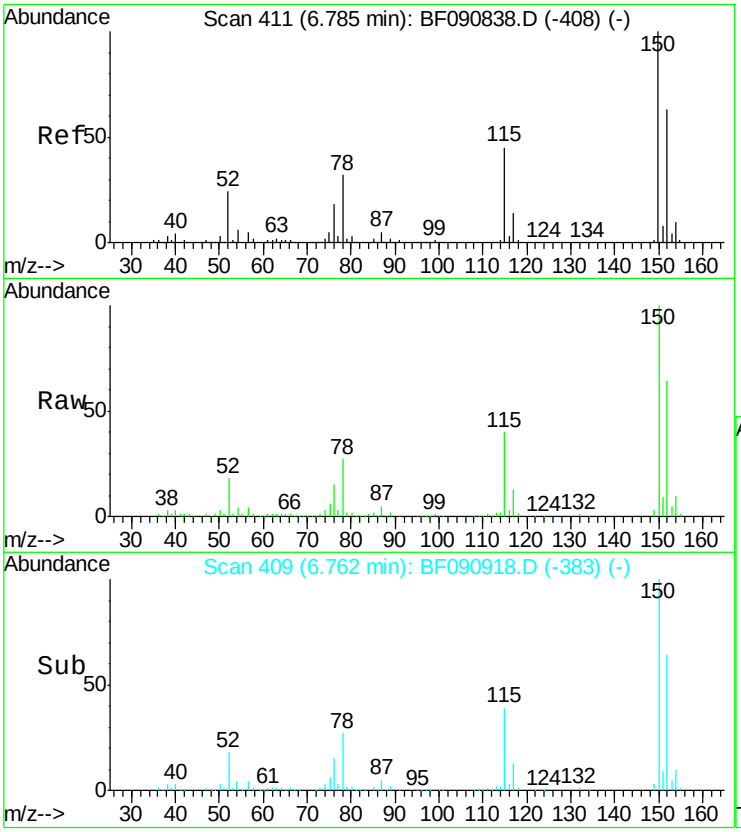
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090918.D
Acq On : 28 Oct 2016 19:50
Operator : UM/SJ
Sample : H5411-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Quant Time: Oct 28 23:06:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration



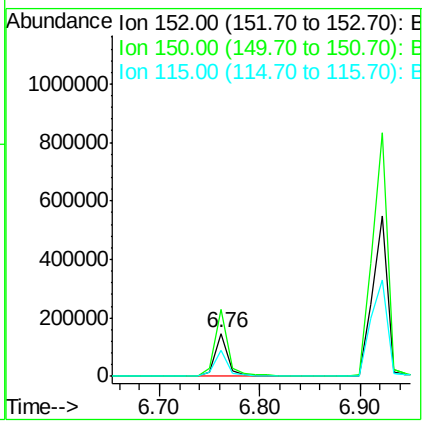


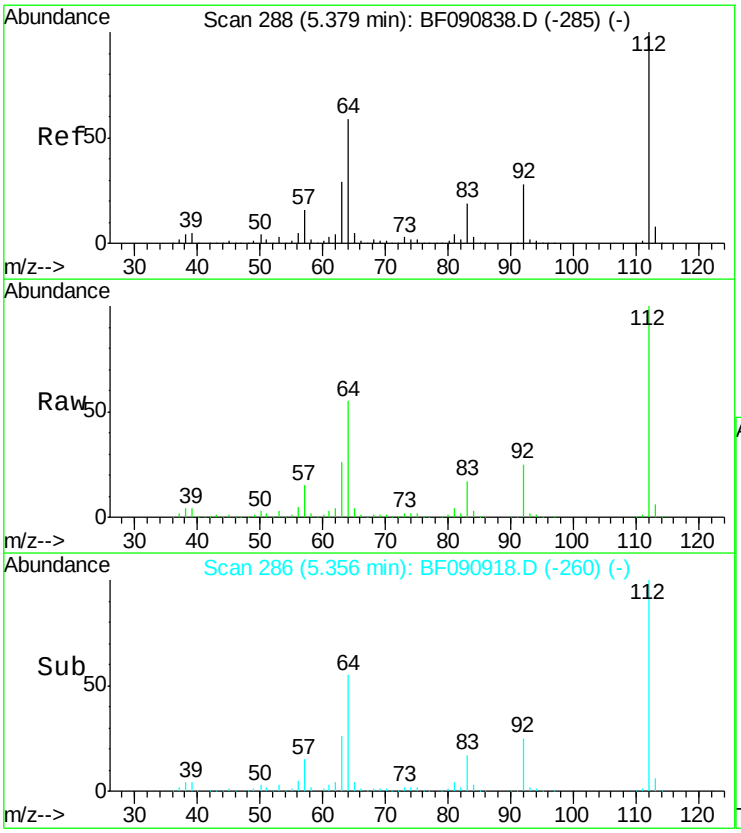
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion:152 Resp: 138291

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.7	187.1
115	61.5	39.0	58.4#

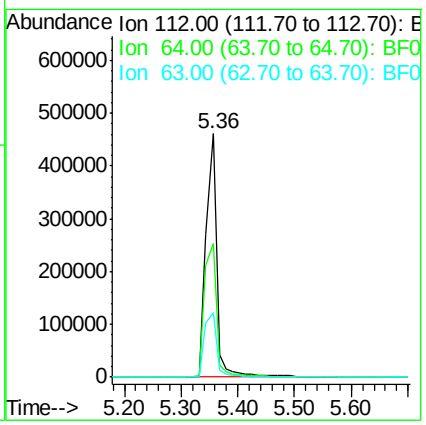


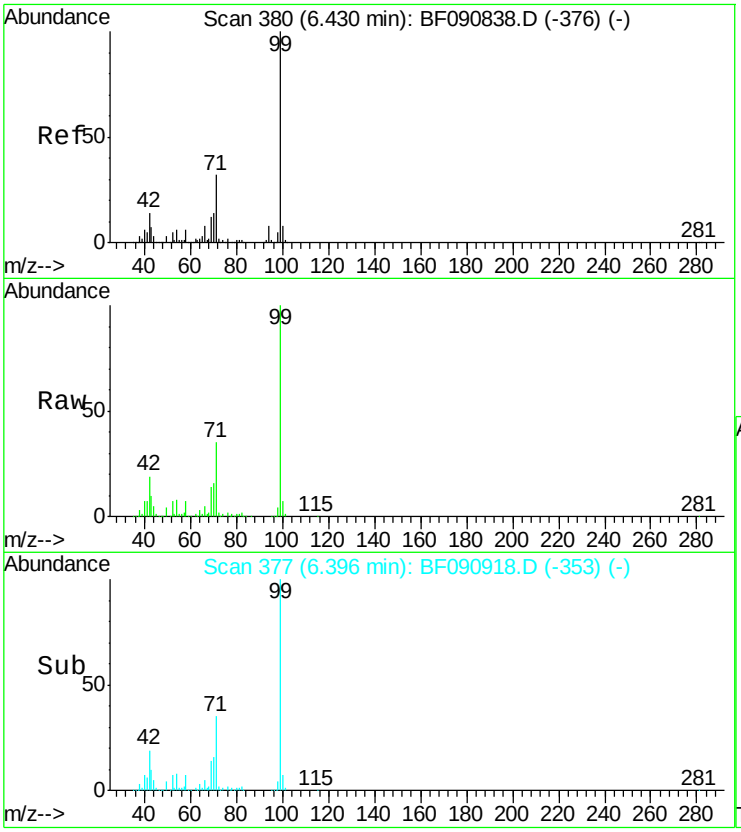


#5
2-Fluorophenol
Concen: 73.34 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:112 Resp: 580094

Ion	Ratio	Lower	Upper
112	100		
64	54.8	39.7	59.5
63	26.4	17.4	26.0#



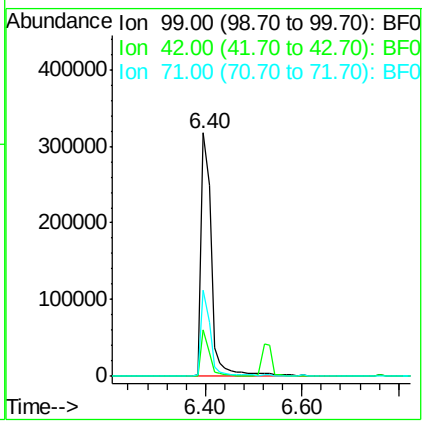


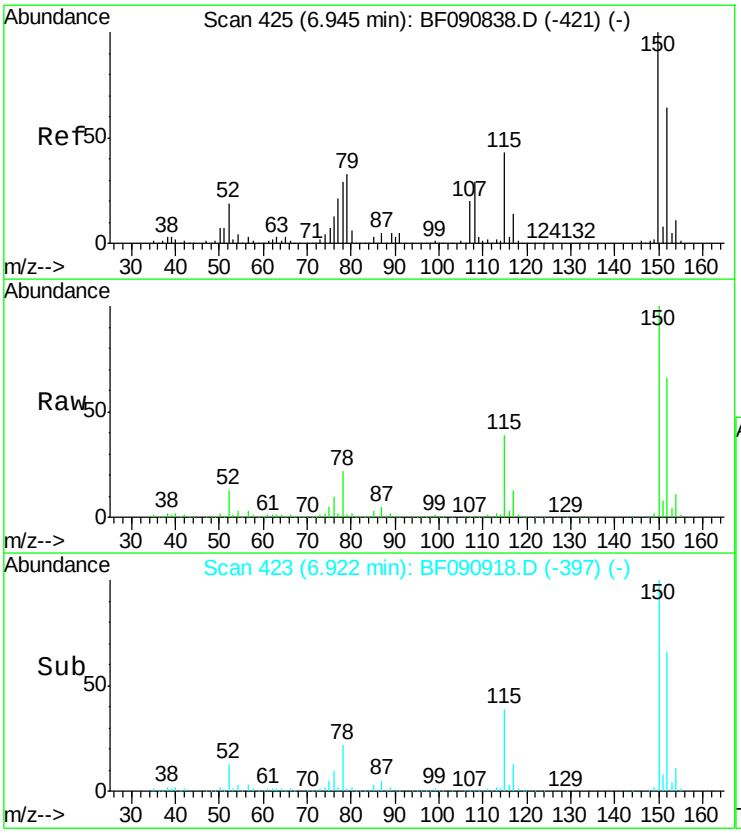
#7
Phenol-d6
Concen: 44.18 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion: 99 Resp: 471389

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.7	20.5
71	35.5	14.2	21.2#

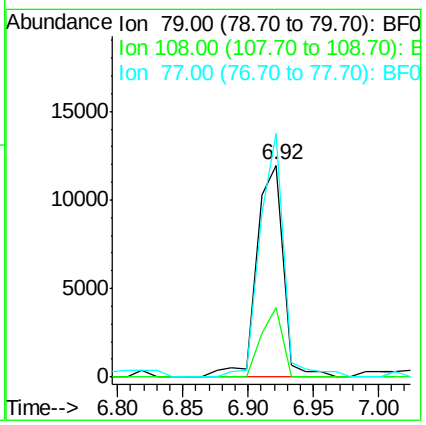


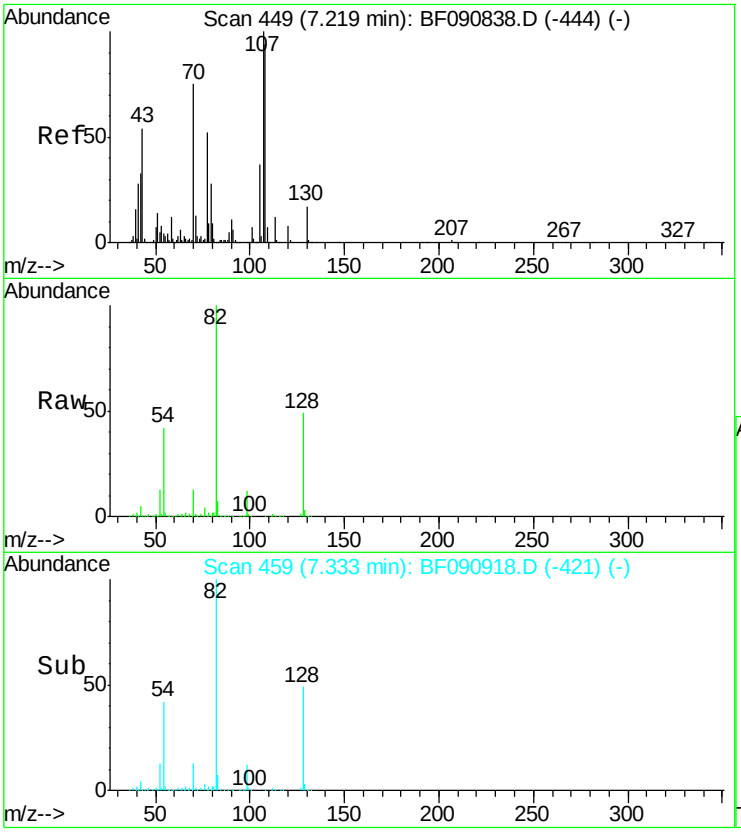


#15
Benzyl Alcohol
Concen: 2.44 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion: 79 Resp: 17084

Ion	Ratio	Lower	Upper
79	100		
108	32.8	88.6	132.8#
77	115.0	47.0	70.4#



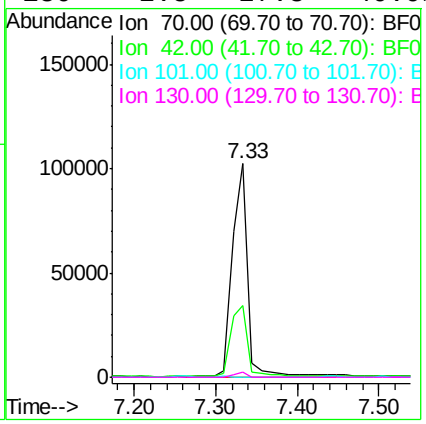


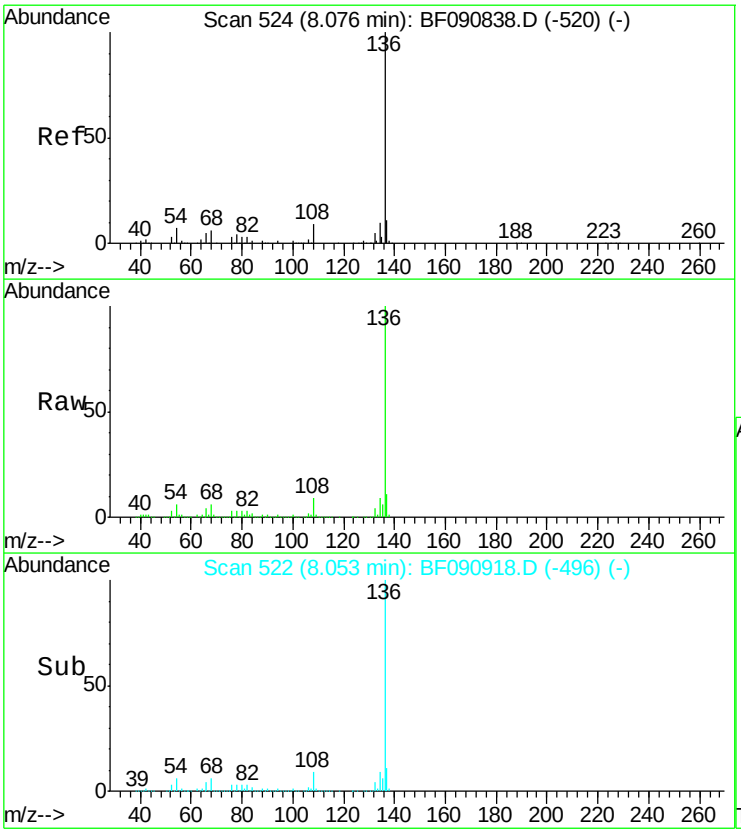
#19
n-Nitroso-di-n-propylamine
Concen: 22.04 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion: 70 Resp: 135982

Ion	Ratio	Lower	Upper
70	100		
42	33.8	63.8	95.6#
101	0.0	9.2	13.8#
130	2.5	27.3	40.9#

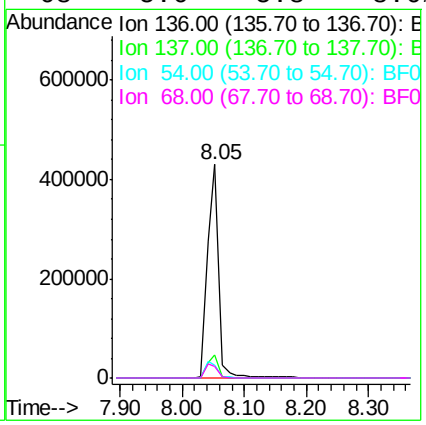


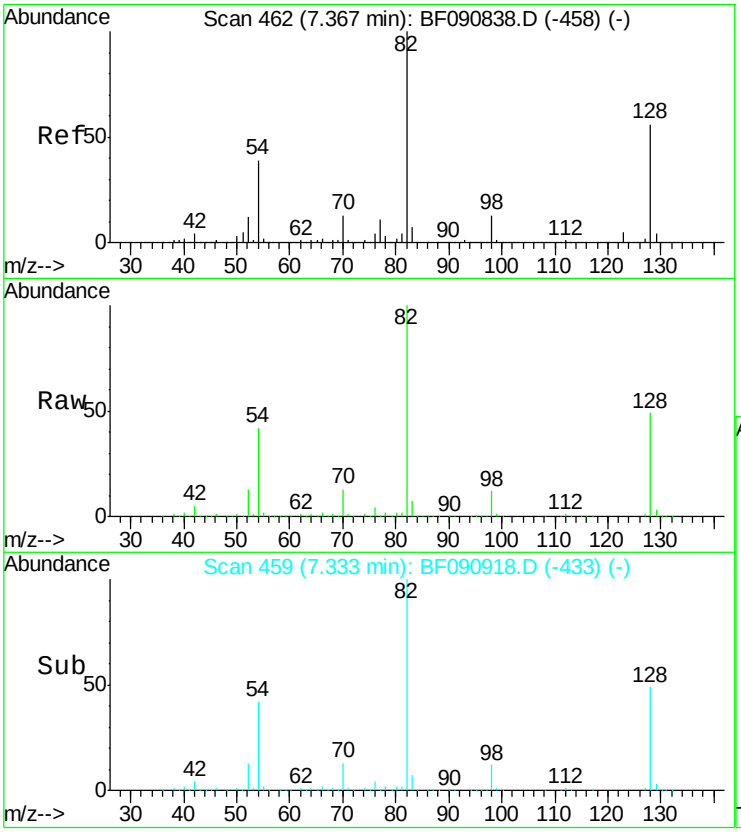


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:136 Resp: 532928

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.0	8.2	12.2#
68	5.6	5.8	8.6#



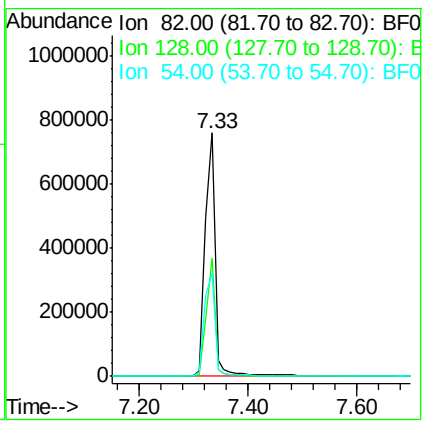


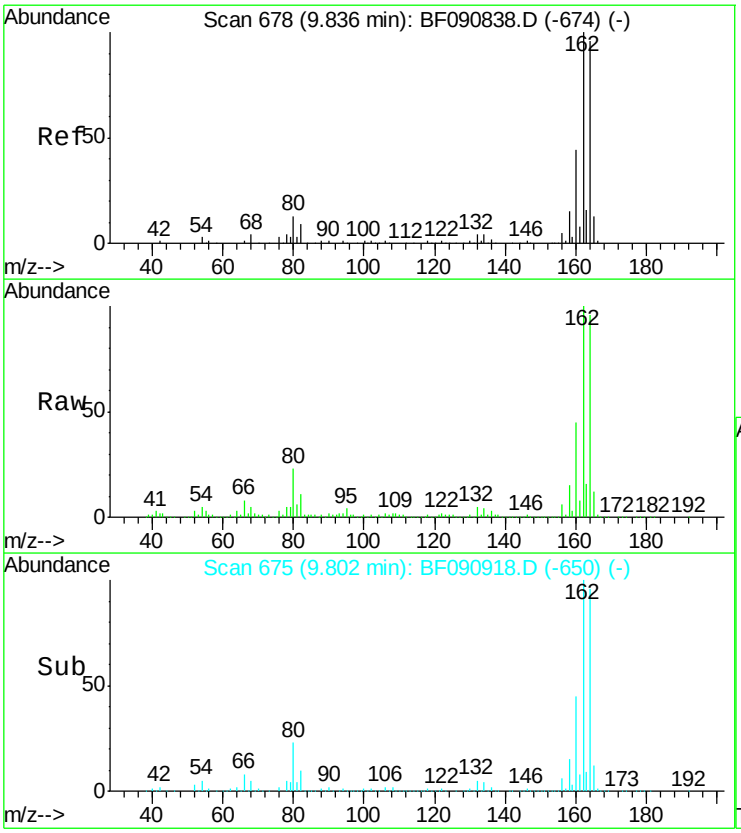
#23
Nitrobenzene-d5
Concen: 121.16 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion: 82 Resp: 986333

Ion	Ratio	Lower	Upper
82	100		
128	48.8	51.0	76.6#
54	42.4	47.5	71.3#

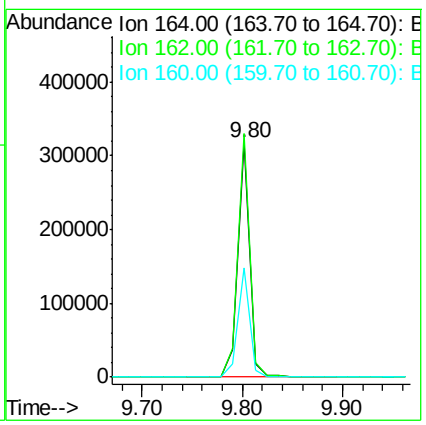


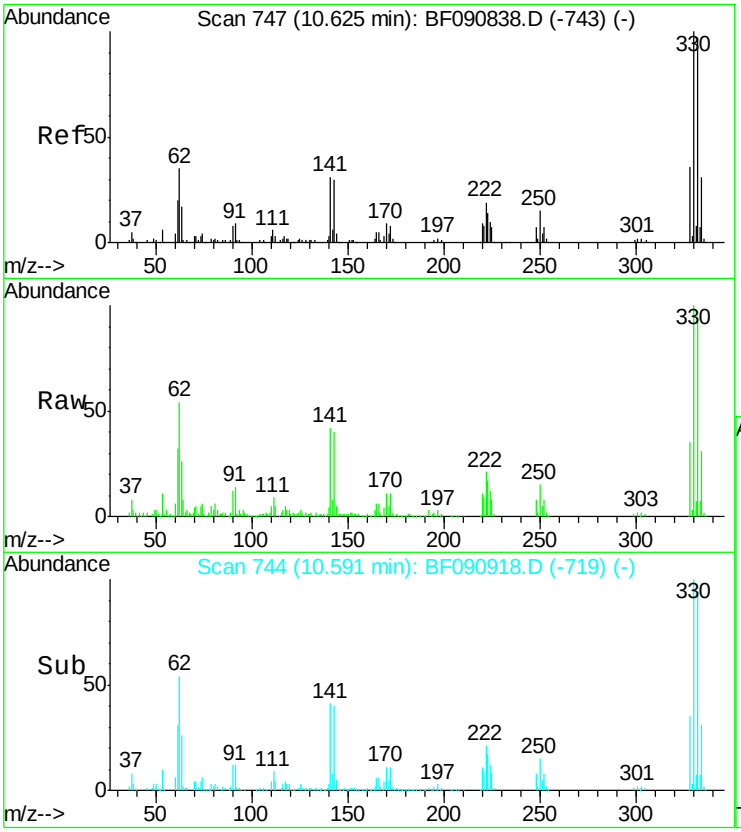


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:164 Resp: 259816

Ion	Ratio	Lower	Upper
164	100		
162	103.9	75.2	112.8
160	46.7	31.5	47.3



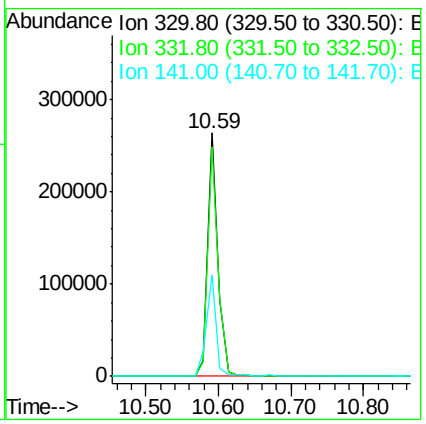


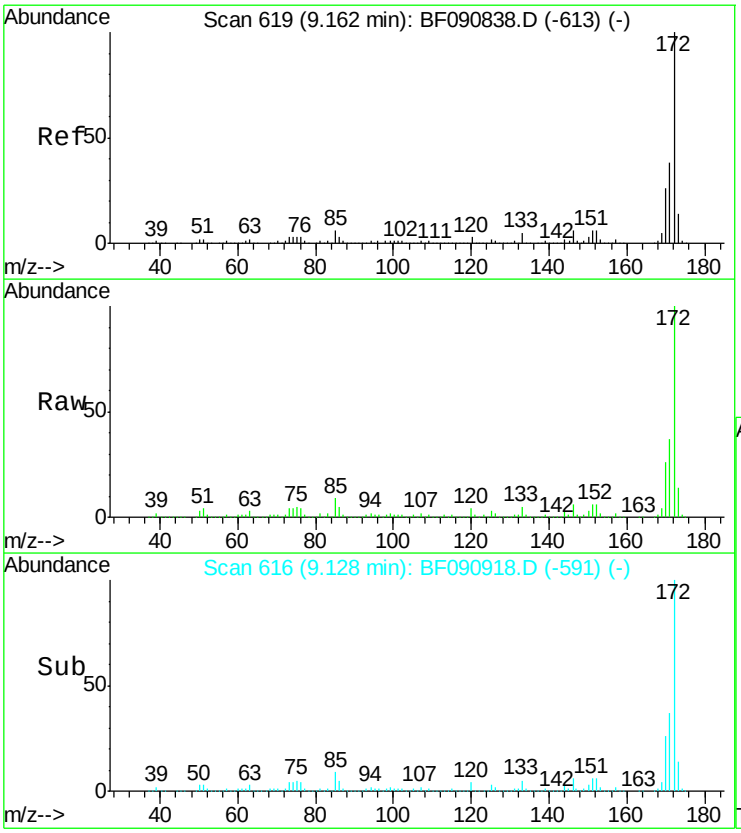
#41
2,4,6-Tribromophenol
Concen: 97.08 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion:330 Resp: 259214

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	39.1	29.7	44.5

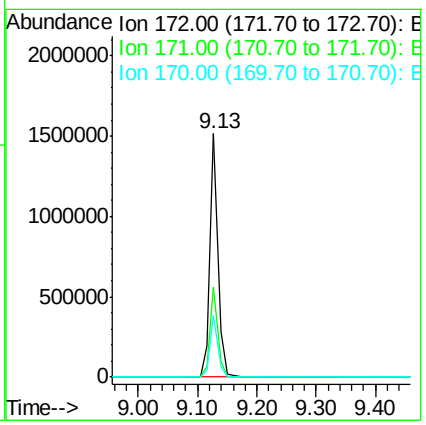


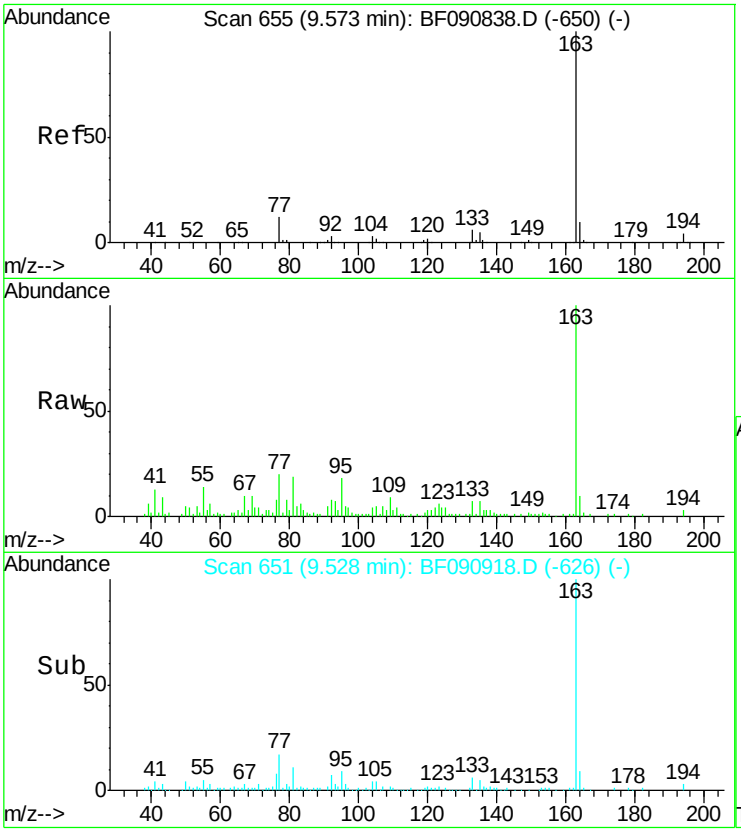


#44
2-Fluorobiphenyl
Concen: 94.93 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:172 Resp: 1404609

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.1	39.1
170	25.5	17.4	26.2



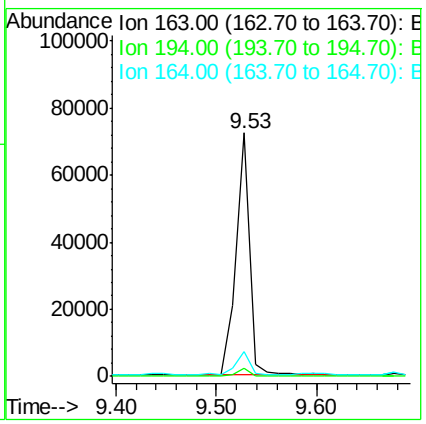


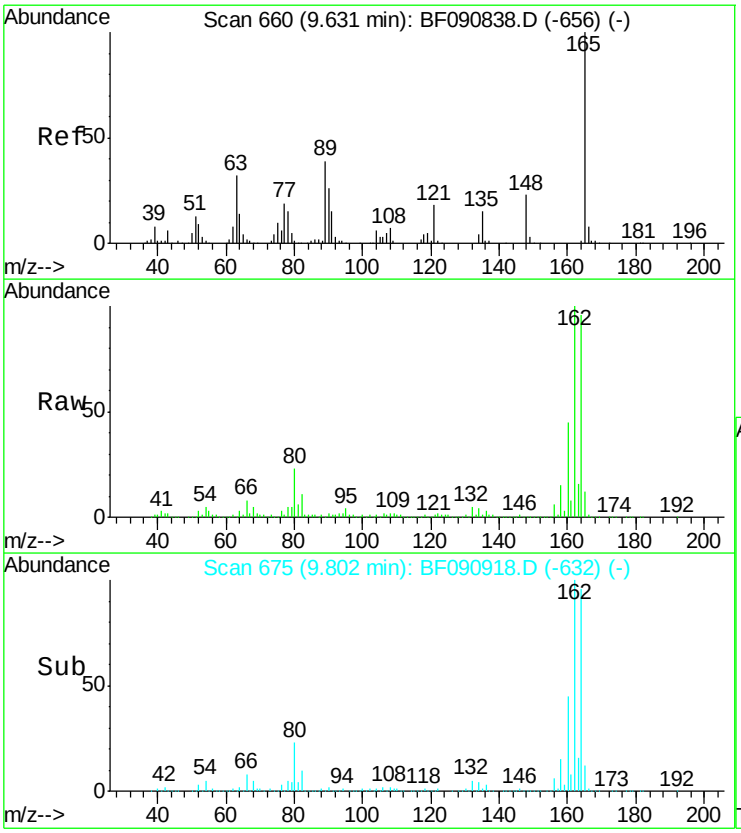
#49
Dimethylphthalate
Concen: 3.95 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion:163 Resp: 68602

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.0	8.3	12.5

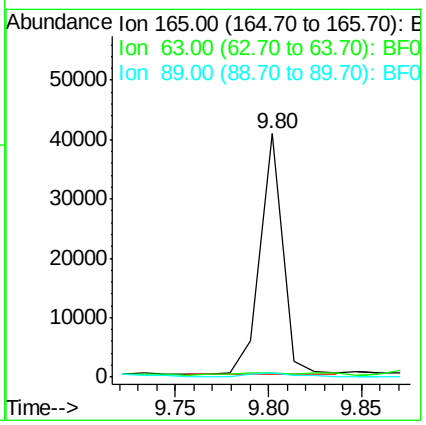


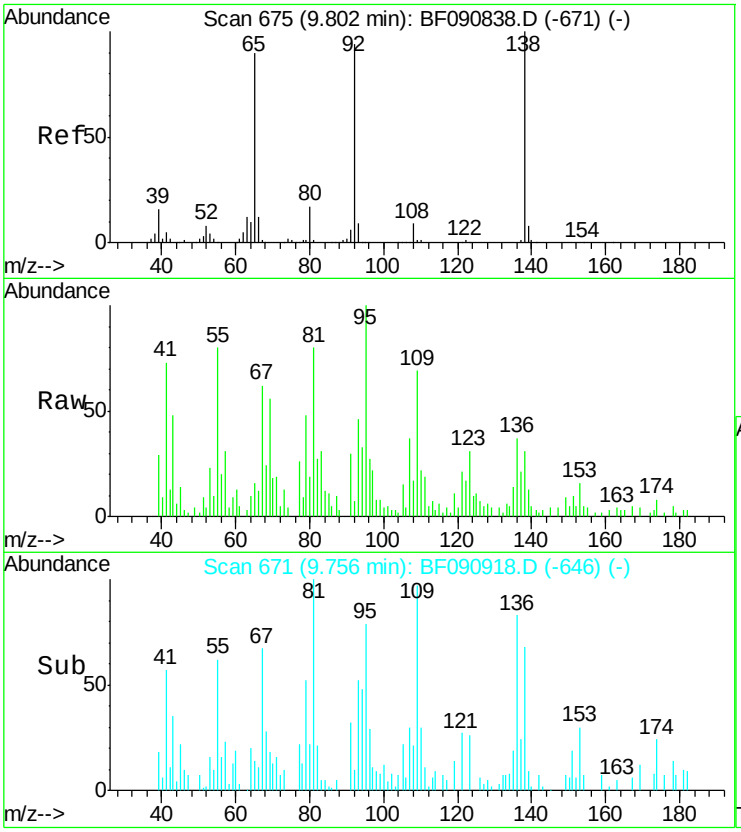


#50
2,6-Dinitrotoluene
Concen: 8.80 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.19 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:165 Resp: 33734

Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.3	48.5#
89	1.5	28.6	43.0#



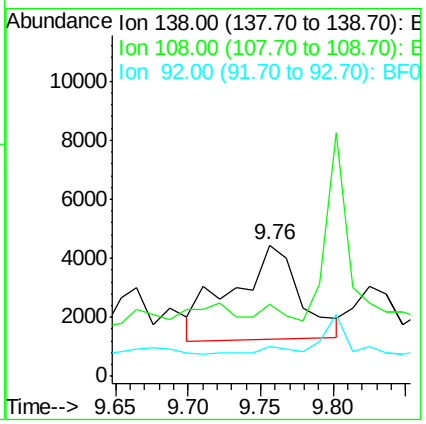


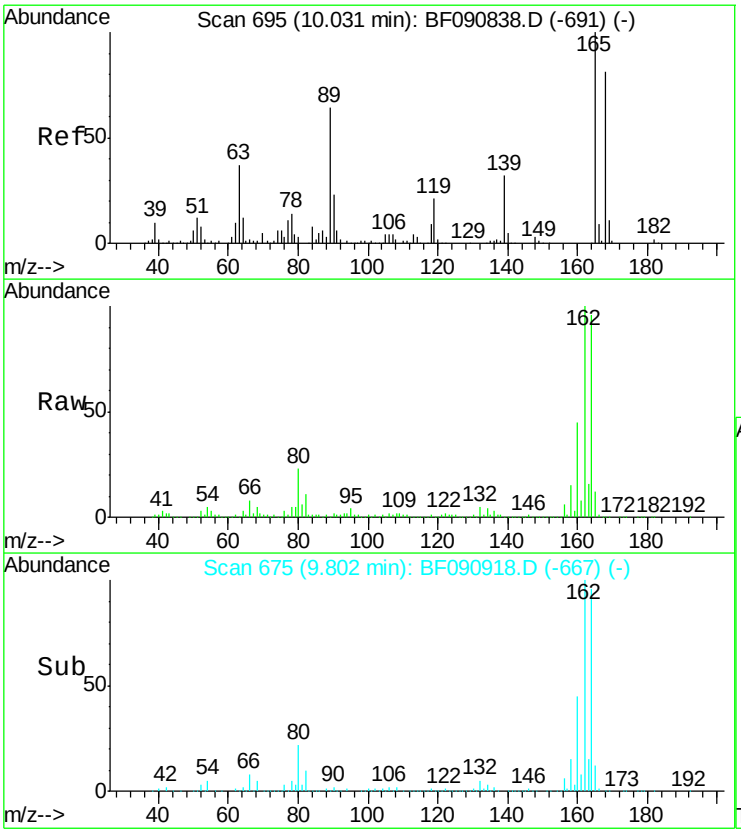
#52
3-Nitroaniline
Concen: 2.56 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion:138 Resp: 10453

Ion	Ratio	Lower	Upper
138	100		
108	54.8	5.7	8.5#
92	22.4	67.7	101.5#

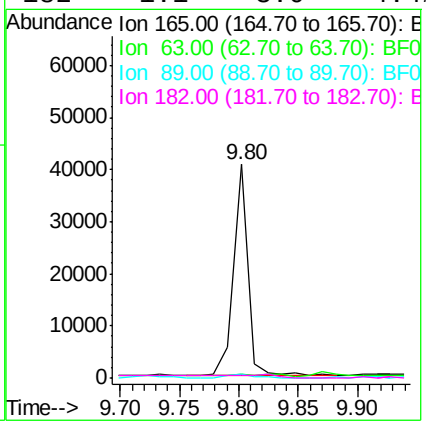


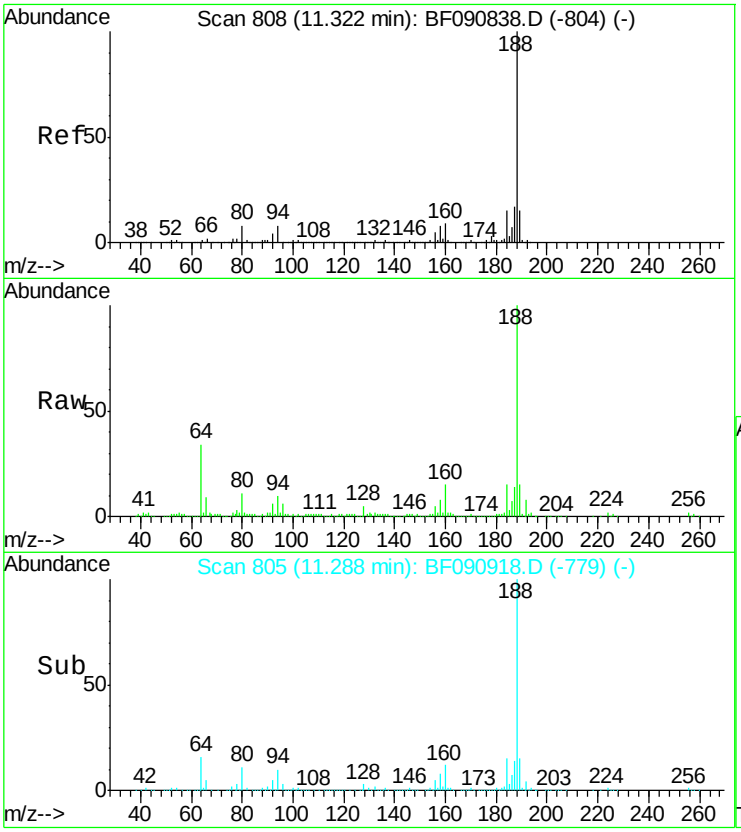


#56
2,4-Dinitrotoluene
Concen: 7.21 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:165 Resp: 34342

Ion	Ratio	Lower	Upper
165	100		
63	1.8	29.8	44.6#
89	1.5	44.5	66.7#
182	1.1	3.0	4.4#



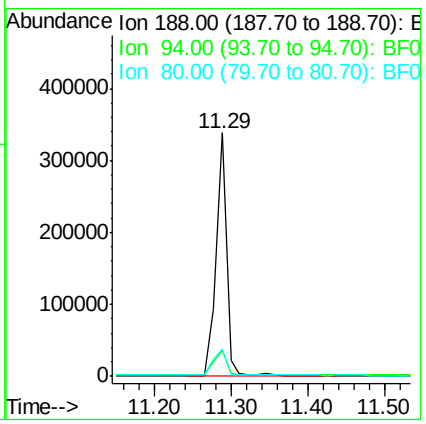


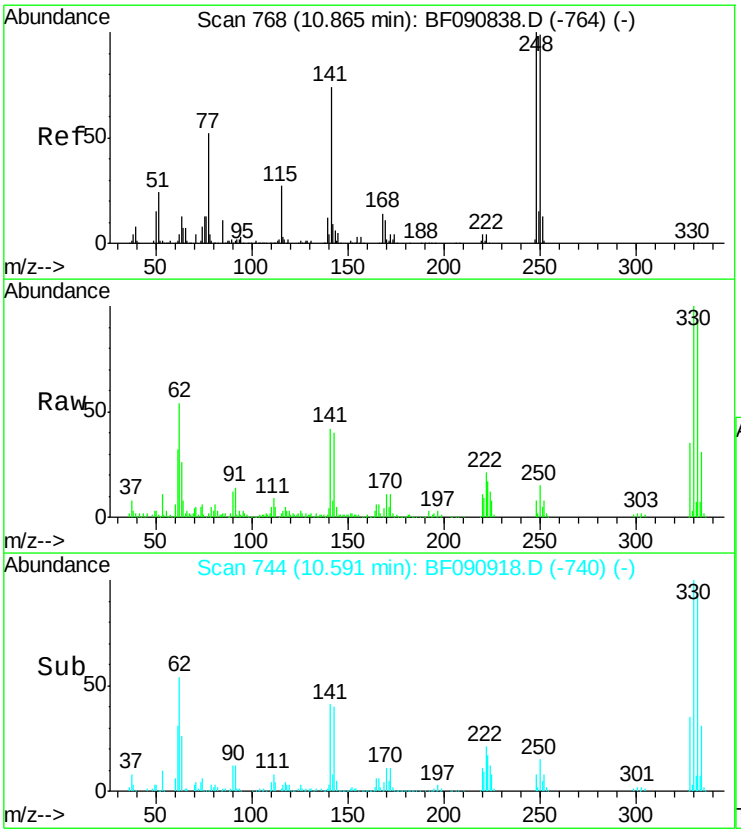
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion:188 Resp: 327049

Ion	Ratio	Lower	Upper
188	100		
94	10.5	11.1	16.7#
80	11.1	11.0	16.4

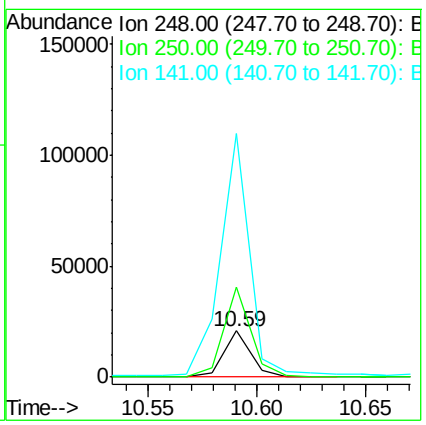


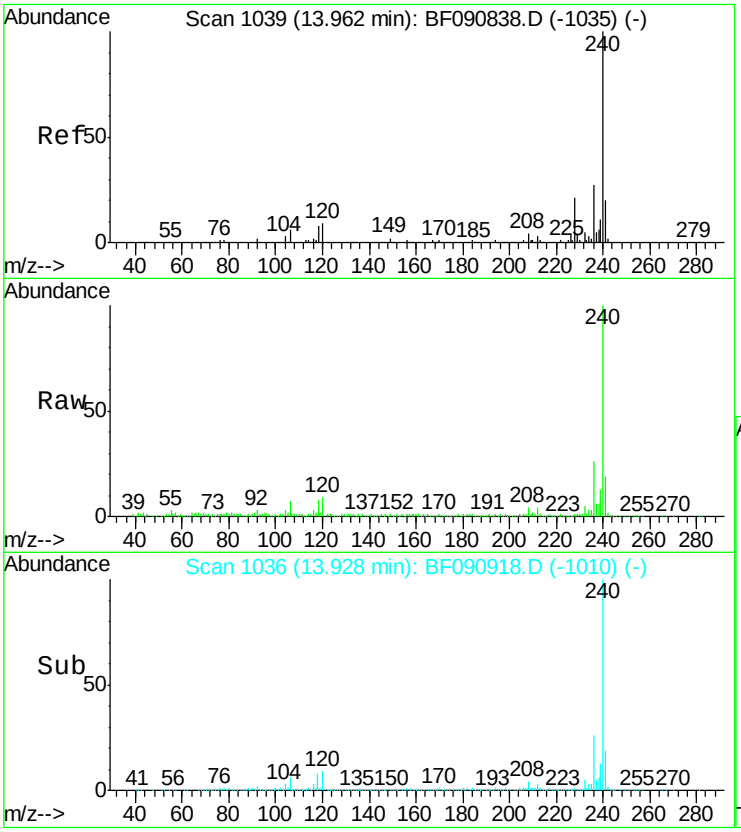


#66
4-Bromophenyl-phenylether
Concen: 4.98 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:248 Resp: 17846

Ion	Ratio	Lower	Upper
248	100		
250	197.3	78.5	117.7#
141	530.7	59.0	88.6#



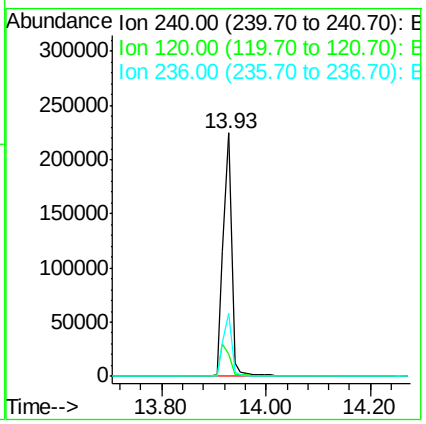


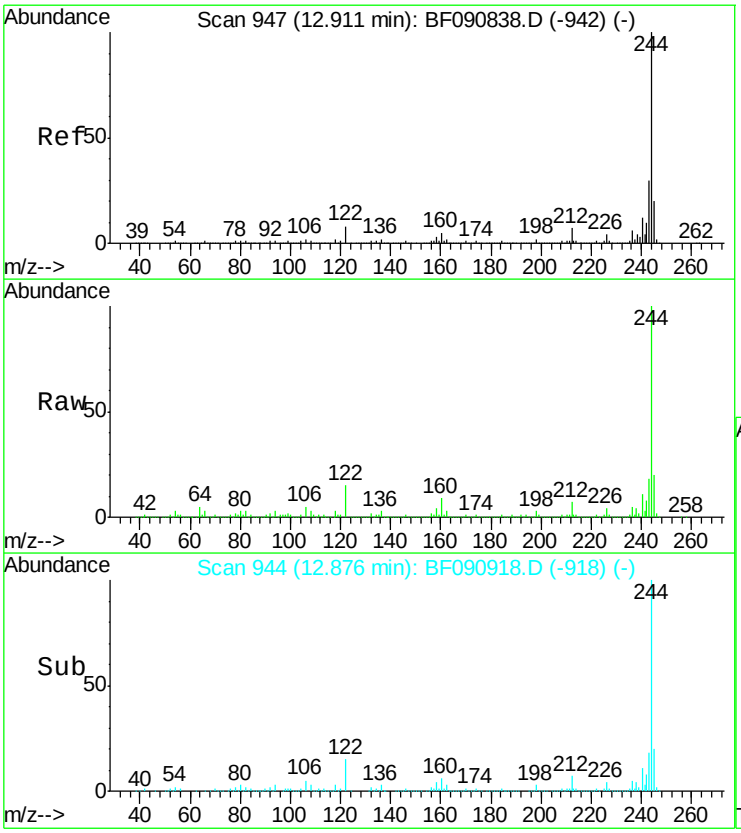
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion:240 Resp: 257059

Ion	Ratio	Lower	Upper
240	100		
120	9.2	16.2	24.2#
236	25.9	18.4	27.6

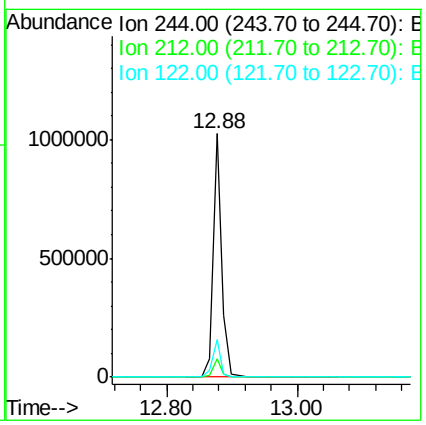


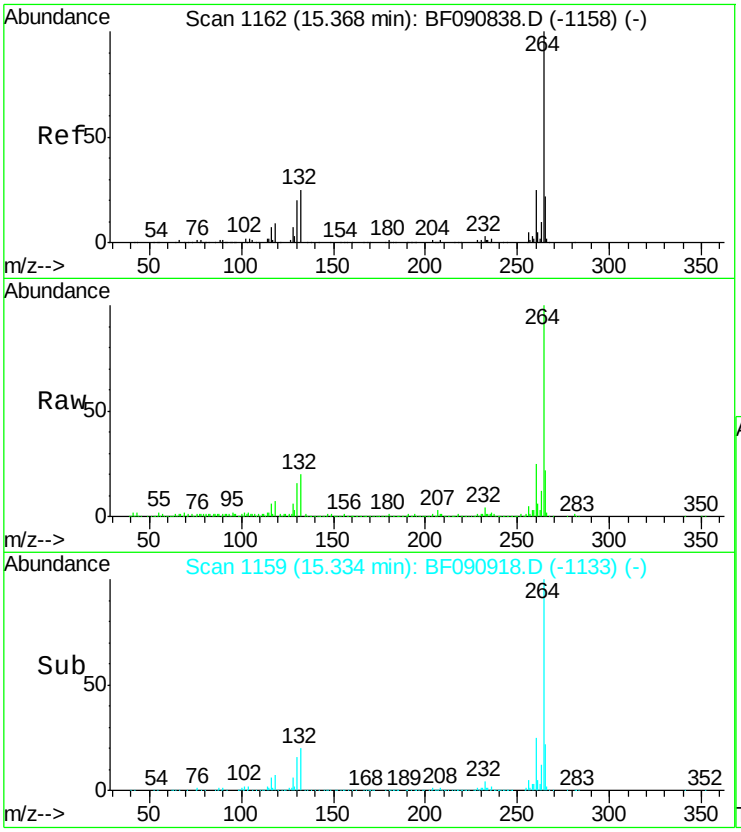


#78
Terphenyl-d14
Concen: 93.78 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Tgt Ion:244 Resp: 956879

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	15.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF090918.D
Acq: 28 Oct 2016 19:50

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion:264 Resp: 293986

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	22.2	17.2	25.8