Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086995.D
Acq On : 14 May 2016 3:11
Operator : UM/SJ
Sample : H2895-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP11-8-9FT

Quant Time: May 14 03:47:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	138884	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	560541	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	275863	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	535287	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	442931	20.00	ng	-0.01
86) Perylene-d12	15.11	264	319198	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1030840	125.70	ng	0.01
7) Phenol-d6	6.28	99	1450290	132.32	ng	0.00
23) Nitrobenzene-d5	7.19	82	1043591	93.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	412061	141.09	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1643089	100.10	ng	0.00
78) Terphenyl-d14	12.71	244	1617084	77.46	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.76	79	15804	2.09	ng	# 44
19) n-Nitroso-di-n-propylamine	7.19	70	149225	19.48	ng	# 73
25) Isophorone	7.19	82	762329	36.81	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	34947	7.89	ng	# 20
55) 4-Nitrophenol	9.86	139	433	4.69	ng	# 14
56) 2,4-Dinitrotoluene	9.64	165	34947	6.38	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	23784	4.38	ng	# 1

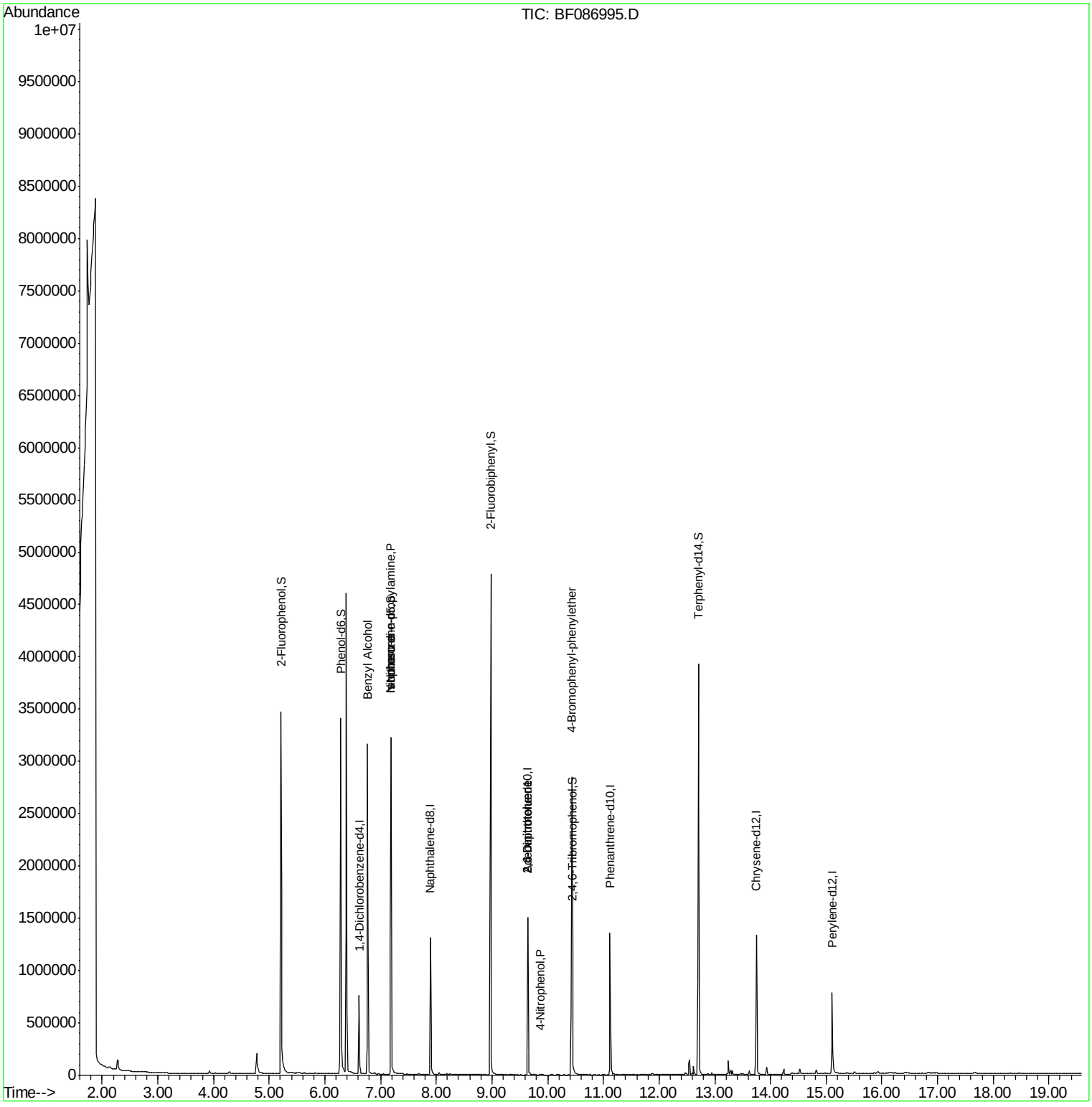
(#) = qualifier out of range (m) = manual integration (+) = signals summed

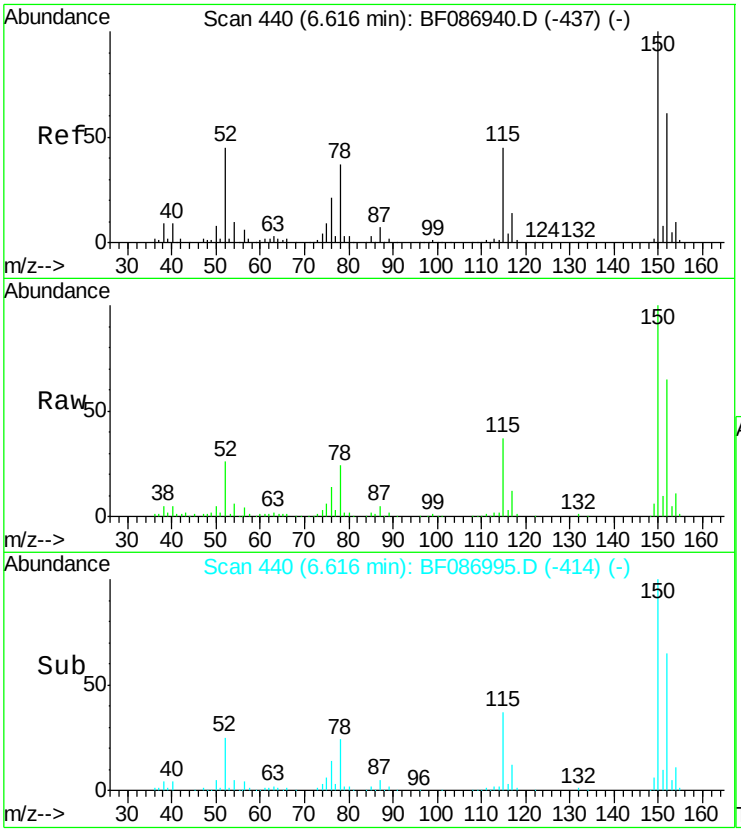
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086995.D
Acq On : 14 May 2016 3:11
Operator : UM/SJ
Sample : H2895-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Quant Time: May 14 03:47:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration



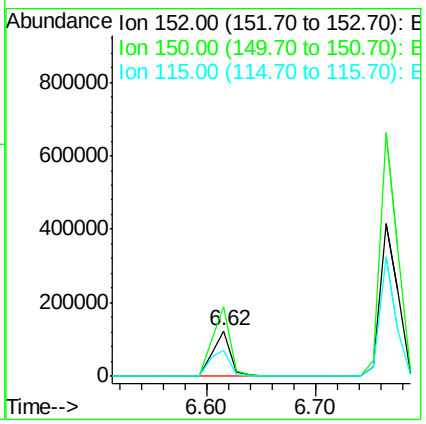


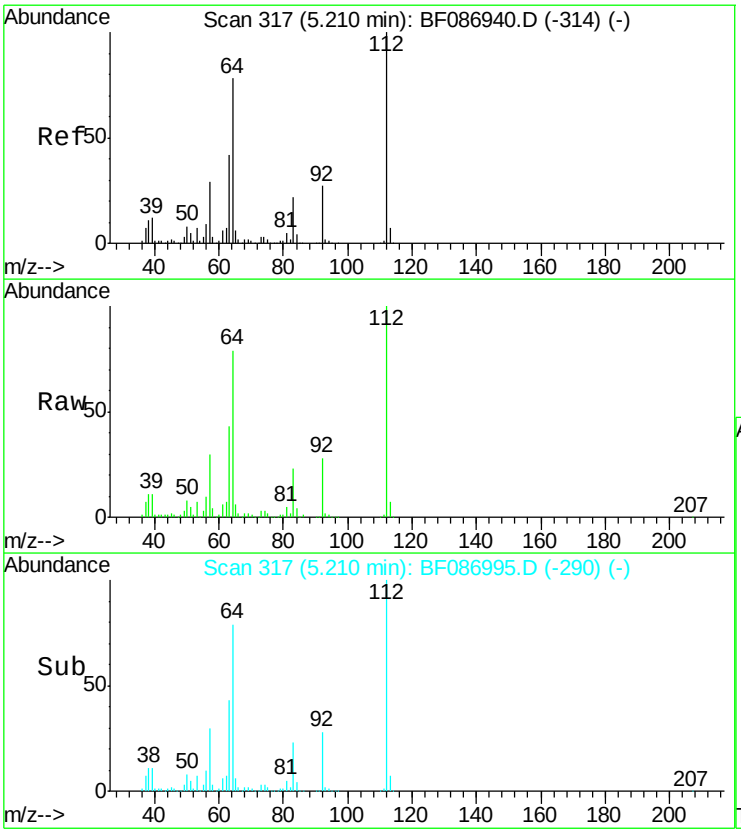
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:152 Resp: 138884

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.8	188.6
115	57.3	51.5	77.3

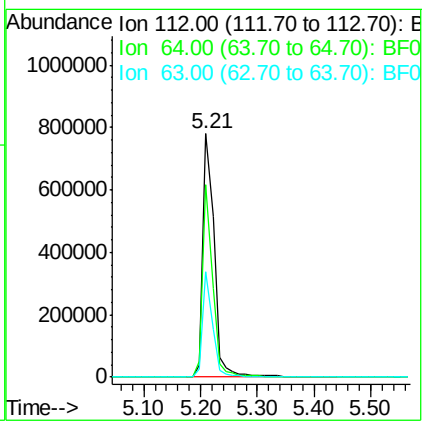


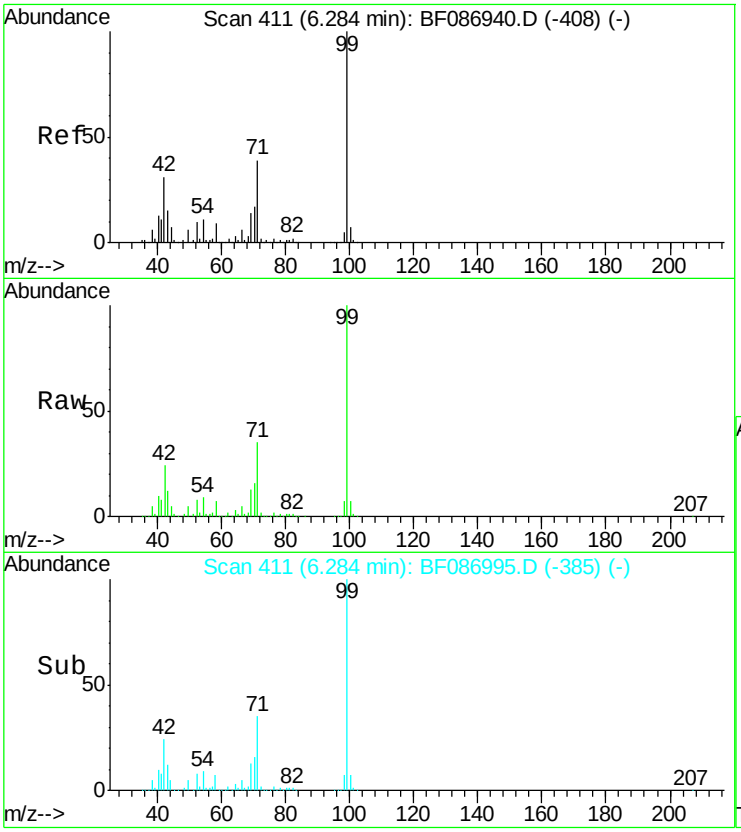


#5
2-Fluorophenol
Concen: 125.70 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Tgt Ion:112 Resp: 1030840

Ion	Ratio	Lower	Upper
112	100		
64	78.8	52.1	78.1#
63	43.4	25.7	38.5#



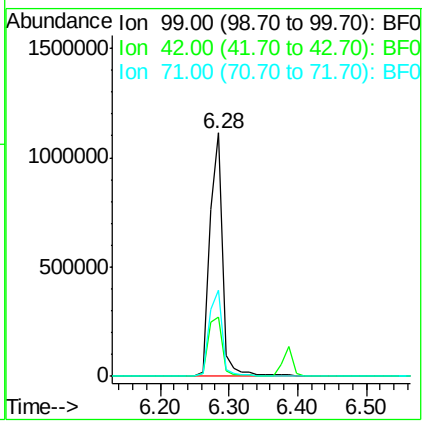


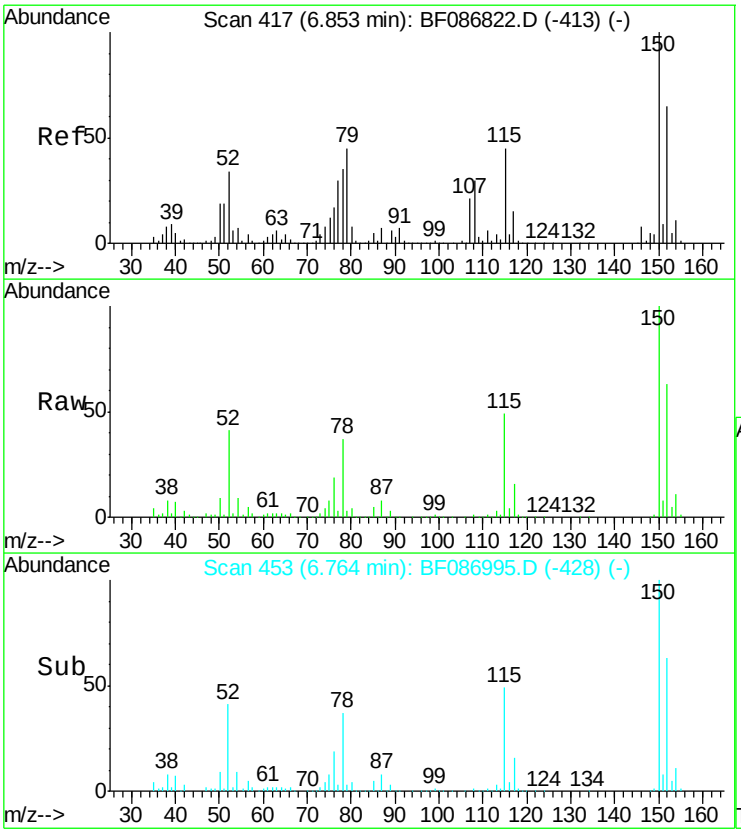
#7
Phenol-d6
Concen: 132.32 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion: 99 Resp: 1450290

Ion	Ratio	Lower	Upper
99	100		
42	24.3	13.6	20.4#
71	35.4	24.6	36.8

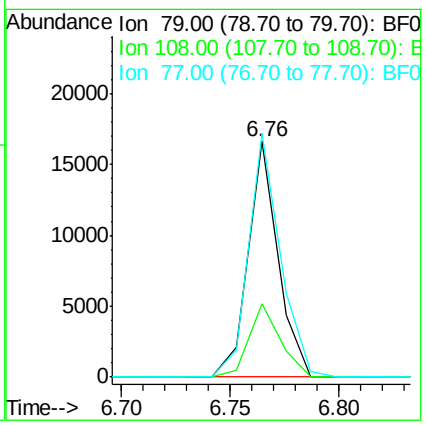


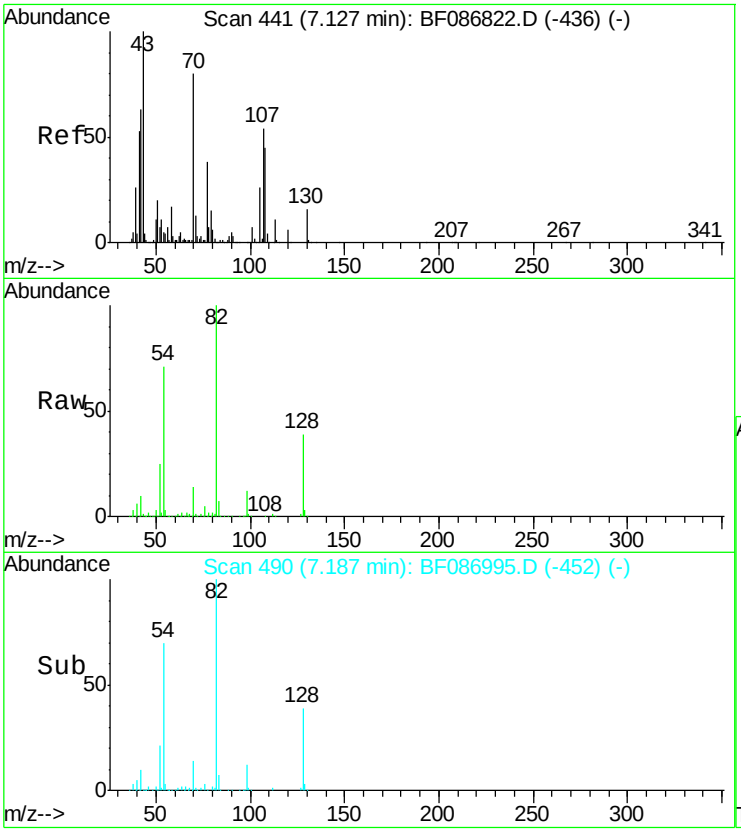


#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Tgt Ion: 79 Resp: 15804

Ion	Ratio	Lower	Upper
79	100		
108	31.1	68.4	102.6#
77	103.5	50.6	76.0#



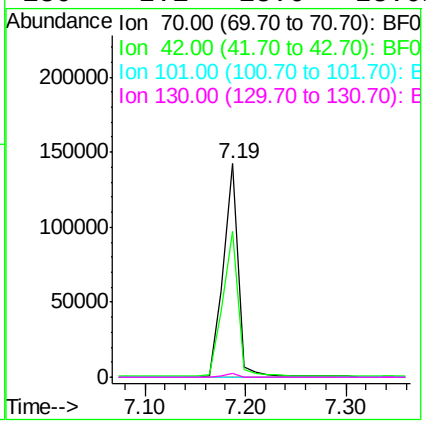


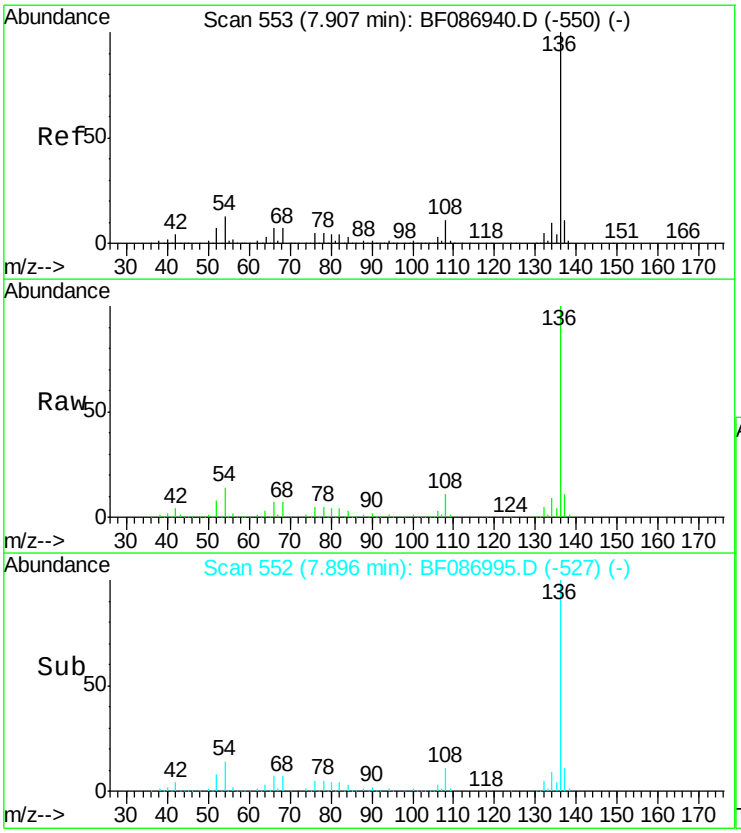
#19
n-Nitroso-di-n-propylamine
Concen: 19.48 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion: 70 Resp: 149225

Ion	Ratio	Lower	Upper
70	100		
42	68.3	43.1	64.7#
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

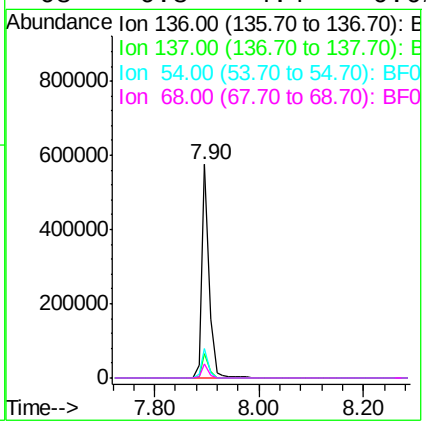


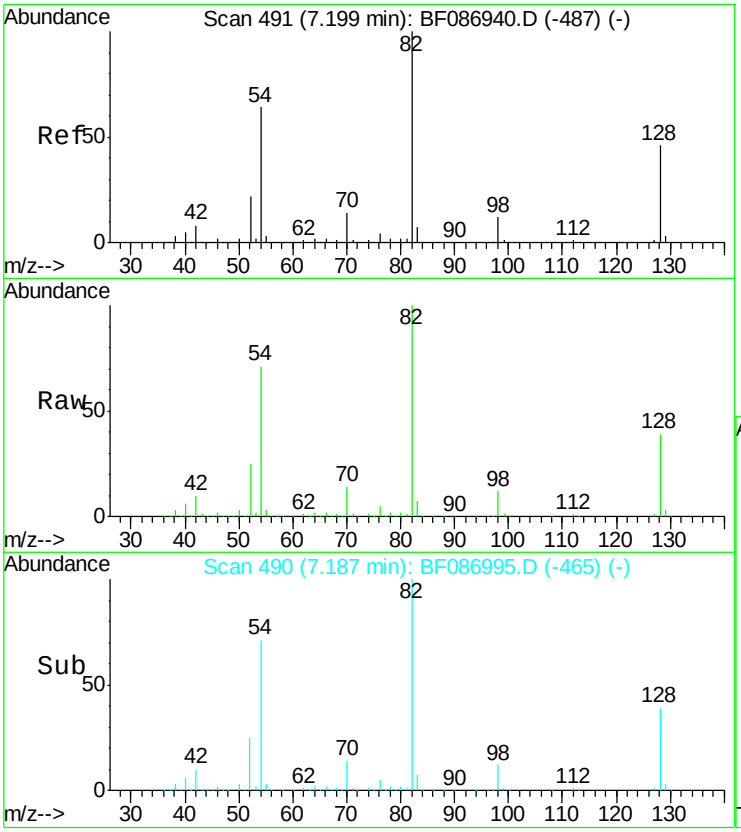


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Tgt Ion:136 Resp: 560541

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.6	5.0	7.4#
68	6.8	4.4	6.6#



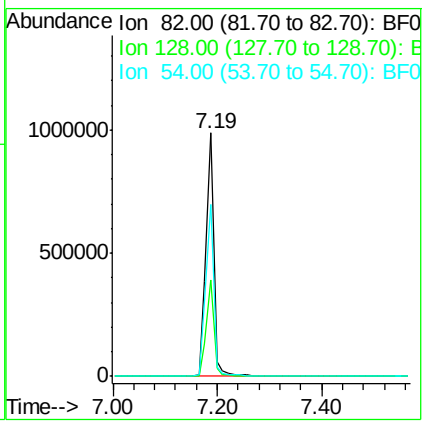


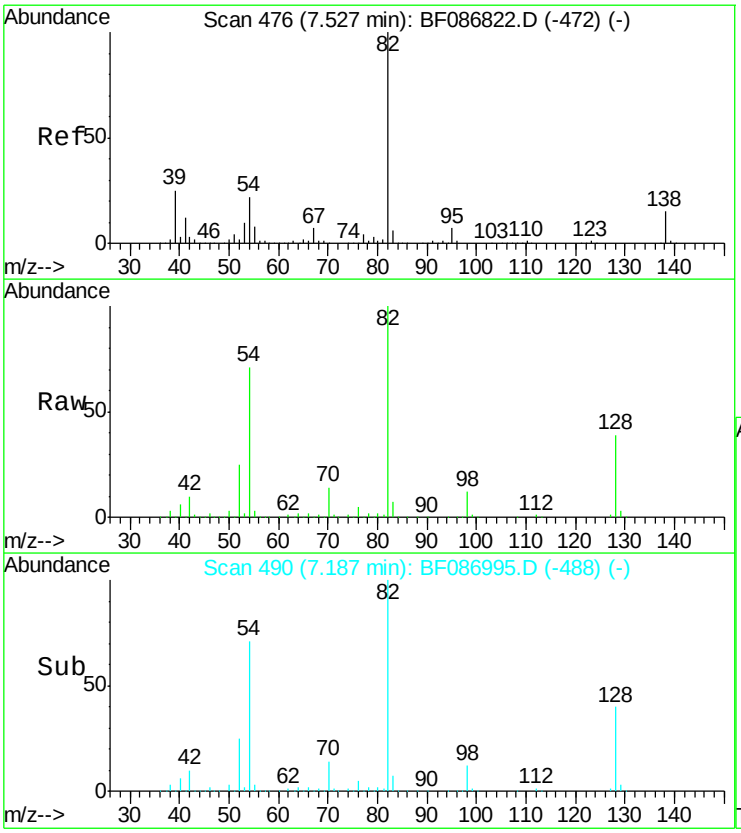
#23
Nitrobenzene-d5
Concen: 93.48 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion: 82 Resp: 1043591

Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	61.0#
54	70.7	38.1	57.1#

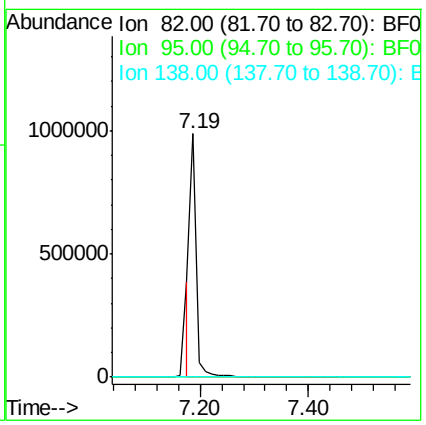


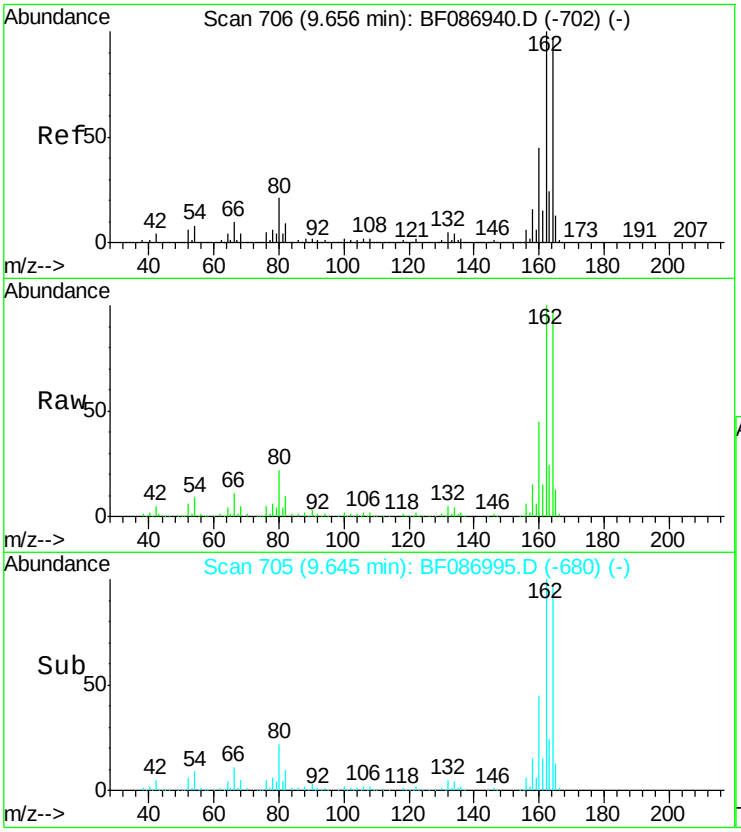


#25
Isophorone
Concen: 36.81 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.27 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Tgt Ion: 82 Resp: 762329

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



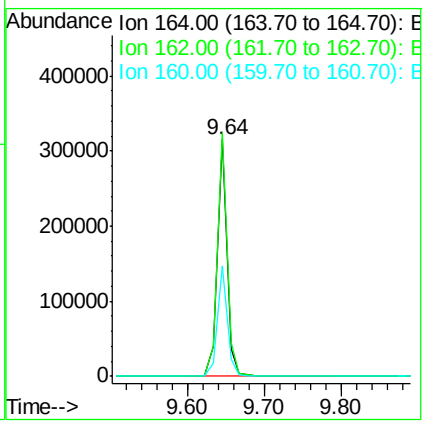


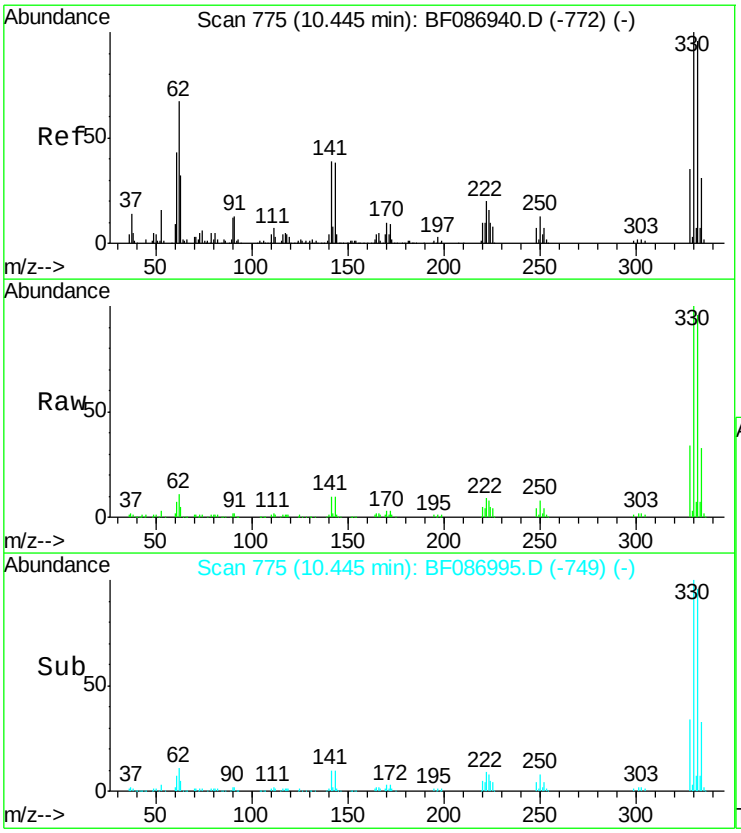
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:164 Resp: 275863

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	46.4	36.9	55.3

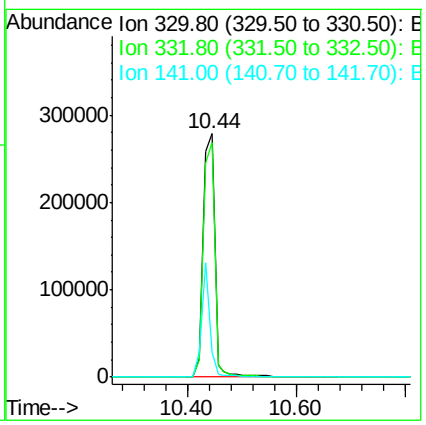


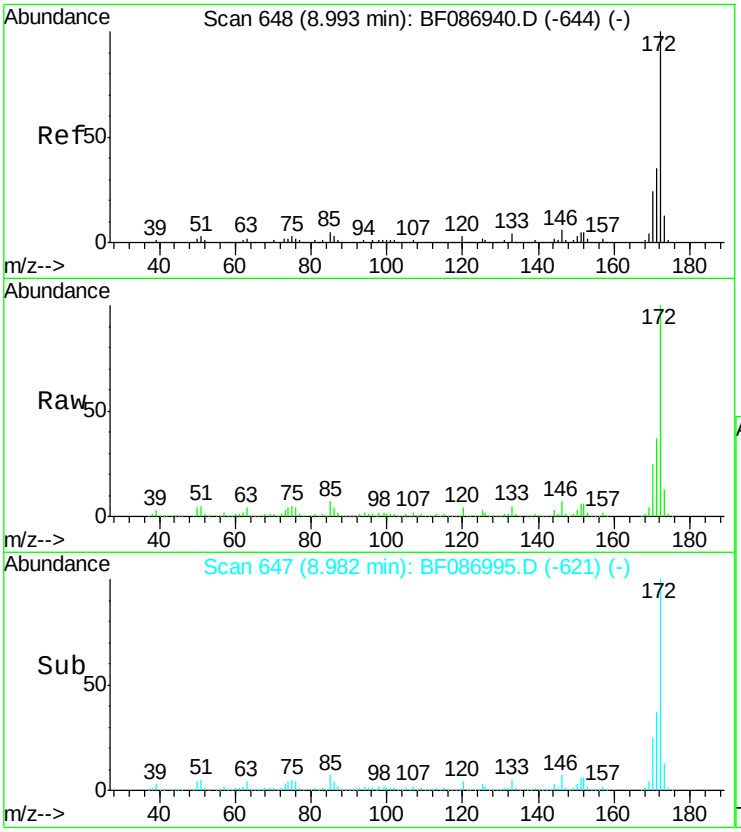


#41
2,4,6-Tribromophenol
Concen: 141.09 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Tgt Ion:330 Resp: 412061

Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	33.4	31.2	46.8



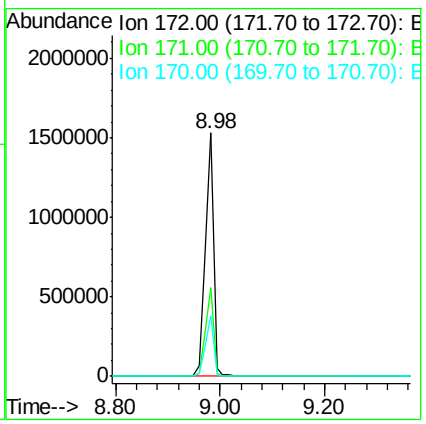


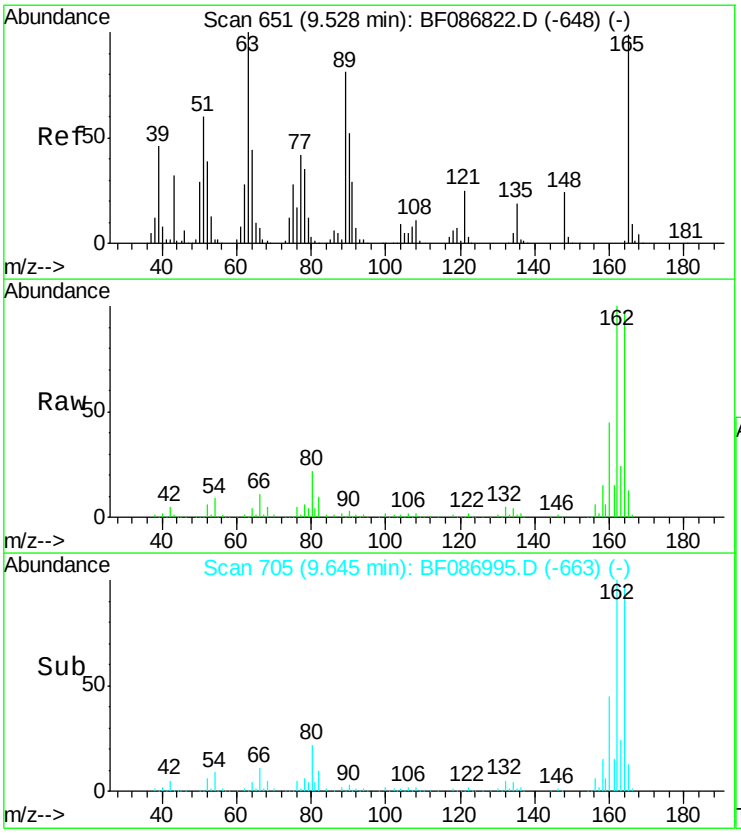
#44
2-Fluorobiphenyl
Concen: 100.10 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:172 Resp: 1643089

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.6	19.8	29.8

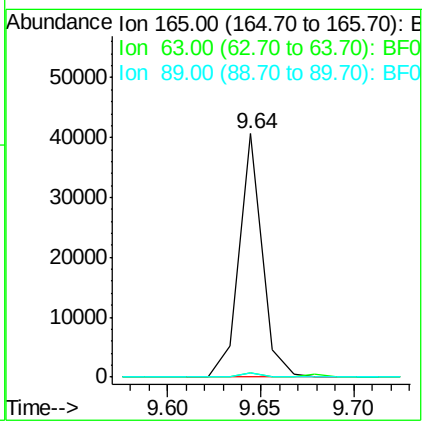


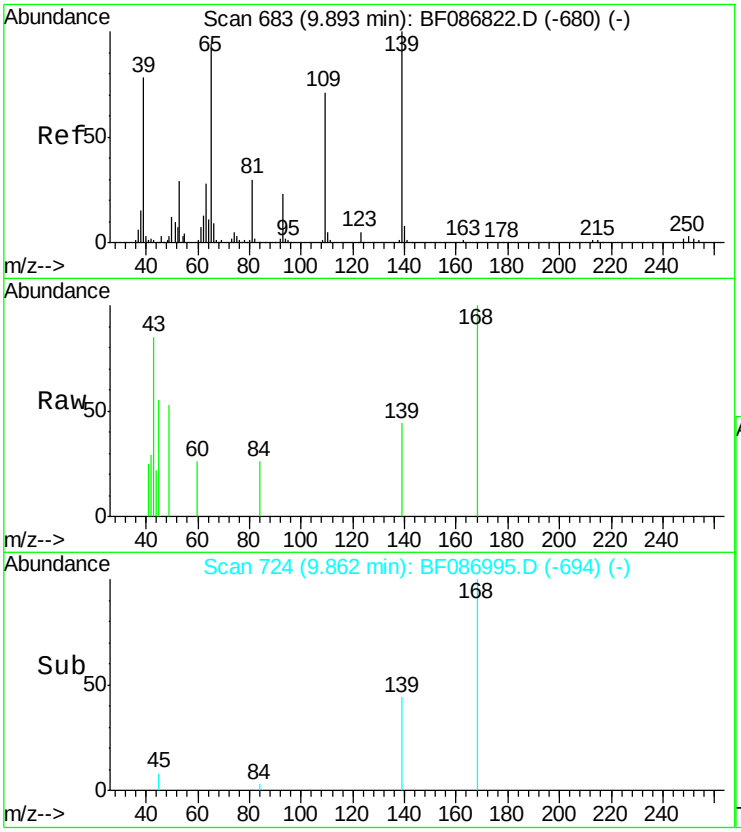


#50
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.18 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Tgt Ion:165 Resp: 34947

Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	1.8	50.7	76.1#



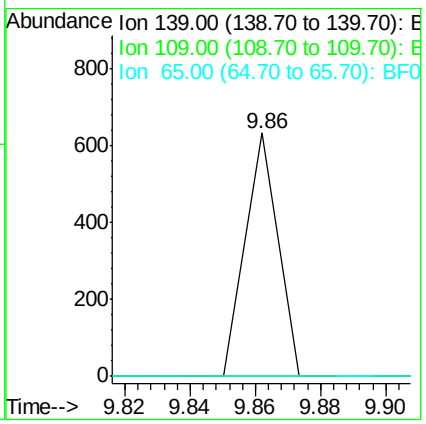


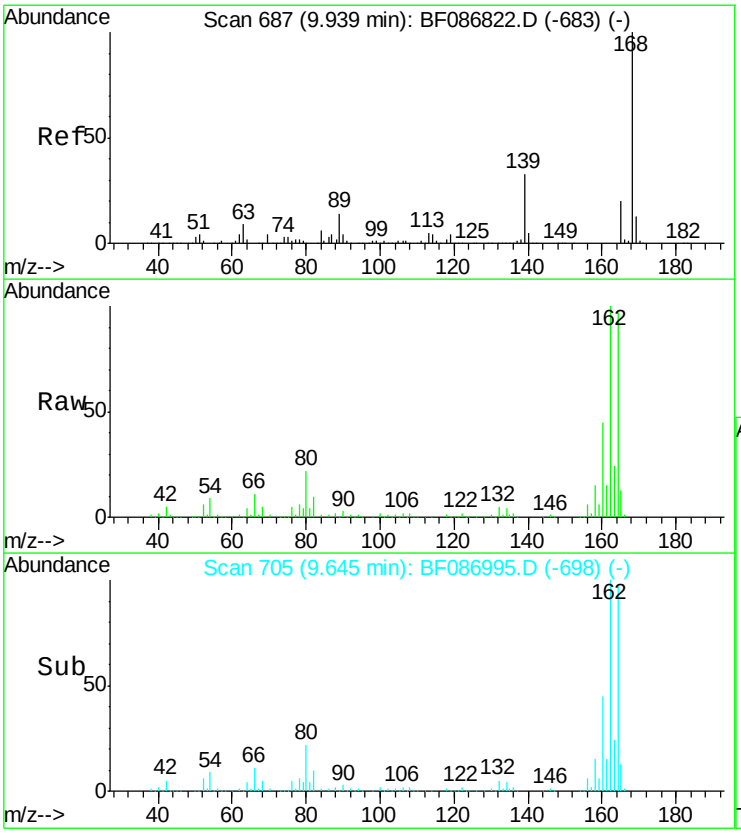
#55
4-Nitrophenol
Concen: 4.69 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.05 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:139 Resp: 433

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

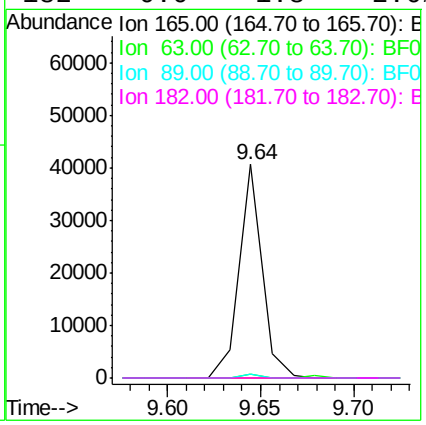


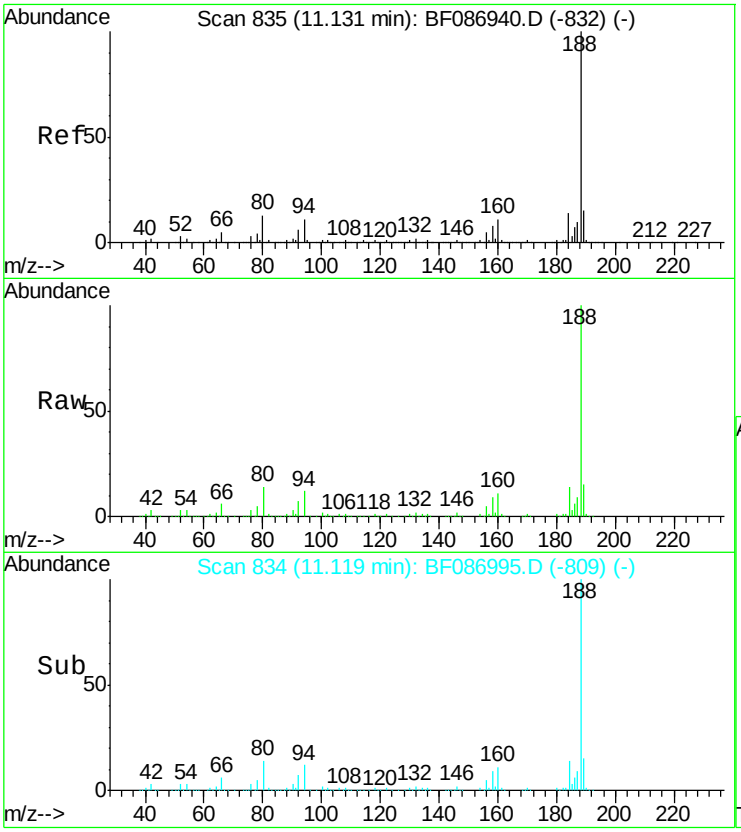


#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.22 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Tgt Ion:165 Resp: 34947

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#



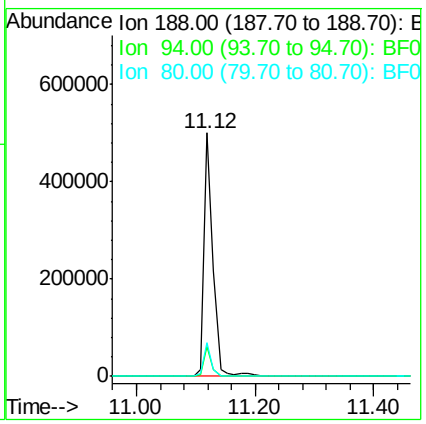


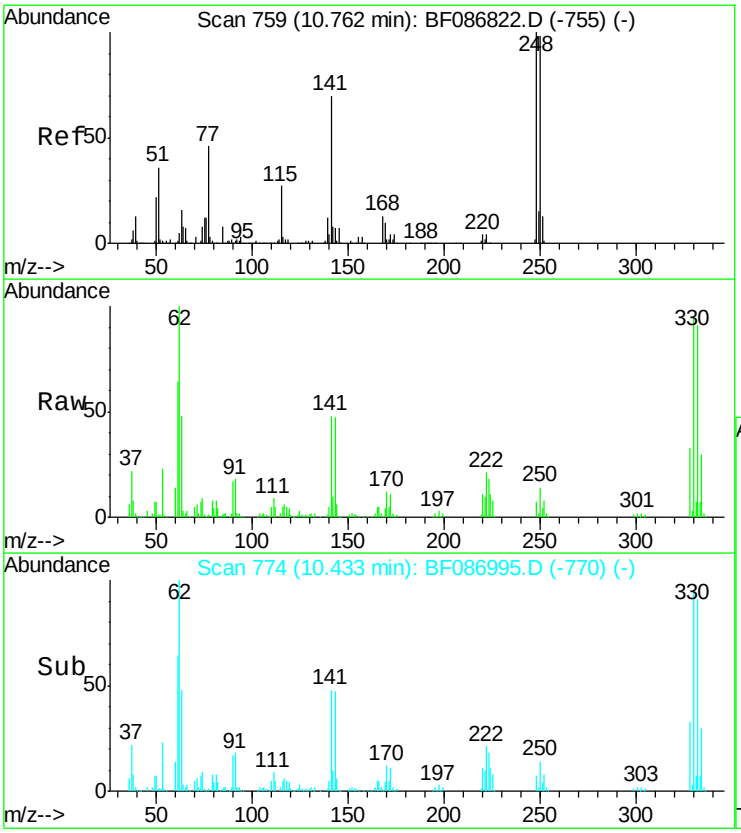
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:188 Resp: 535287

Ion	Ratio	Lower	Upper
188	100		
94	12.5	6.8	10.2#
80	14.0	7.1	10.7#

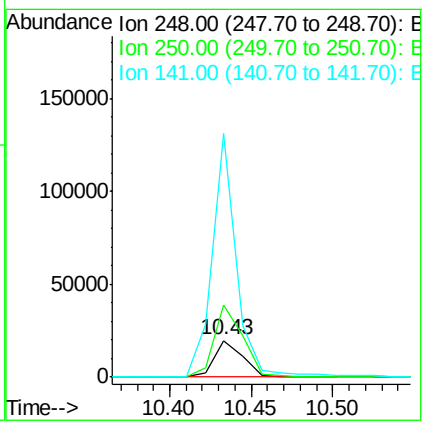


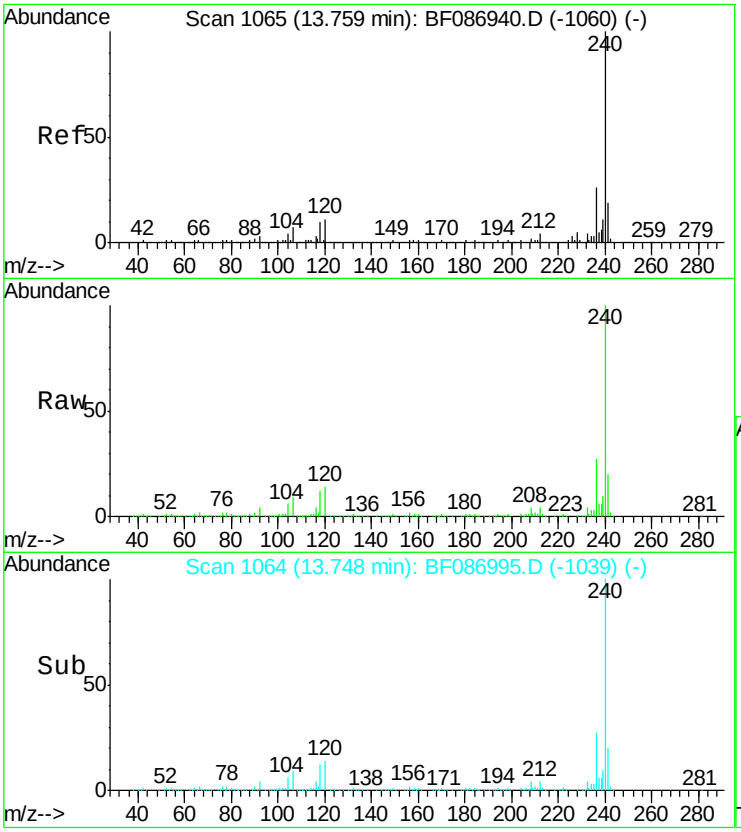


#66
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.25 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Tgt Ion:248 Resp: 23784

Ion	Ratio	Lower	Upper
248	100		
250	196.8	78.6	117.8#
141	662.6	76.0	114.0#



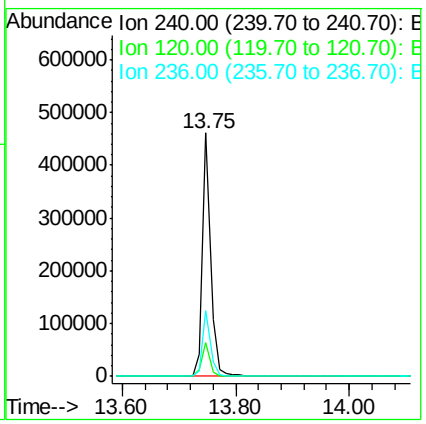


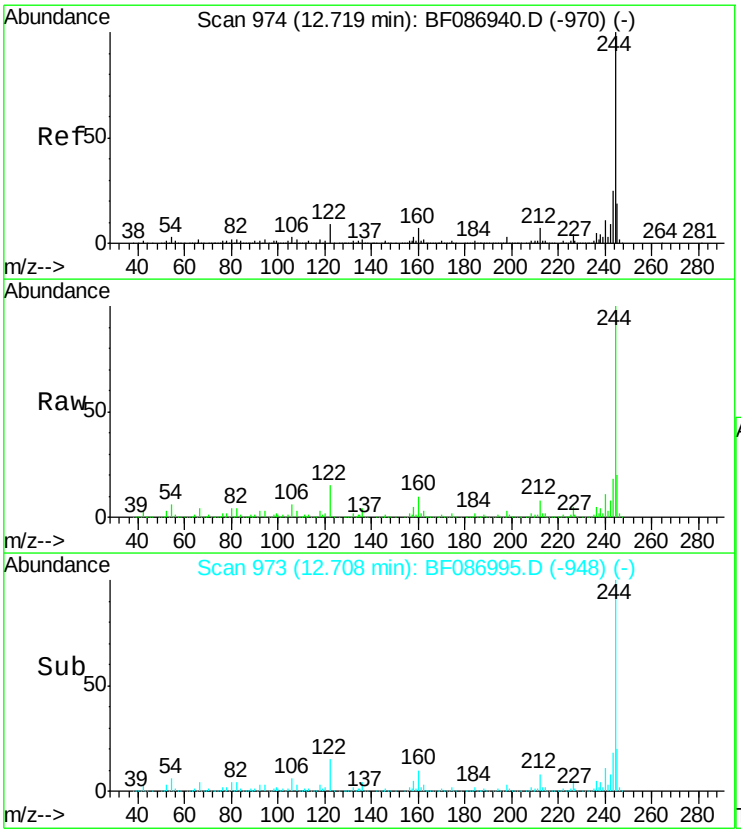
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:240 Resp: 442931

Ion	Ratio	Lower	Upper
240	100		
120	13.9	11.2	16.8
236	26.8	21.2	31.8

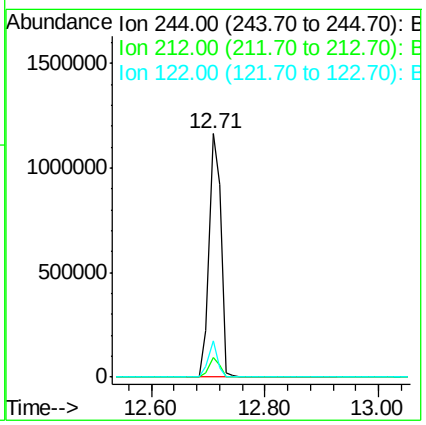


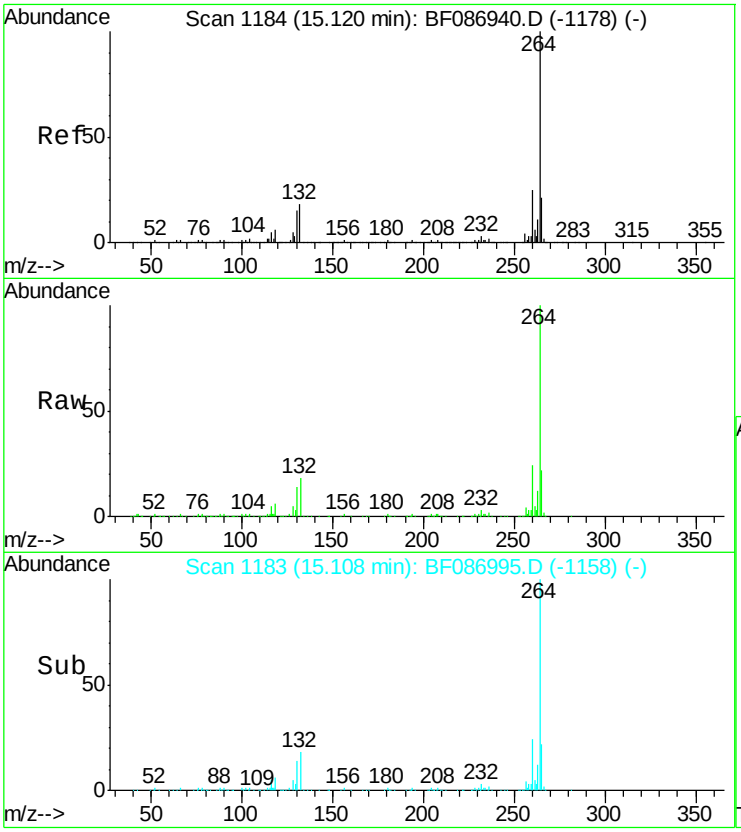


#78
Terphenyl-d14
Concen: 77.46 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Tgt Ion:244 Resp: 1617084

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.9	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF086995.D
Acq: 14 May 2016 3:11

Instrument :
BNA_F
ClientSampleId :
TP11-8-9FT

Tgt Ion:264 Resp: 319198

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.3	25.9