Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081915\
Data File : BF081115.D
Acq On : 20 Aug 2015 8:47
Operator : UM/IZ
Sample : G3319-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-3(12-25FTBGS)

Quant Time: Aug 20 11:27:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	66571	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	260899	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	118375	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	262260	20.00	ng		0.00
75) Chrysene-d12	13.71	240	229272	20.00	ng		0.00
86) Perylene-d12	15.04	264	175143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	442886	100.07	ng		0.02
7) Phenol-d6	6.23	99	577907	100.07	ng		0.00
23) Nitrobenzene-d5	7.16	82	415385	72.73	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	124290	121.13	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	669975	74.16	ng		-0.01
78) Terphenyl-d14	12.68	244	744702	69.63	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	13568	3.64	ng		82
19) n-Nitroso-di-n-propylamine	7.16	70	56782	14.19	ng	#	69
50) 2,6-Dinitrotoluene	9.61	165	15553	7.43	ng	#	20
56) 2,4-Dinitrotoluene	9.61	165	15553	5.61	ng	#	16
66) 4-Bromophenyl-phenylether	10.40	248	9524	3.70	ng	#	1

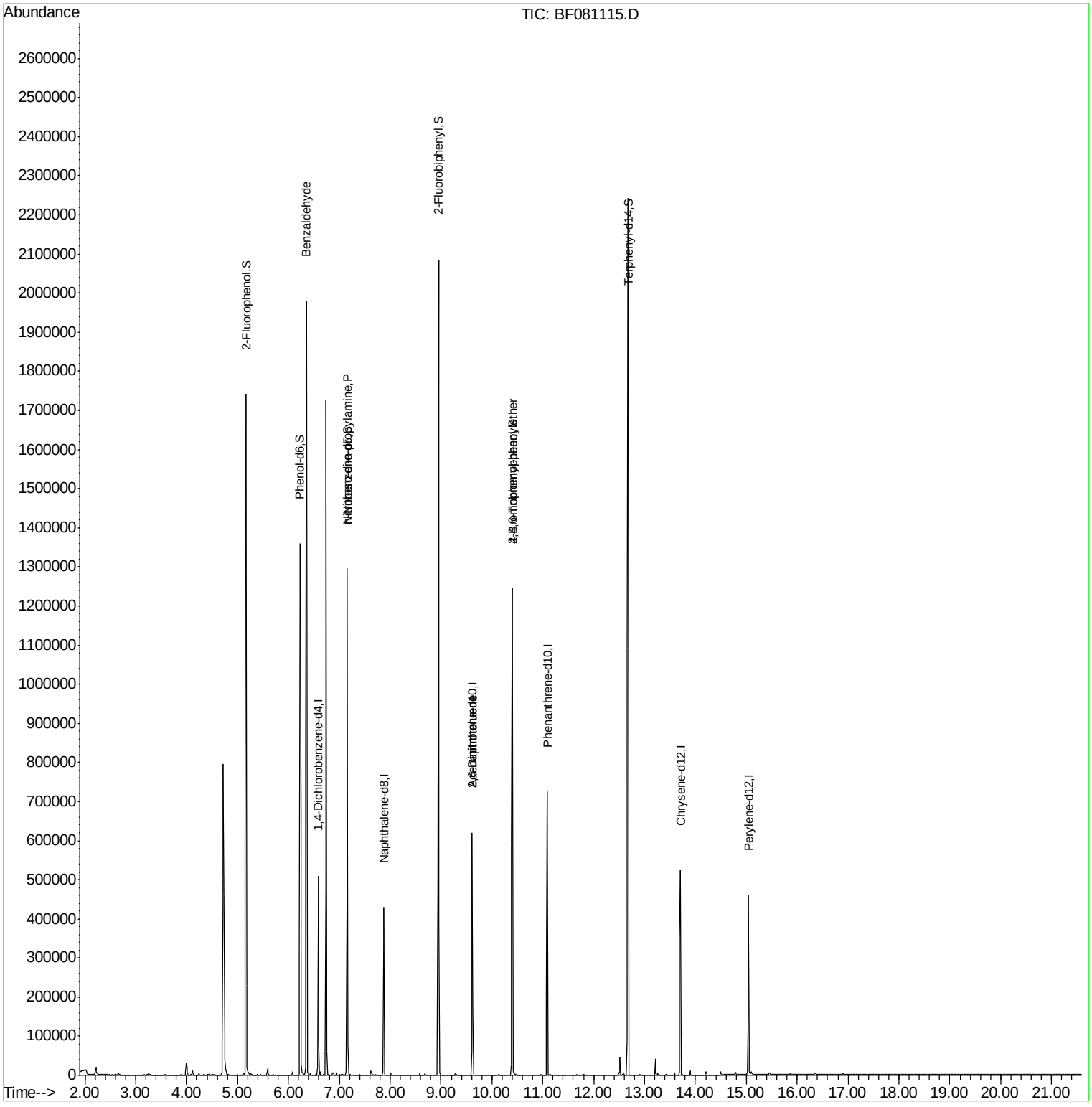
(#) = qualifier out of range (m) = manual integration (+) = signals summed

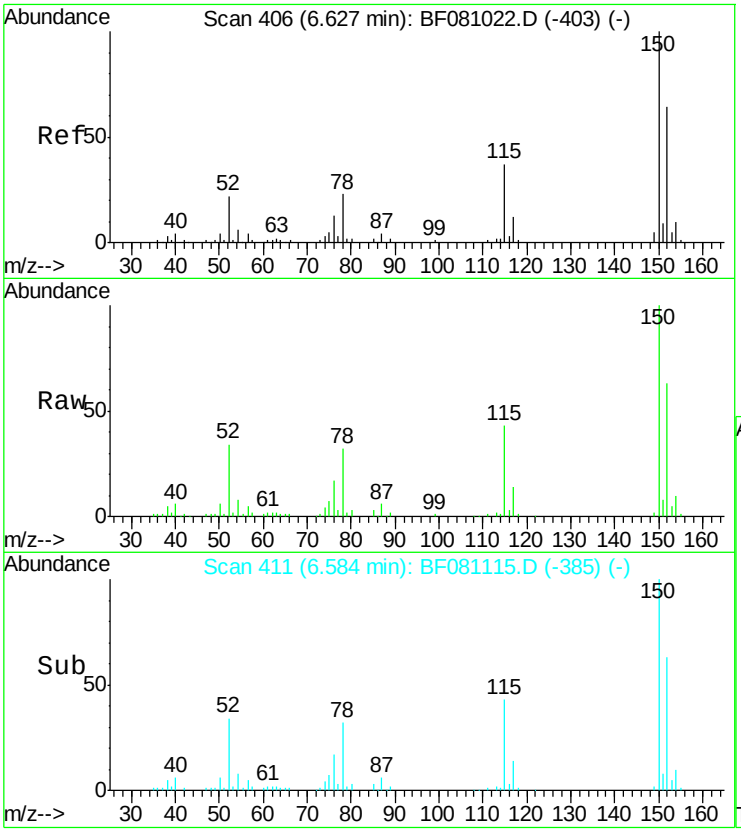
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081915\
Data File : BF081115.D
Acq On : 20 Aug 2015 8:47
Operator : UM/IZ
Sample : G3319-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Quant Time: Aug 20 11:27:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration



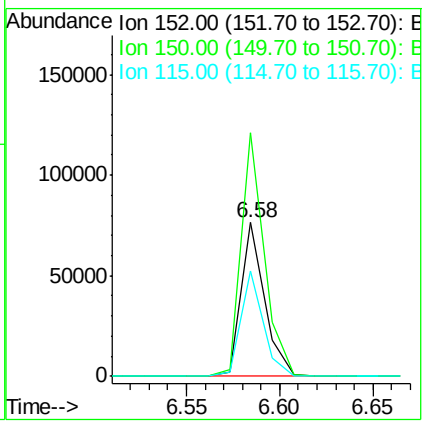


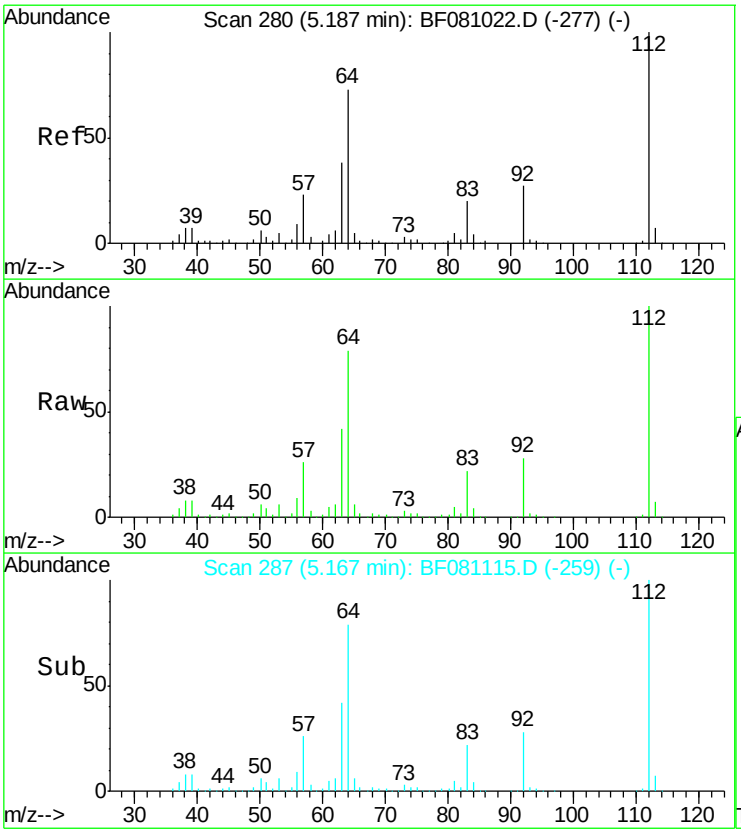
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:152 Resp: 66571

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.8	185.6
115	68.4	52.1	78.1

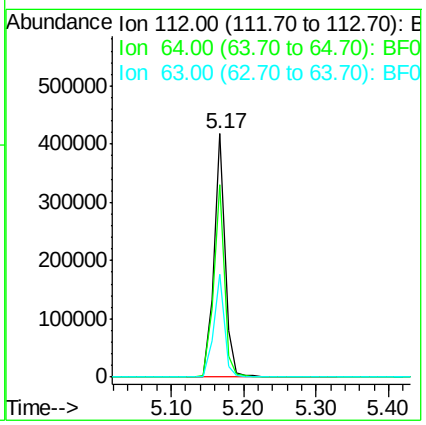


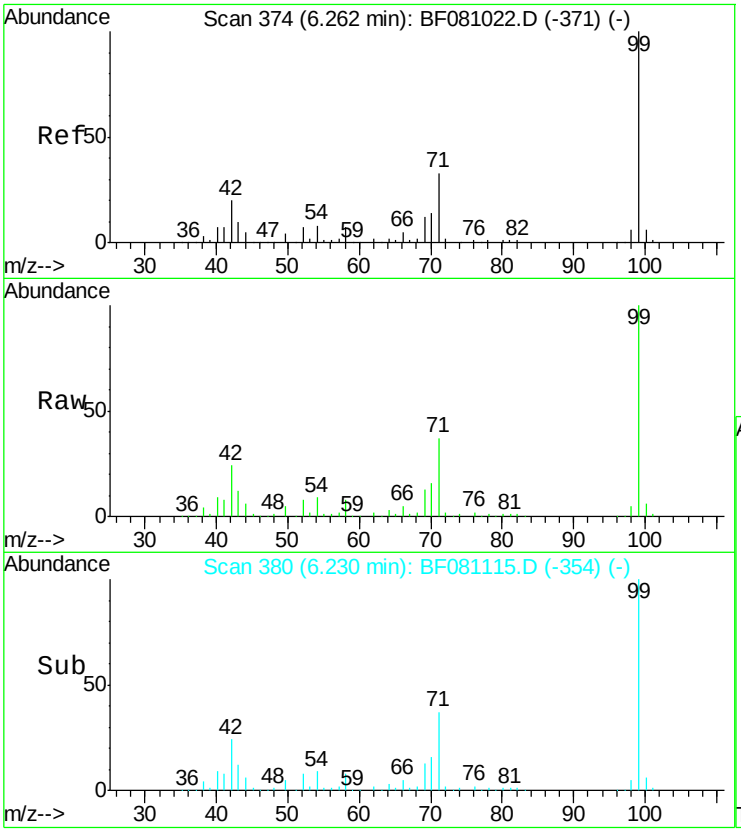


#5
2-Fluorophenol
Concen: 100.07 ng
RT: 5.17 min Scan# 287
Delta R.T. 0.02 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Tgt Ion:112 Resp: 442886

Ion	Ratio	Lower	Upper
112	100		
64	78.9	66.9	100.3
63	42.3	38.1	57.1



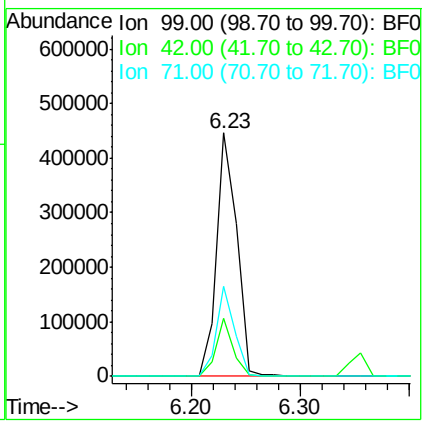


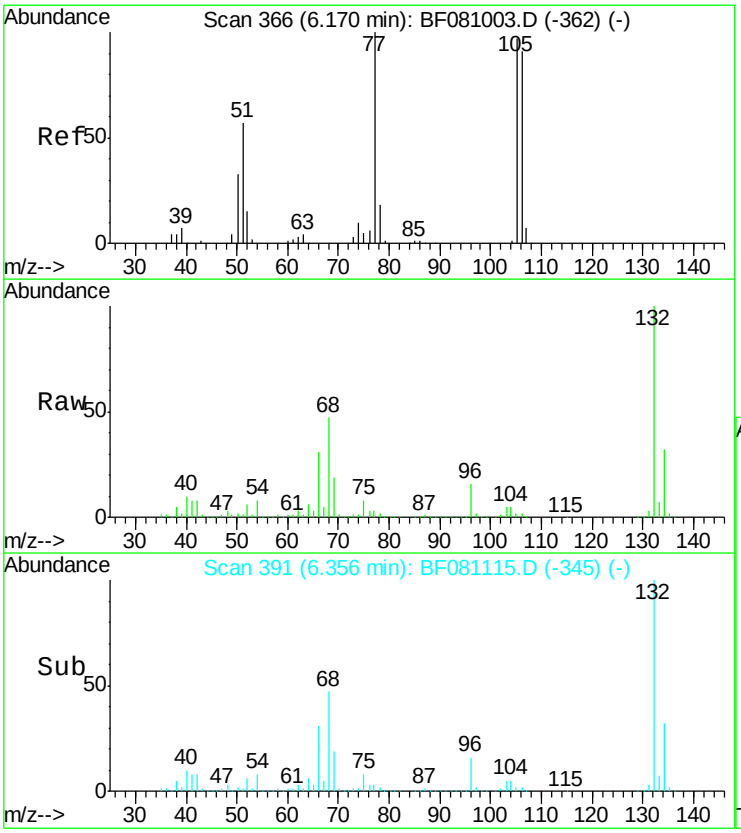
#7
Phenol-d6
Concen: 100.07 ng
RT: 6.23 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion: 99 Resp: 577907

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.6	29.4
71	36.8	31.2	46.8

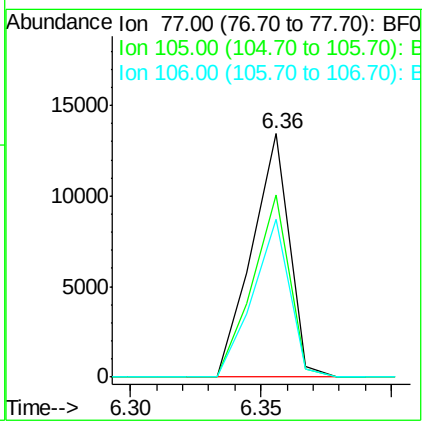


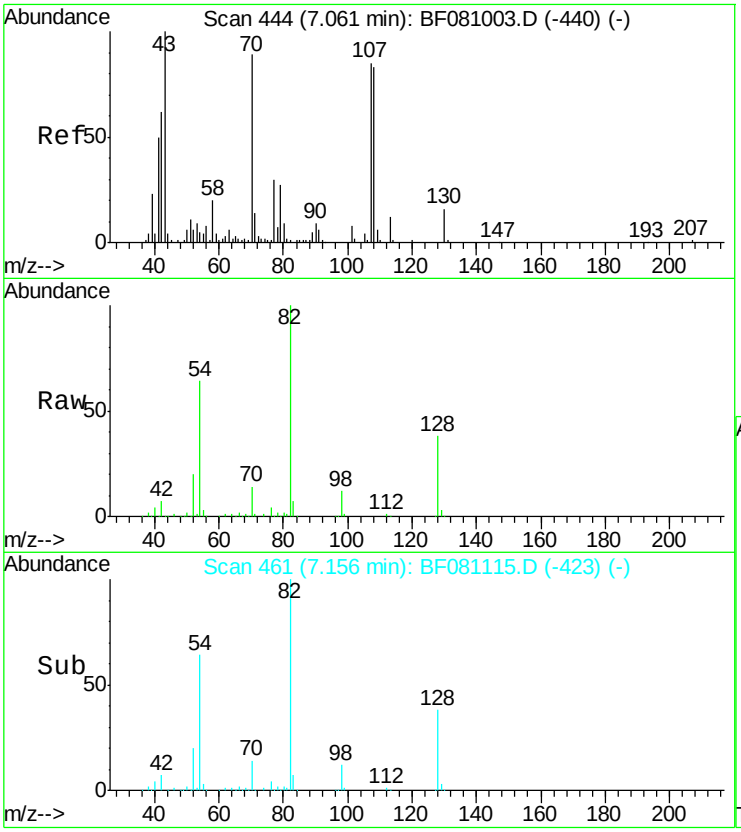


#9
Benzaldehyde
Concen: 3.64 ng
RT: 6.36 min Scan# 391
Delta R.T. 0.23 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Tgt Ion: 77 Resp: 13568

Ion	Ratio	Lower	Upper
77	100		
105	74.7	69.6	109.6
106	65.0	64.0	104.0



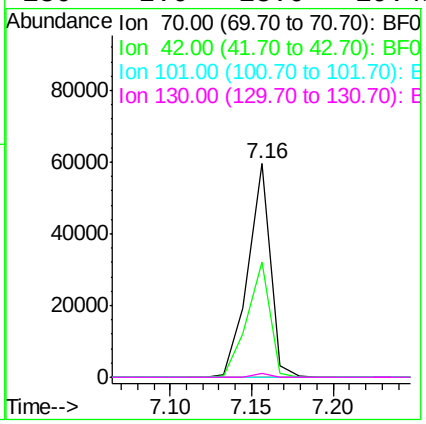


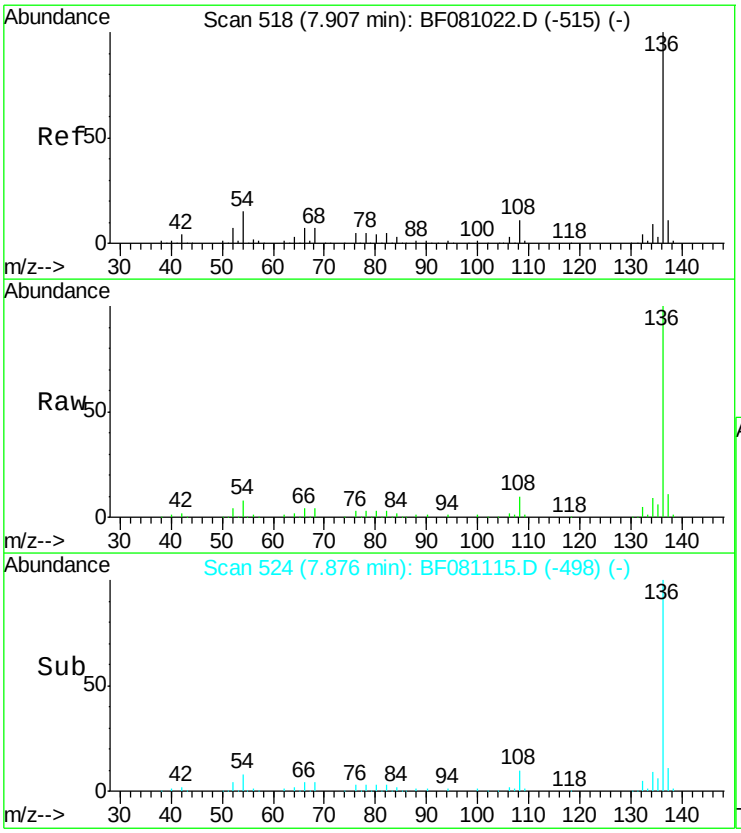
#19
n-Nitroso-di-n-propylamine
Concen: 14.19 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion: 70 Resp: 56782

Ion	Ratio	Lower	Upper
70	100		
42	53.7	65.0	97.4#
101	0.0	7.4	11.2#
130	2.0	13.0	19.4#

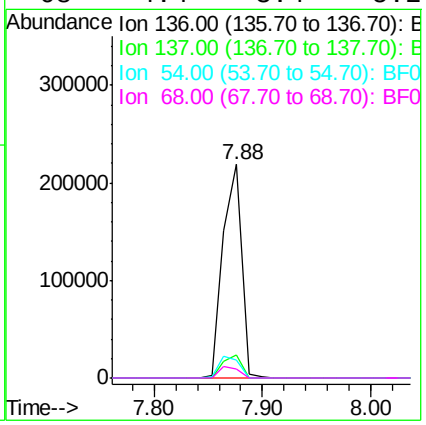


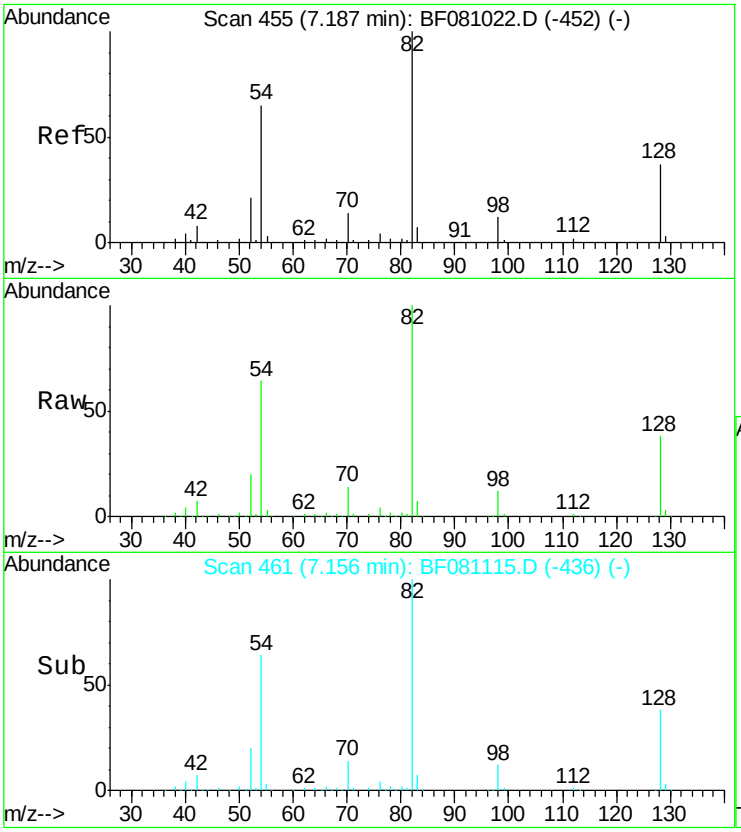


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Tgt Ion:136 Resp: 260899

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	8.5	7.7	11.5
68	4.4	3.4	5.2



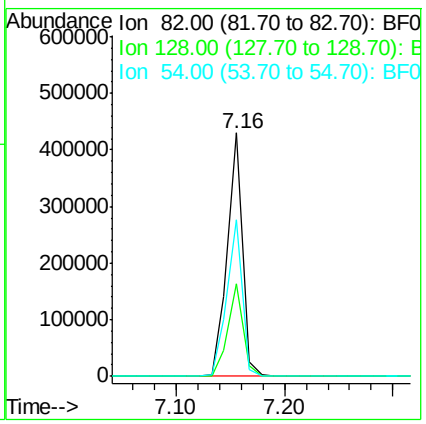


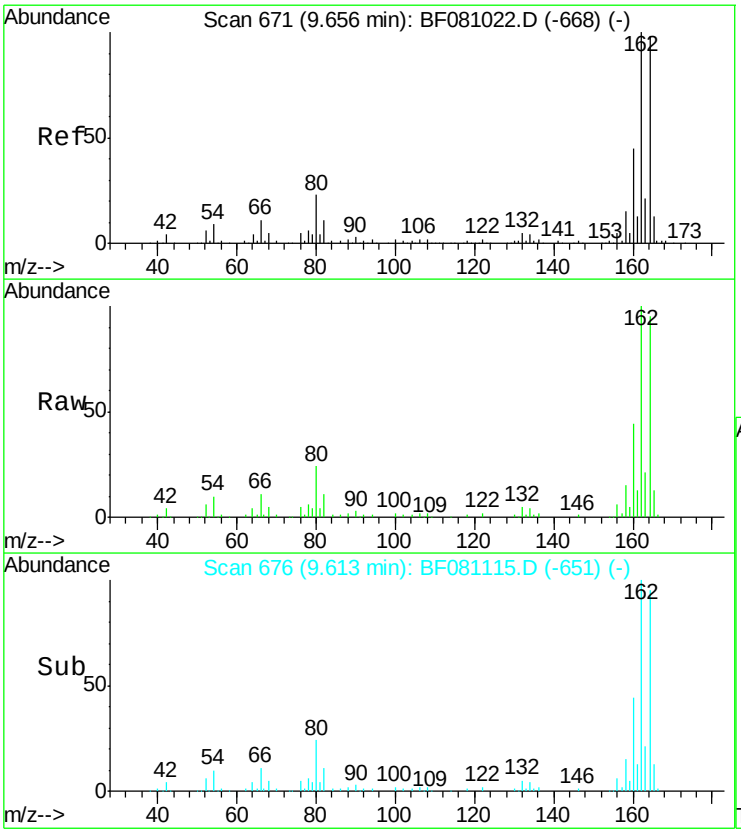
#23
Nitrobenzene-d5
Concen: 72.73 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion: 82 Resp: 415385

Ion	Ratio	Lower	Upper
82	100		
128	37.9	28.6	42.8
54	64.3	55.1	82.7

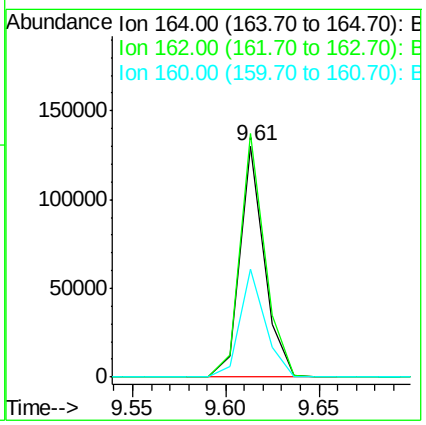


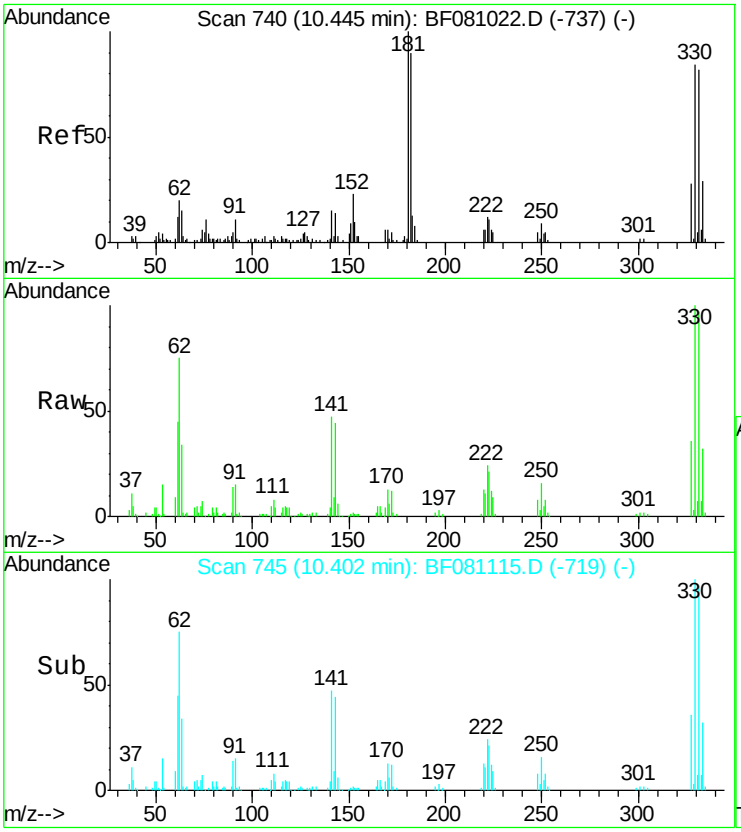


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Tgt Ion:164 Resp: 118375

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.8	125.8
160	46.8	39.8	59.8



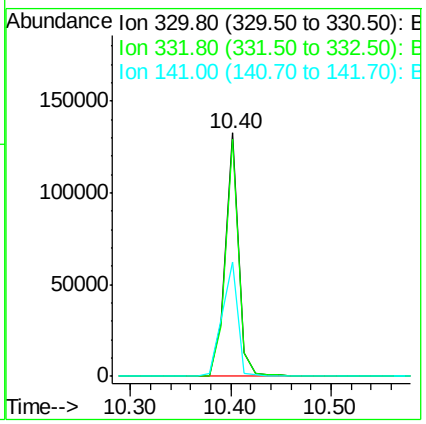


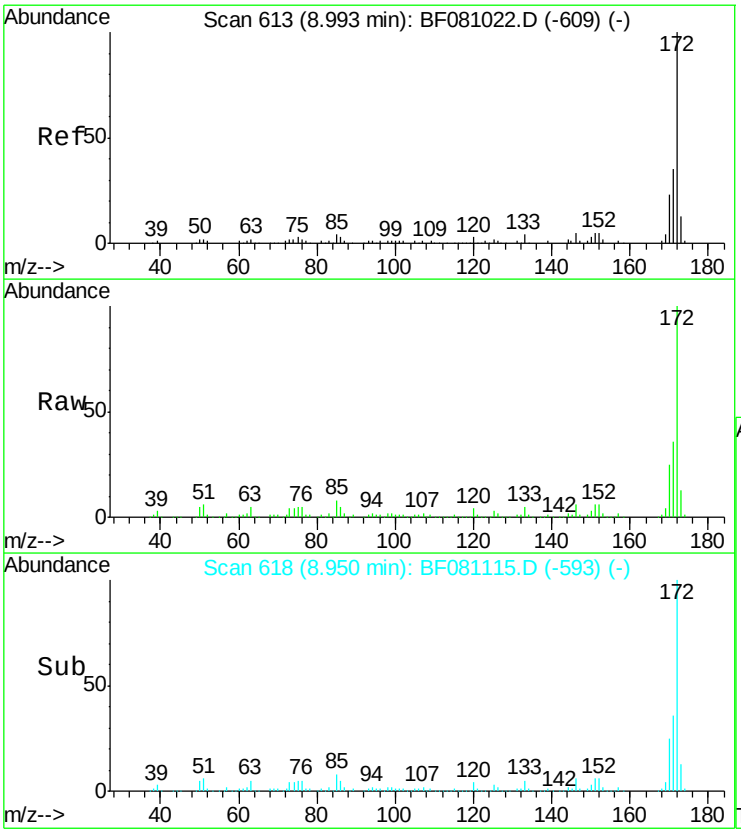
#41
2,4,6-Tribromophenol
Concen: 121.13 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:330 Resp: 124290

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	54.4	44.9	67.3

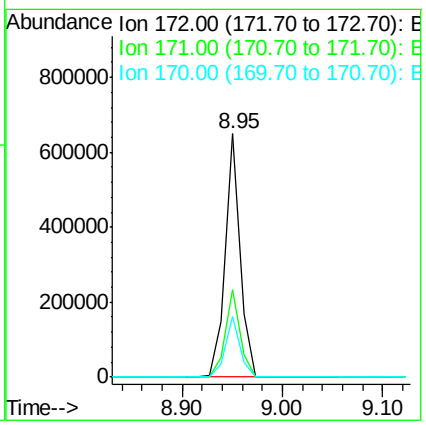


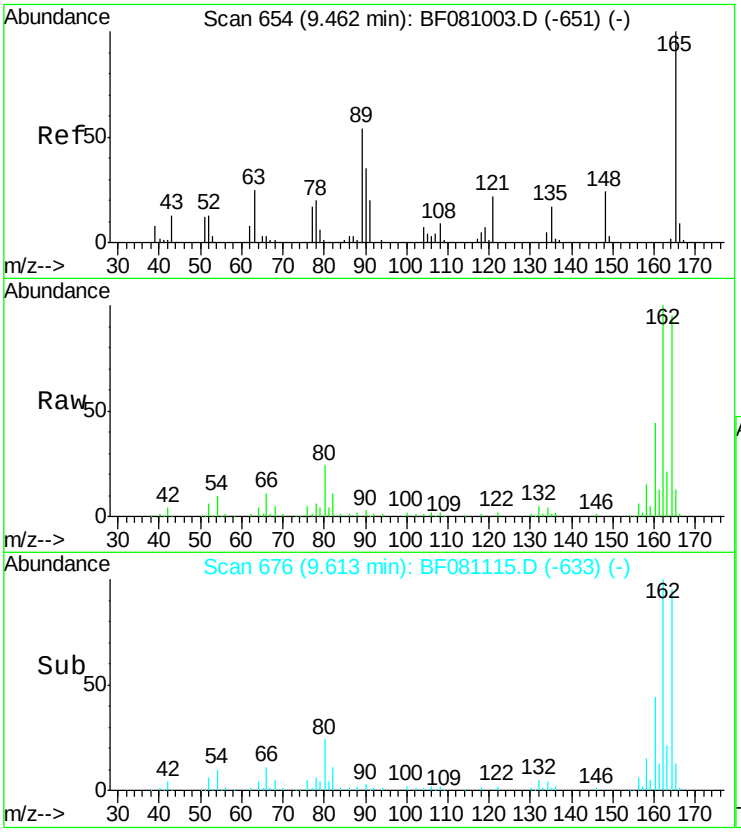


#44
2-Fluorobiphenyl
Concen: 74.16 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Tgt Ion:172 Resp: 669975

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.8	19.4	29.2



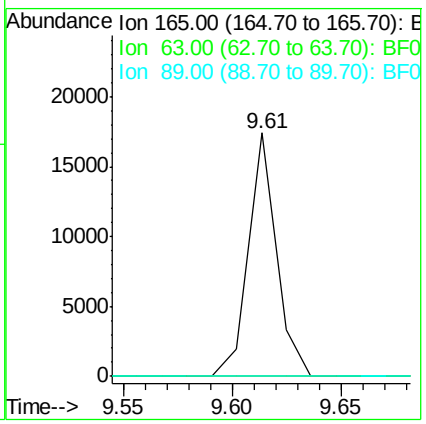


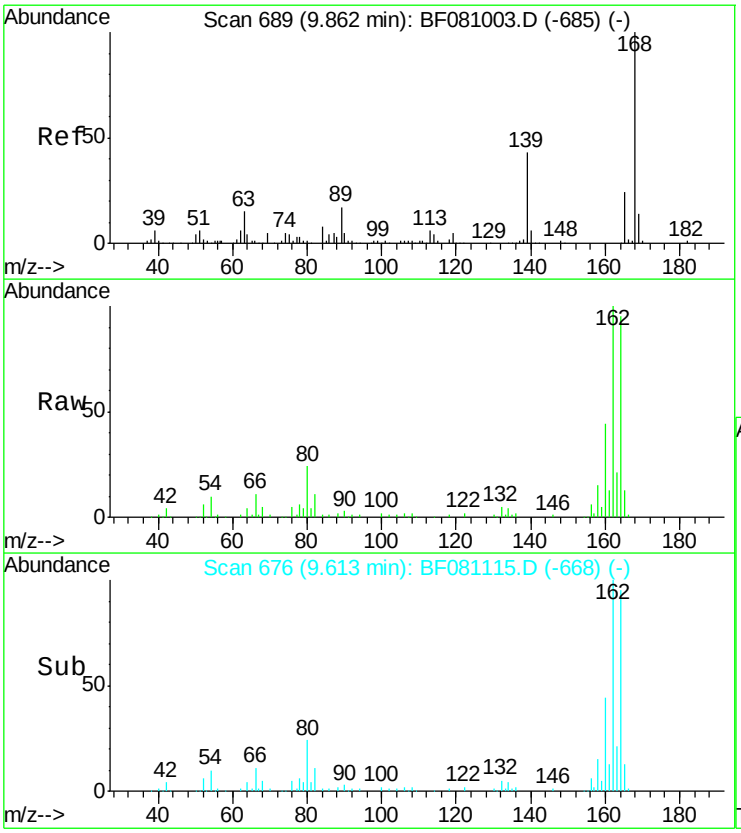
#50
2,6-Dinitrotoluene
Concen: 7.43 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.19 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:165 Resp: 15553

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#

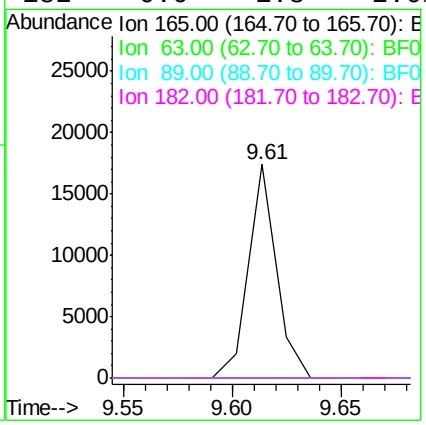


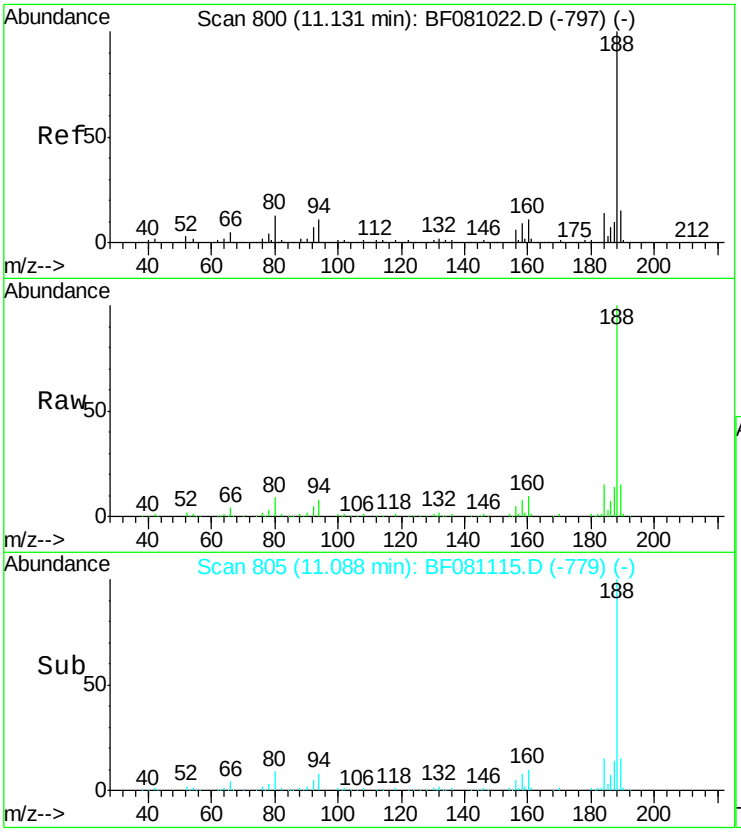


#56
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Tgt Ion:165 Resp: 15553

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



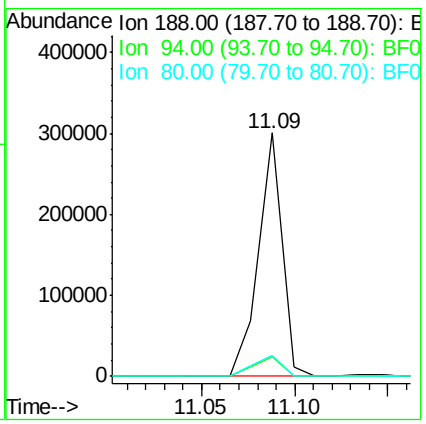


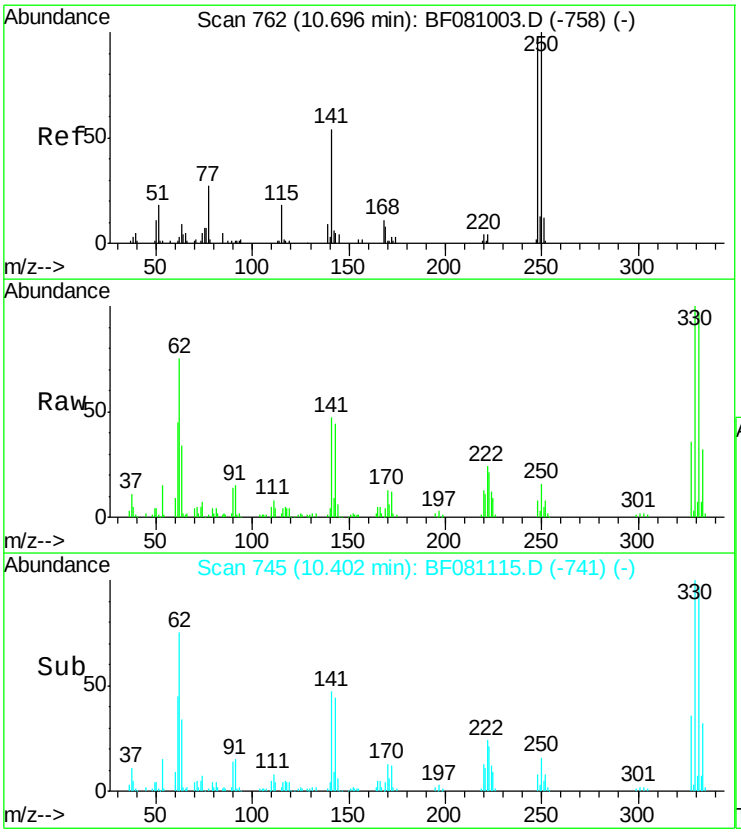
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:188 Resp: 262260

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.7	9.5	14.3#

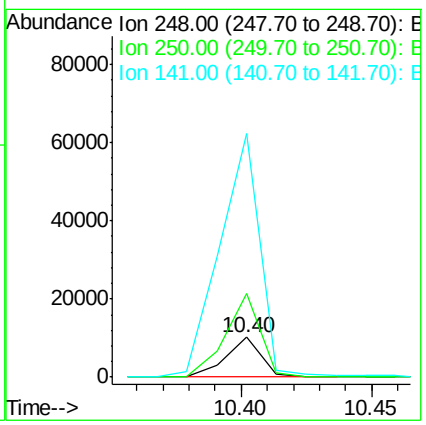


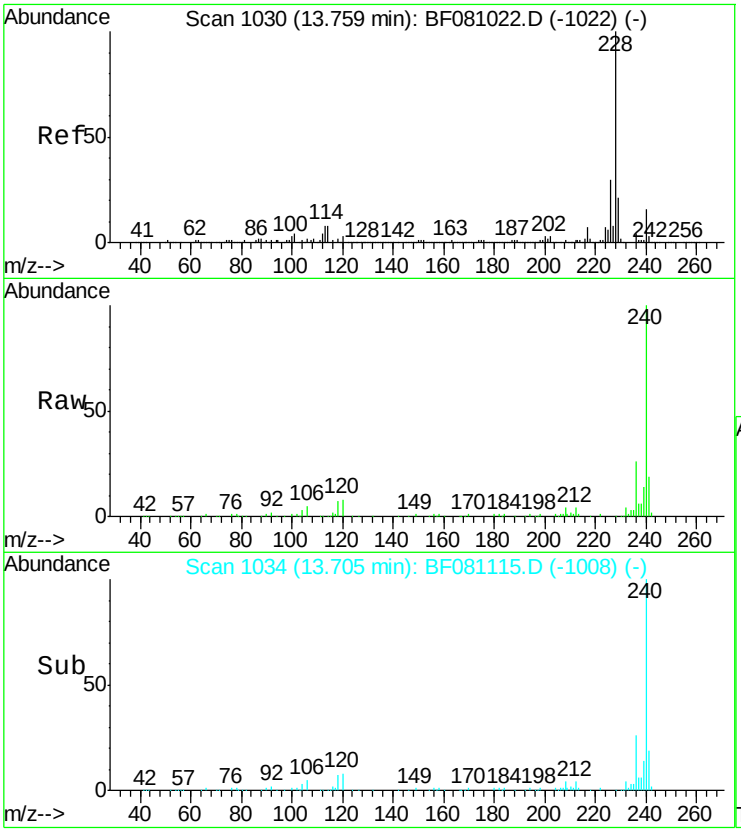


#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Tgt Ion:248 Resp: 9524

Ion	Ratio	Lower	Upper
248	100		
250	209.7	77.8	116.6#
141	614.7	39.8	59.6#



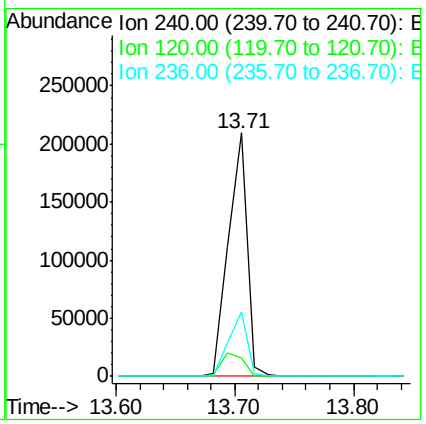


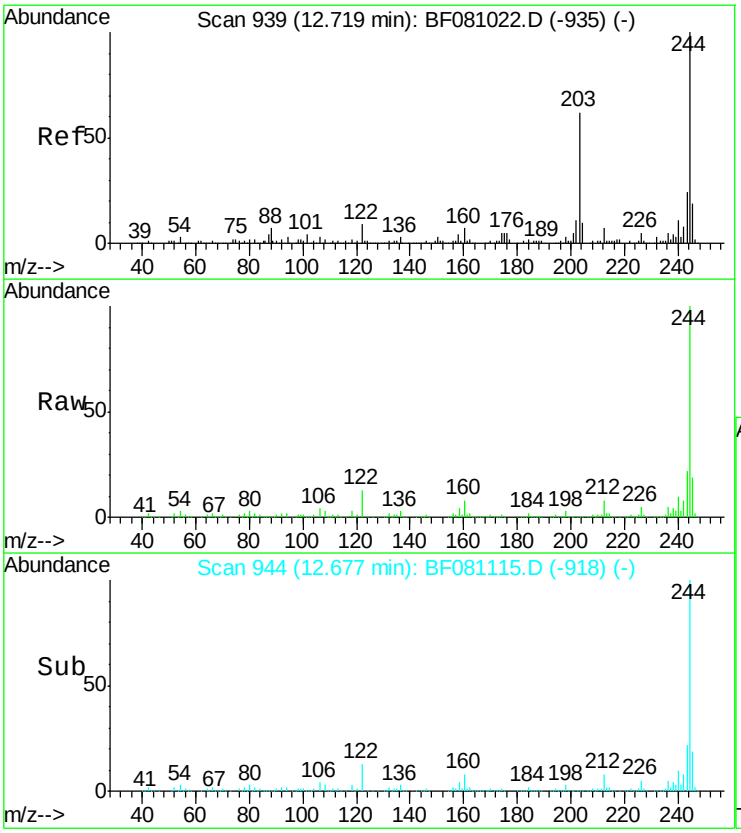
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:240 Resp: 229272

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.6	8.4
236	26.4	20.6	30.8

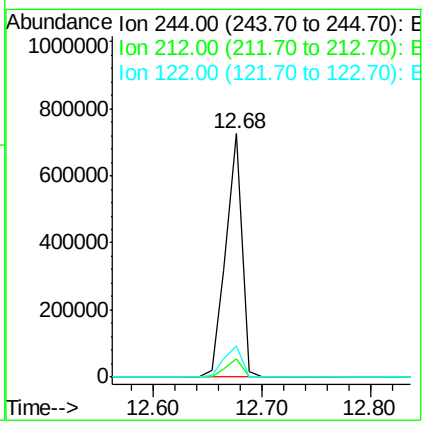


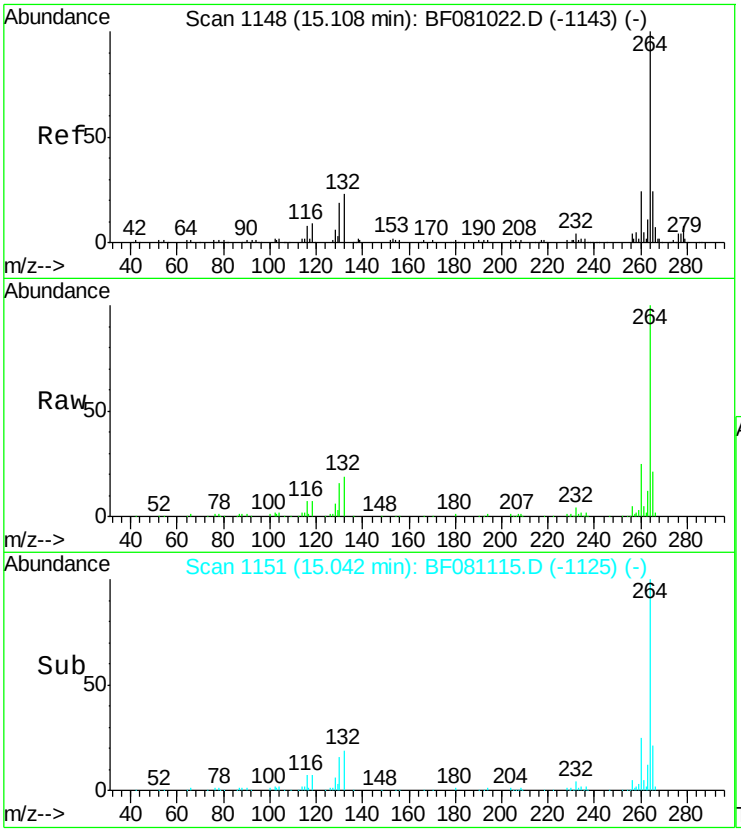


#78
Terphenyl-d14
Concen: 69.63 ng
RT: 12.68 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Tgt Ion:244 Resp: 744702

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	12.6	8.2	12.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:264 Resp: 175143

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.5	17.5	26.3