Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086176.D
Acq On : 8 Apr 2016 18:59
Operator : UM/SJ
Sample : PB89682BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89682BL

Quant Time: Apr 08 23:21:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117684	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	491257	20.00	ng		-0.06
38) Acenaphthene-d10	9.76	164	231422	20.00	ng		-0.06
63) Phenanthrene-d10	11.24	188	465451	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	345381	20.00	ng		-0.05
86) Perylene-d12	15.28	264	249132	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	847339	123.07	ng		-0.03
7) Phenol-d6	6.37	99	918435	105.02	ng		-0.05
23) Nitrobenzene-d5	7.30	82	685888	82.34	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	292697	134.75	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1201345	86.31	ng		-0.05
78) Terphenyl-d14	12.83	244	1134804	77.23	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	18662	3.97	ng		88
19) n-Nitroso-di-n-propylamine	7.30	70	88707	16.37	ng	#	76
25) Isophorone	7.30	82	685208	41.67	ng	#	68
50) 2,6-Dinitrotoluene	9.76	165	29668	8.18	ng	#	18
56) 2,4-Dinitrotoluene	9.76	165	29670	6.47	ng	#	36
66) 4-Bromophenyl-phenylether	10.56	248	18868	3.97	ng	#	1

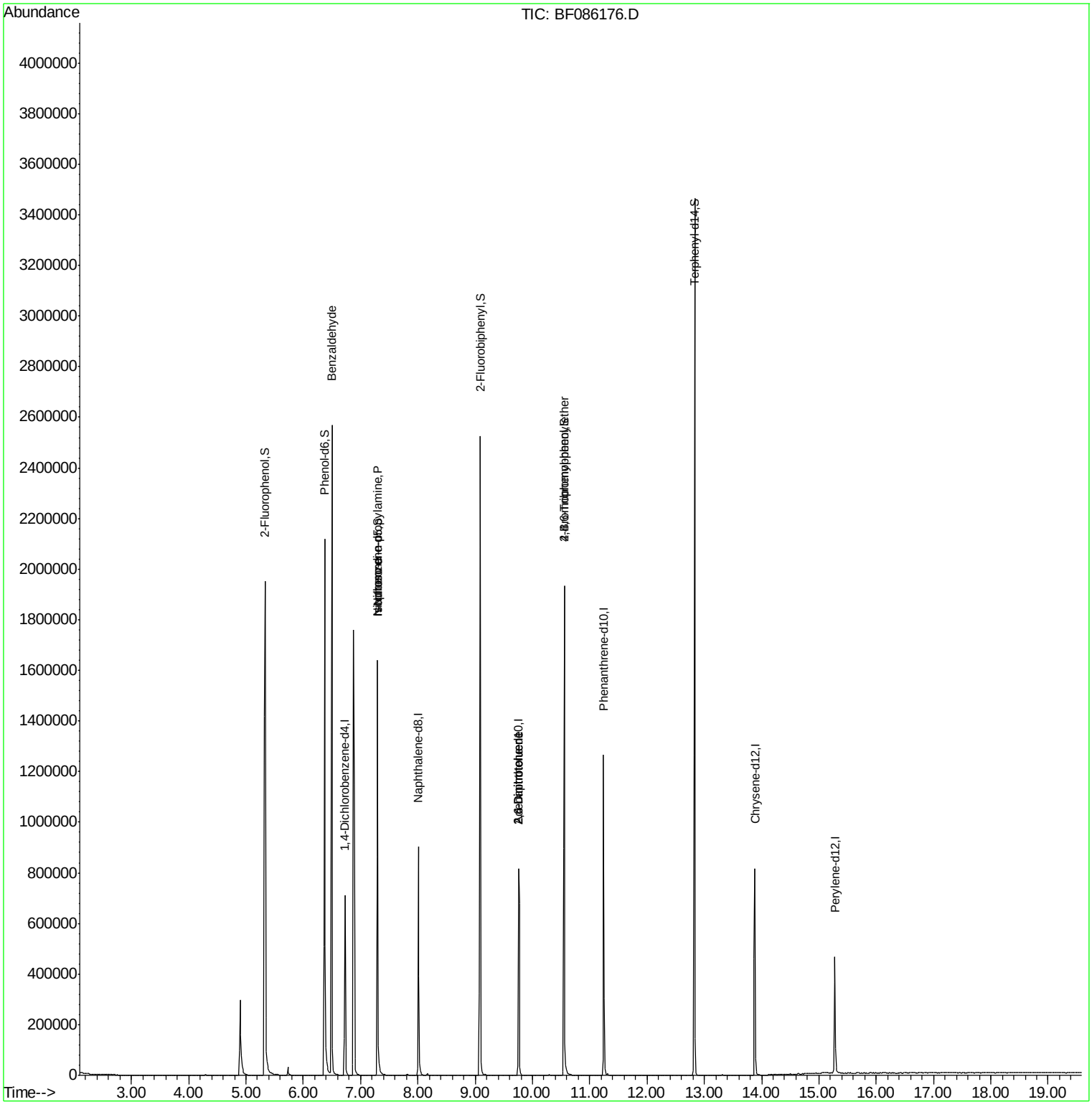
(#) = qualifier out of range (m) = manual integration (+) = signals summed

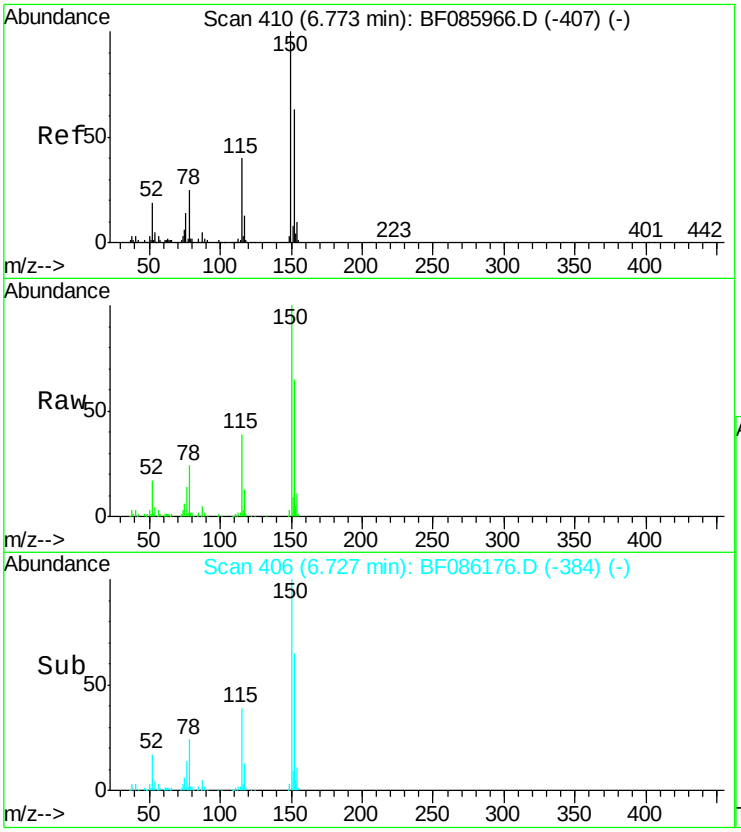
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086176.D
Acq On : 8 Apr 2016 18:59
Operator : UM/SJ
Sample : PB89682BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Quant Time: Apr 08 23:21:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration



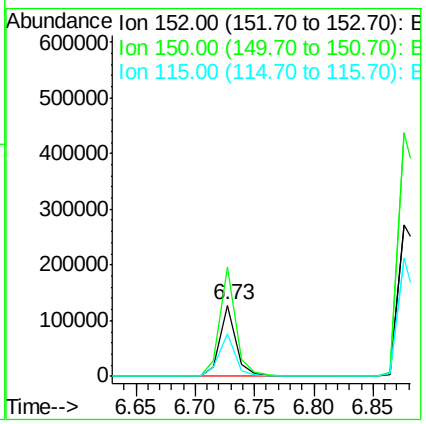


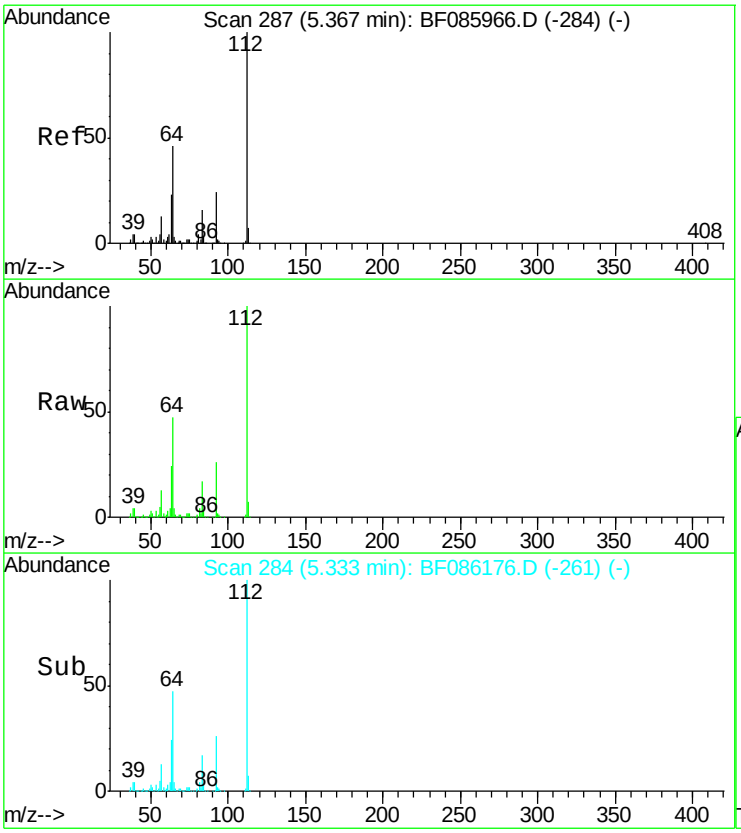
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Tgt Ion:152 Resp: 117684

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.2
115	59.8	47.0	70.6

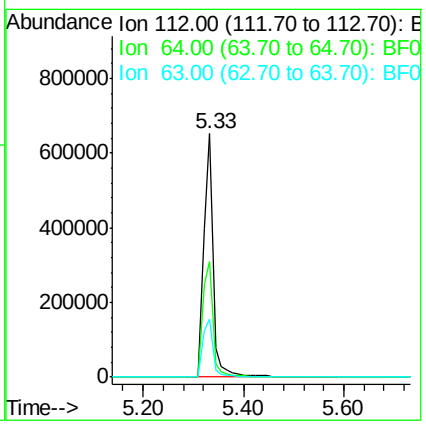


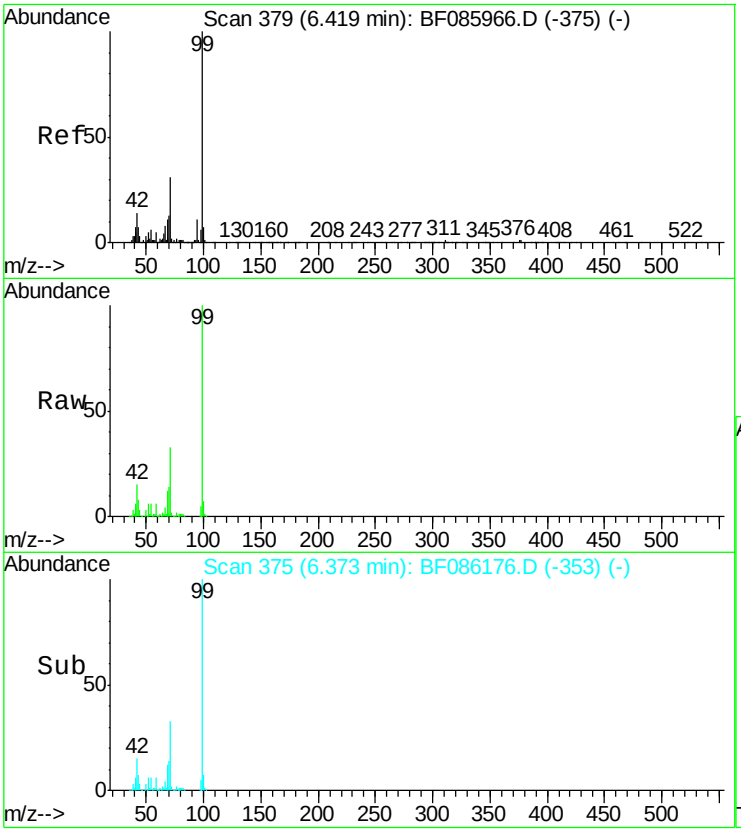


#5
2-Fluorophenol
Concen: 123.07 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion:112 Resp: 847339

Ion	Ratio	Lower	Upper
112	100		
64	47.3	39.9	59.9
63	23.8	20.2	30.2



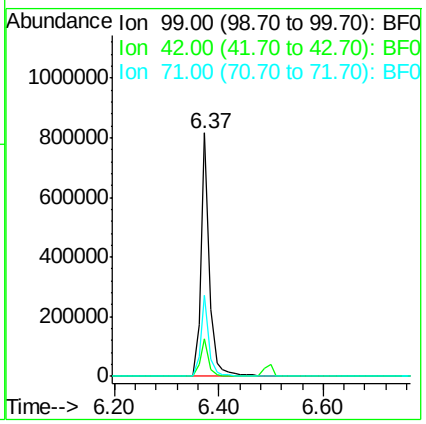


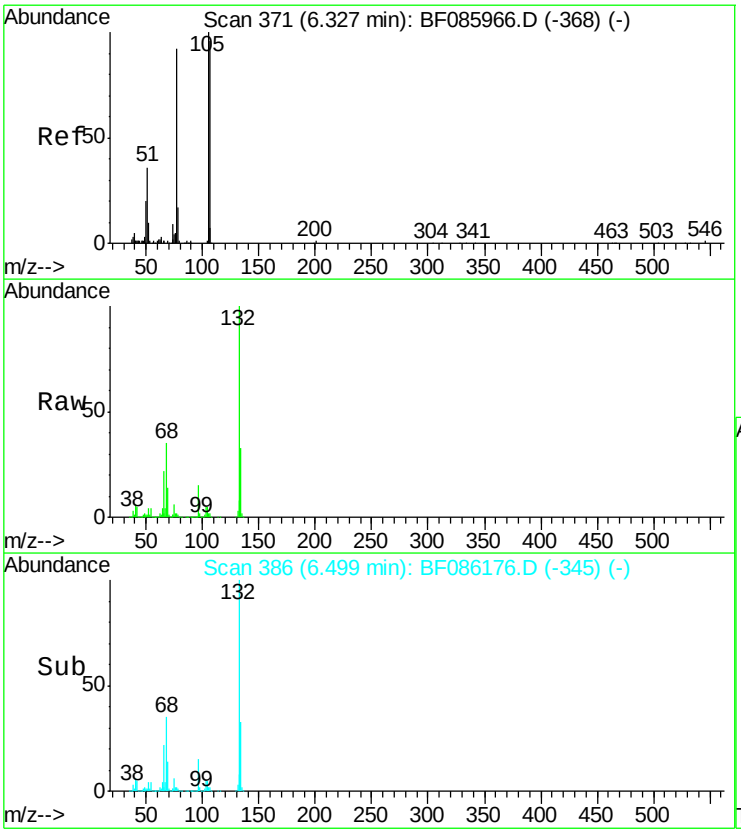
#7
Phenol-d6
Concen: 105.02 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.05 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Tgt Ion: 99 Resp: 918435

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.1	16.7
71	33.4	24.9	37.3

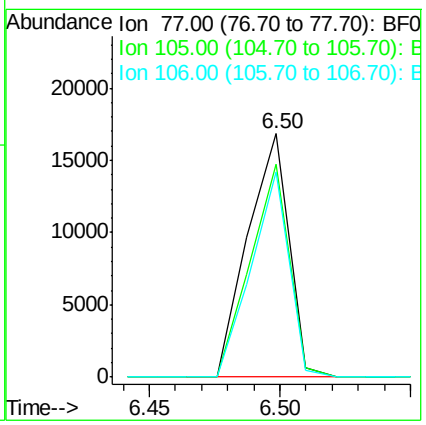


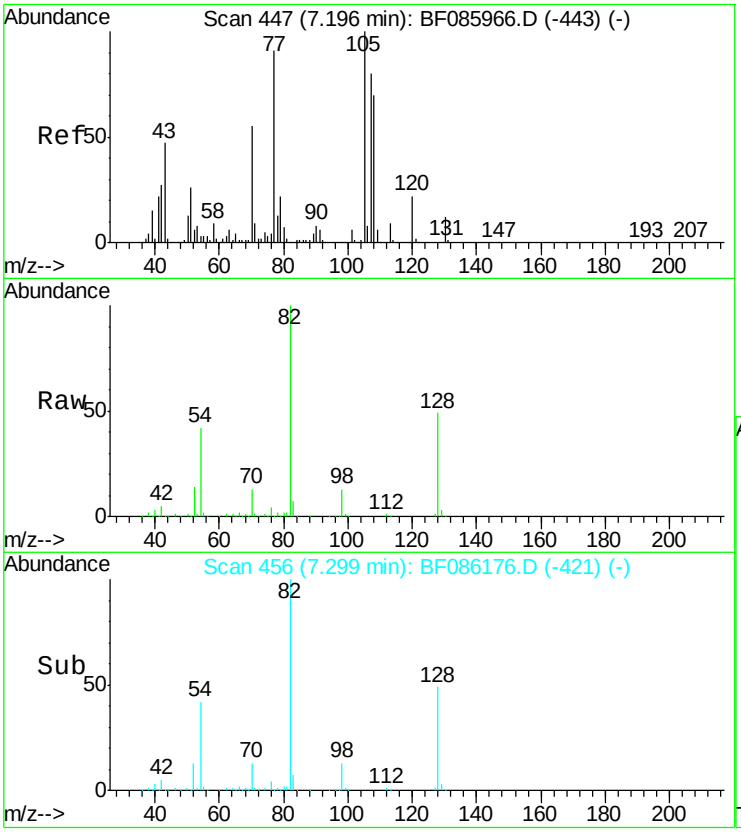


#9
Benzaldehyde
Concen: 3.97 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.17 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion: 77 Resp: 18662

Ion	Ratio	Lower	Upper
77	100		
105	87.5	80.1	120.1
106	84.1	75.0	115.0



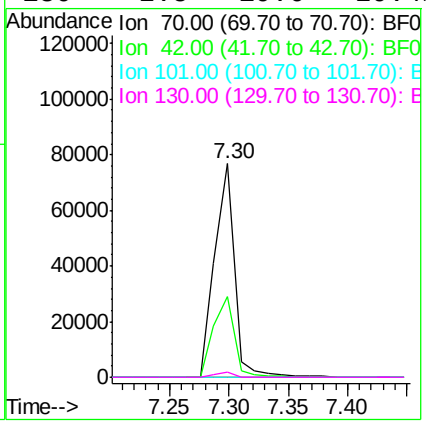


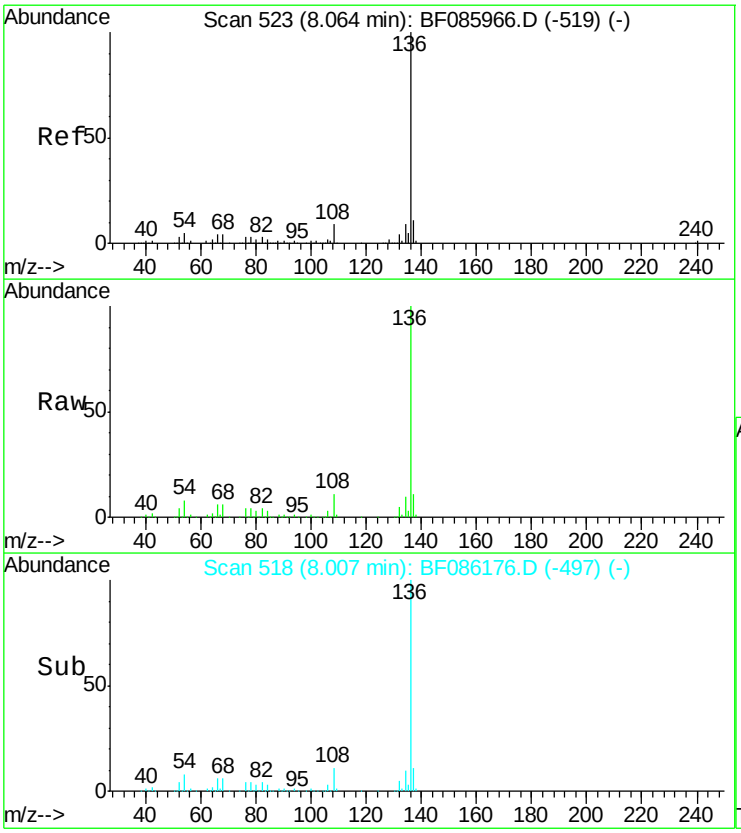
#19
n-Nitroso-di-n-propylamine
Concen: 16.37 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Tgt Ion: 70 Resp: 88707

Ion	Ratio	Lower	Upper
70	100		
42	37.8	37.1	55.7
101	0.0	8.6	12.8#
130	2.5	19.6	29.4#

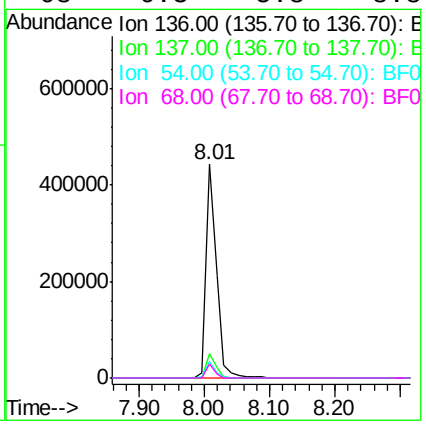


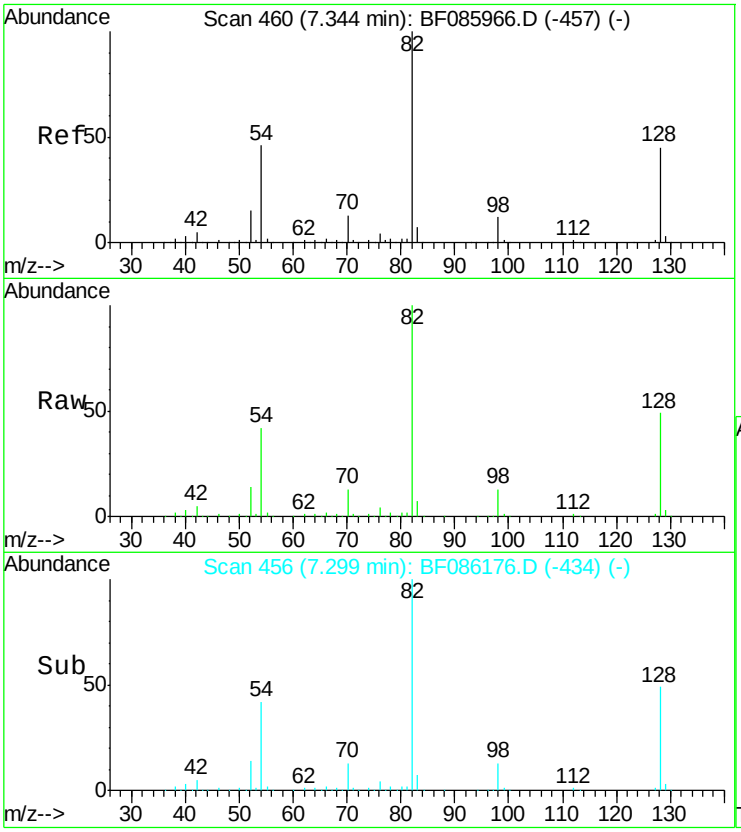


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion:136 Resp: 491257

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.0	7.4	11.0
68	6.3	5.8	8.8



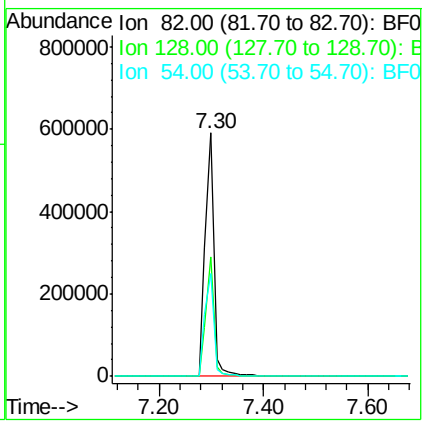


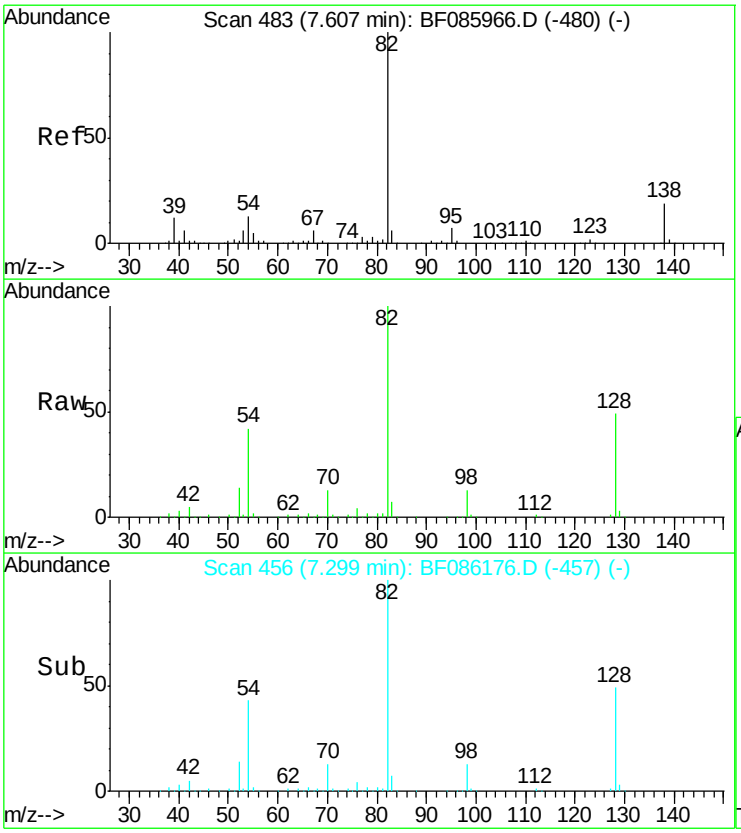
#23
Nitrobenzene-d5
Concen: 82.34 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Tgt Ion: 82 Resp: 685888

Ion	Ratio	Lower	Upper
82	100		
128	48.9	41.8	62.8
54	42.4	33.4	50.0

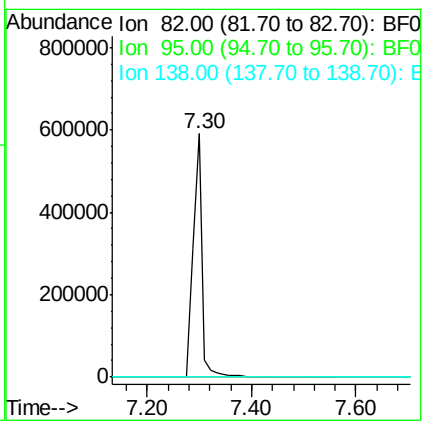


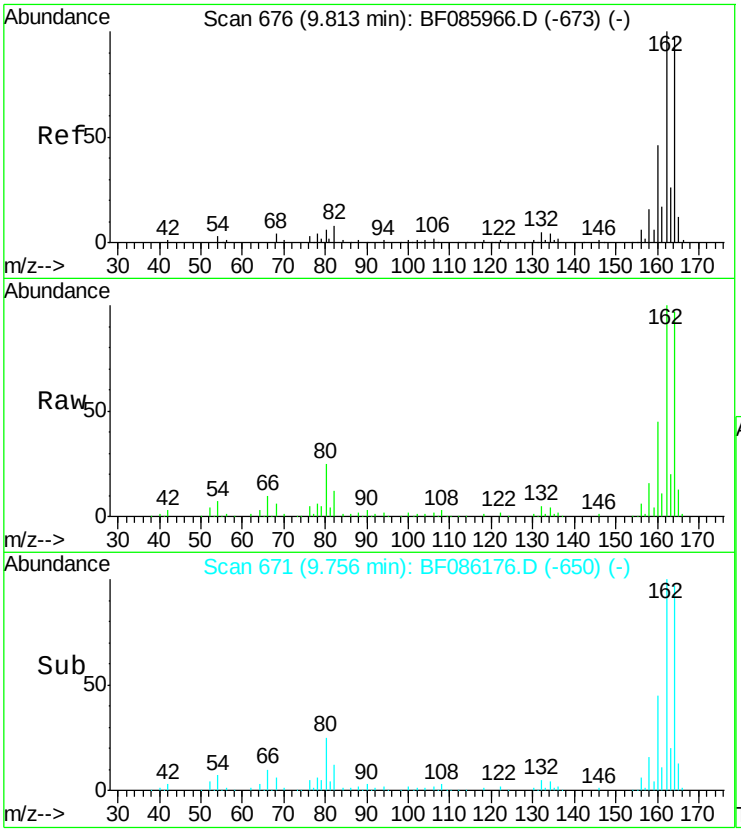


#25
Isophorone
Concen: 41.67 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion: 82 Resp: 685208

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



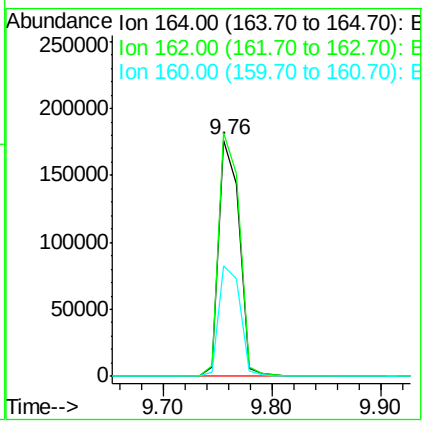


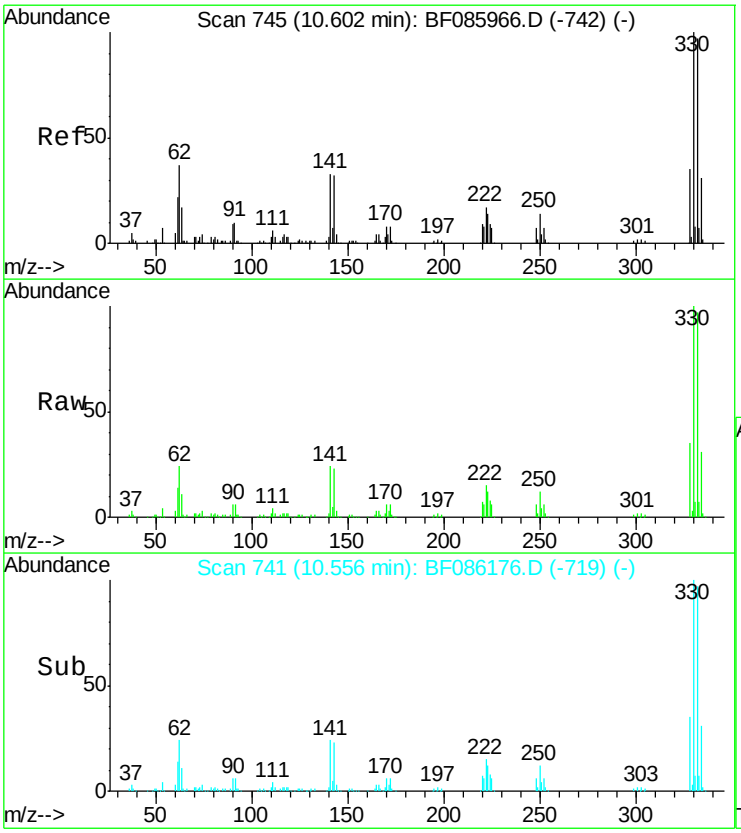
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Tgt Ion:164 Resp: 231422

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.1	123.1
160	46.7	37.4	56.2

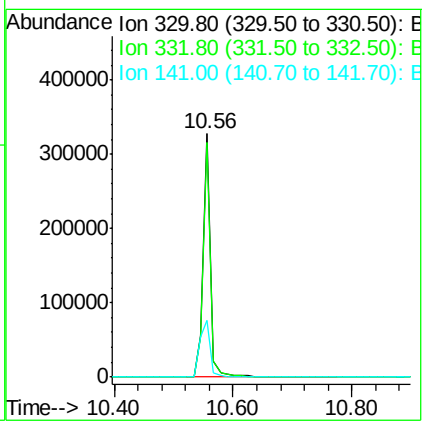


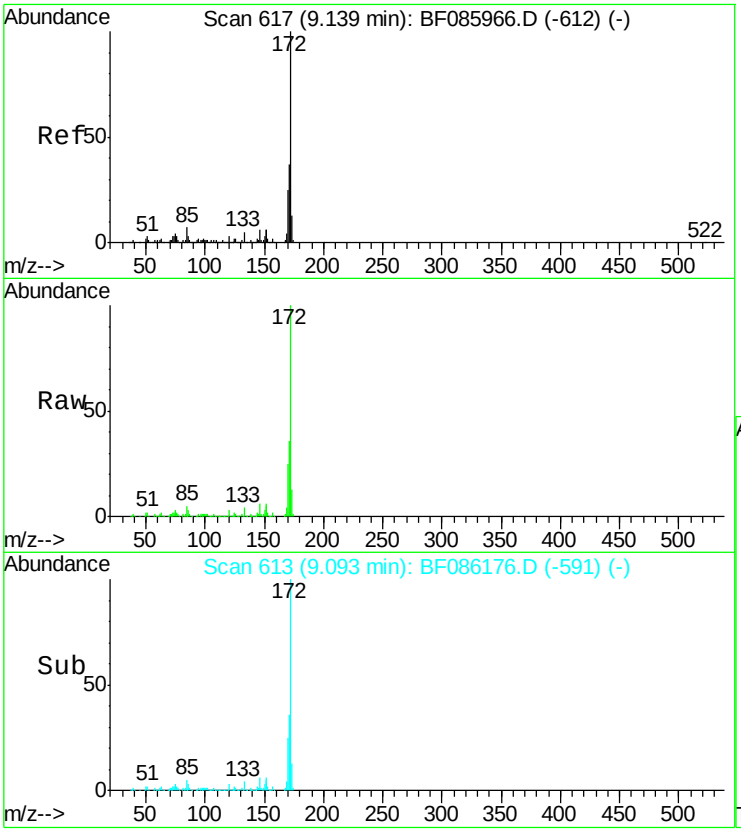


#41
2,4,6-Tribromophenol
Concen: 134.75 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion:330 Resp: 292697

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	34.0	31.5	47.3



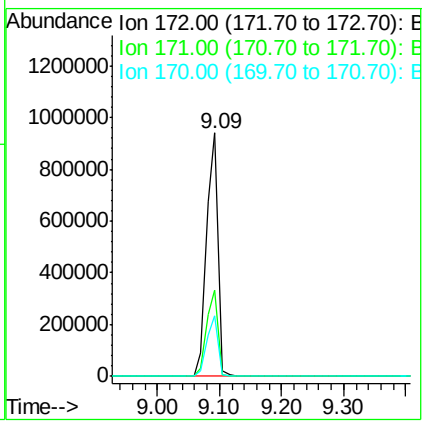


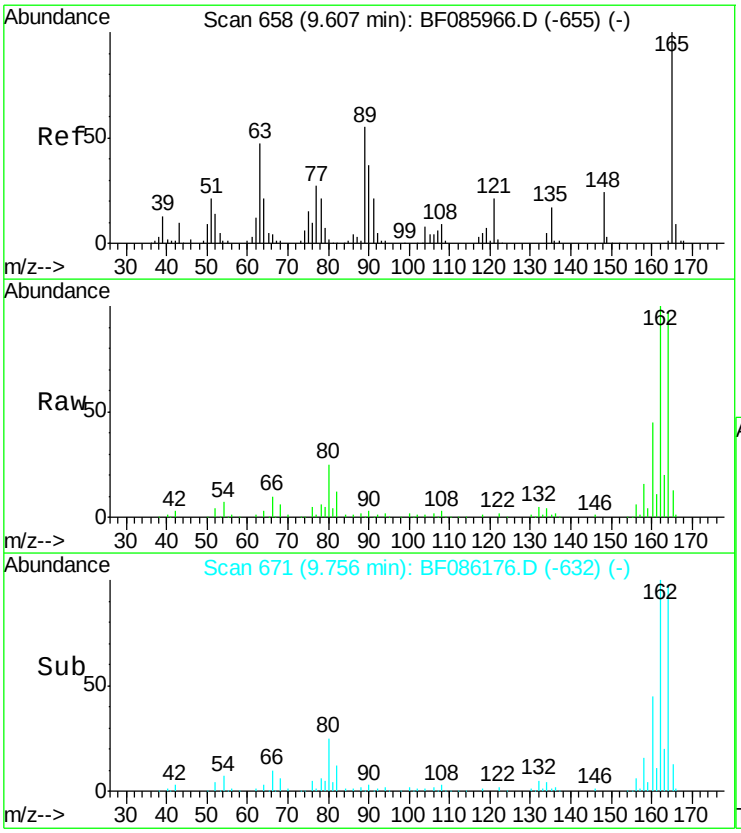
#44
2-Fluorobiphenyl
Concen: 86.31 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Tgt Ion:172 Resp: 1201345

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.2
170	24.7	19.8	29.6

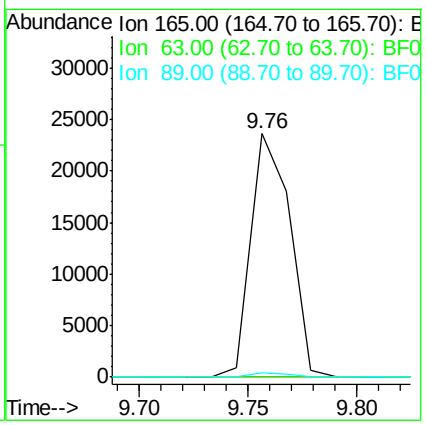


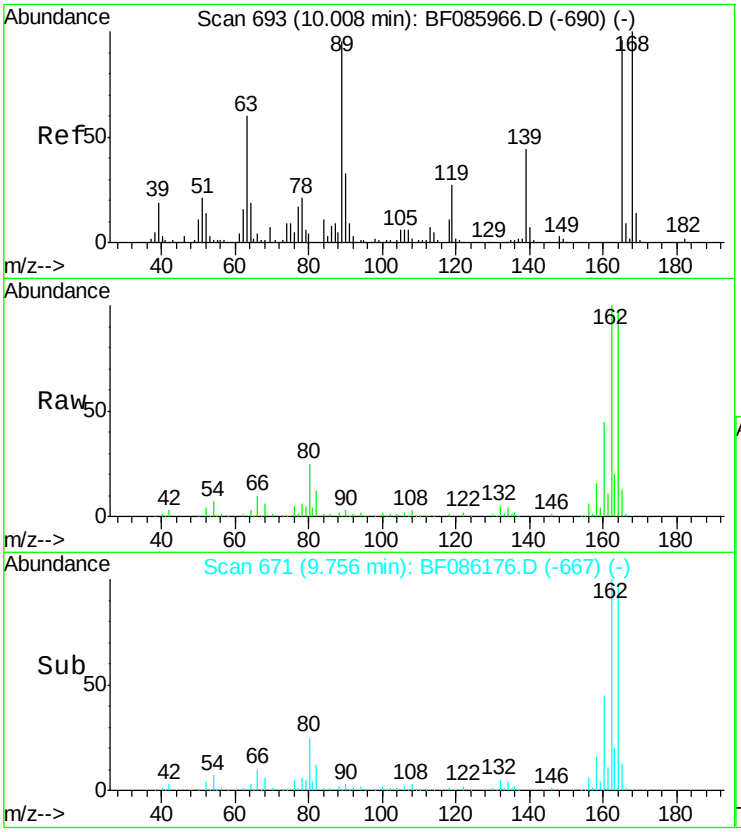


#50
2,6-Dinitrotoluene
Concen: 8.18 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.15 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion:165 Resp: 29668

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	1.5	53.7	80.5#



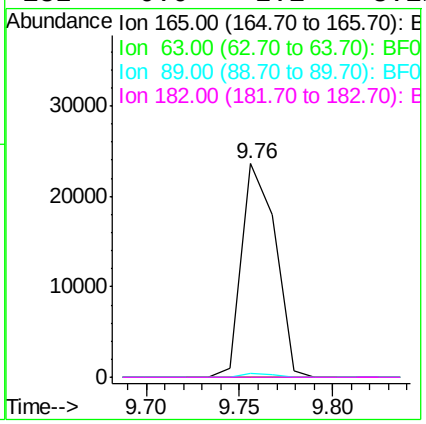


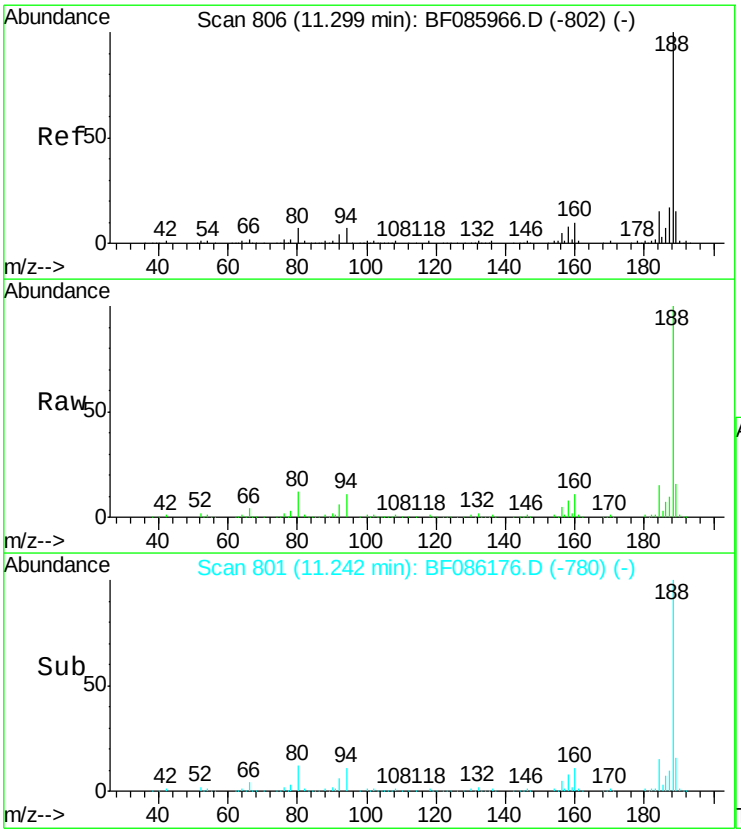
#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.25 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Tgt Ion:165 Resp: 29670

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

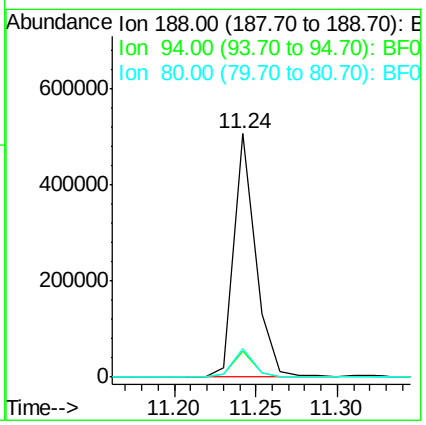


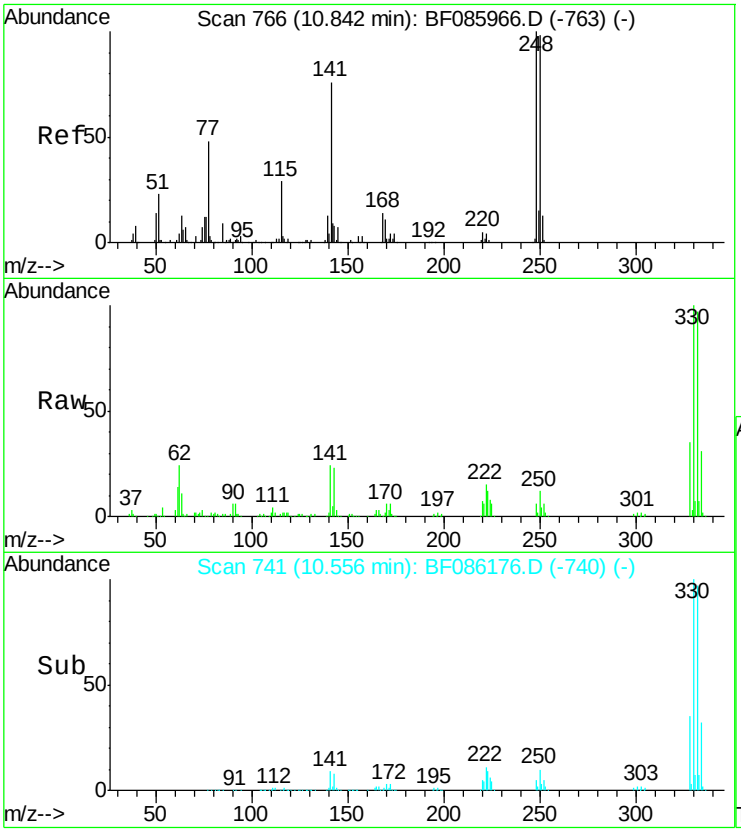


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion:188 Resp: 465451

Ion	Ratio	Lower	Upper
188	100		
94	10.9	5.4	8.0#
80	11.6	5.5	8.3#



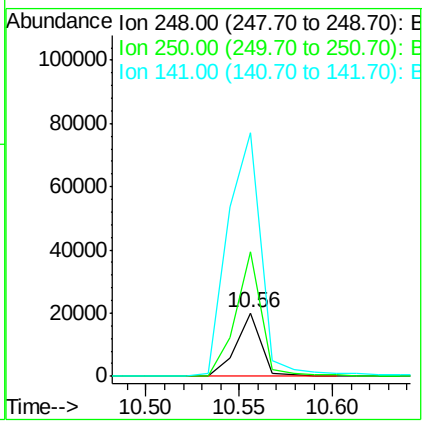


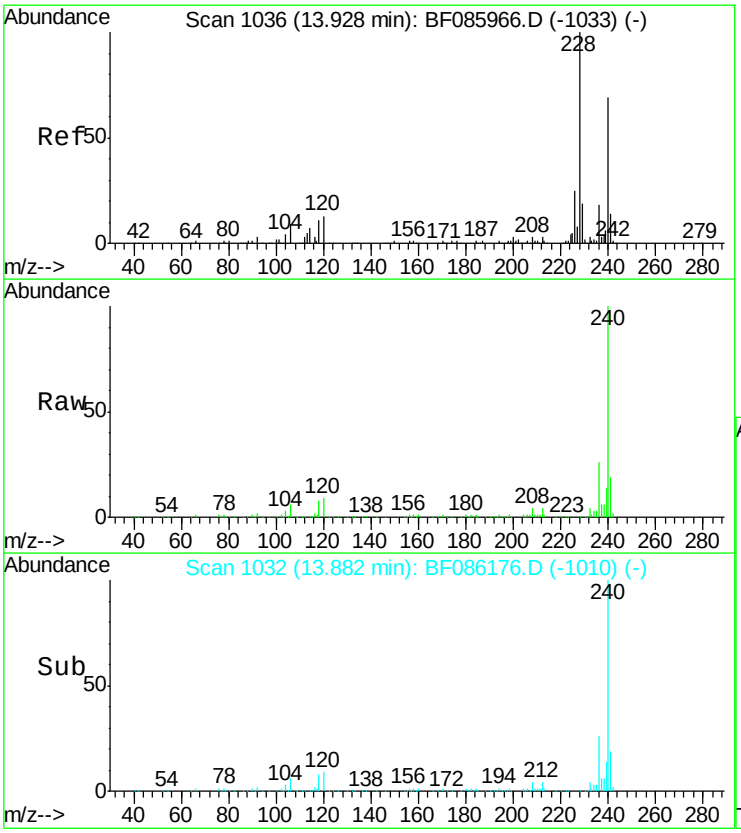
#66
4-Bromophenyl-phenylether
Concen: 3.97 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.29 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Tgt Ion:248 Resp: 18868

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.4	116.0#
141	385.4	63.6	95.4#

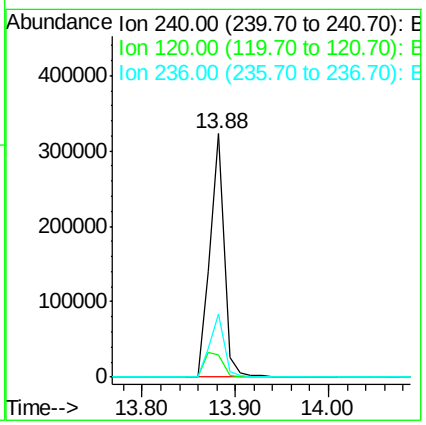


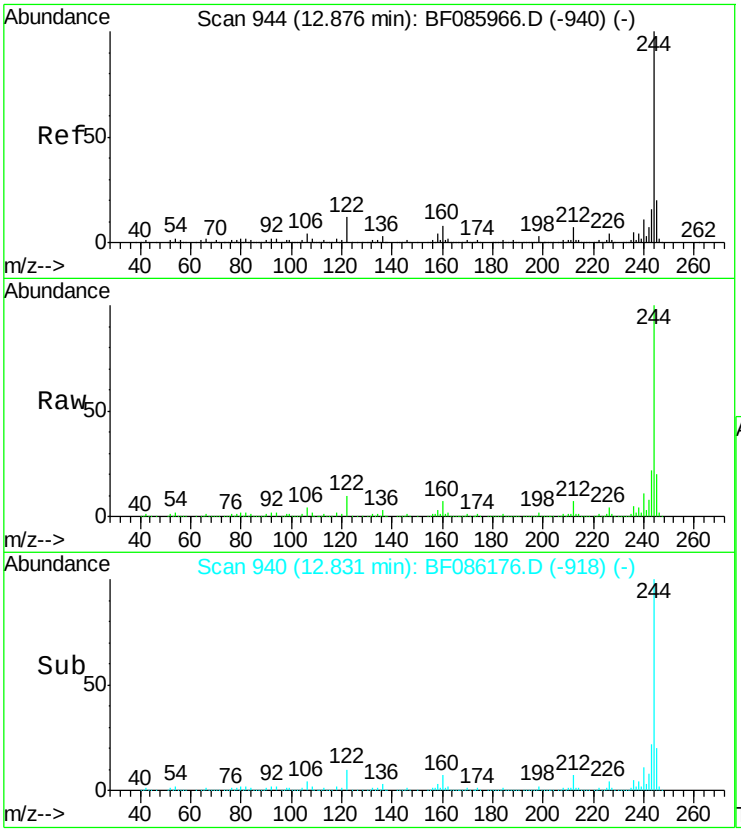


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion:240 Resp: 345381

Ion	Ratio	Lower	Upper
240	100		
120	9.0	13.8	20.8#
236	26.1	20.6	30.8



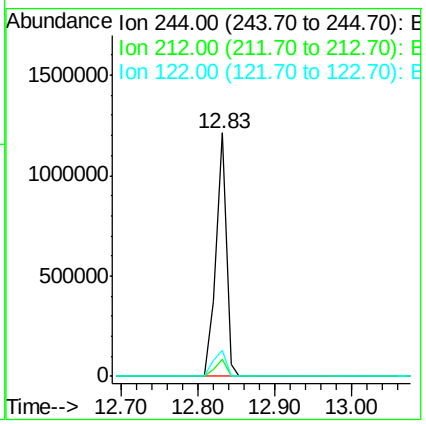


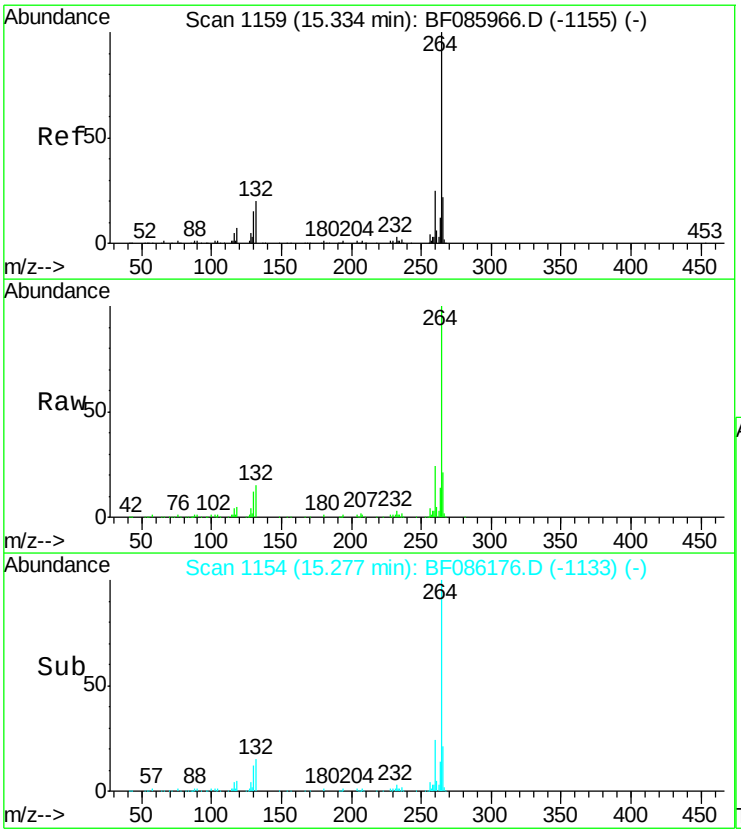
#78
Terphenyl-d14
Concen: 77.23 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Instrument :
BNA_F
ClientSampleId :
PB89682BL

Tgt Ion:244 Resp: 1134804

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	10.4	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086176.D
Acq: 8 Apr 2016 18:59

Tgt Ion:264 Resp: 249132

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	17.2	25.8