Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
Data File : BF089604.D
Acq On : 5 Aug 2016 00:11
Operator : UM/SJ
Sample : PB90673TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92673TB

Quant Time: Aug 05 01:53:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	41071	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	174180	20.00	ng	0.00
38) Acenaphthene-d10	12.29	164	86293	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	171239	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	121046	20.00	ng	-0.01
86) Perylene-d12	20.05	264	90021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	232938	95.06	ng	0.02
7) Phenol-d6	6.97	99	321183	96.62	ng	-0.01
23) Nitrobenzene-d5	8.34	82	188796	59.95	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	65206	91.57	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	380869	57.36	ng	-0.01
78) Terphenyl-d14	17.05	244	368895	60.16	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.08	93	222	0.05	ng	# 1
10) Phenol	7.08	94	285	0.08	ng	# 1
11) bis(2-Chloroethyl)ether	7.08	93	222	0.08	ng	# 1
15) Benzyl Alcohol	7.67	79	3134	1.44	ng	# 46
19) n-Nitroso-di-n-propylamine	8.34	70	21783	9.07	ng	# 81
24) Nitrobenzene	8.34	77	216	0.07	ng	# 42
25) Isophorone	8.98	82	1161	0.19	ng	# 68
45) 1,1'-Biphenyl	11.24	154	337	0.04	ng	# 1
62) Azobenzene	13.58	77	210	0.03	ng	# 15
65) n-Nitrosodiphenylamine	13.58	169	2313	0.40	ng	# 35

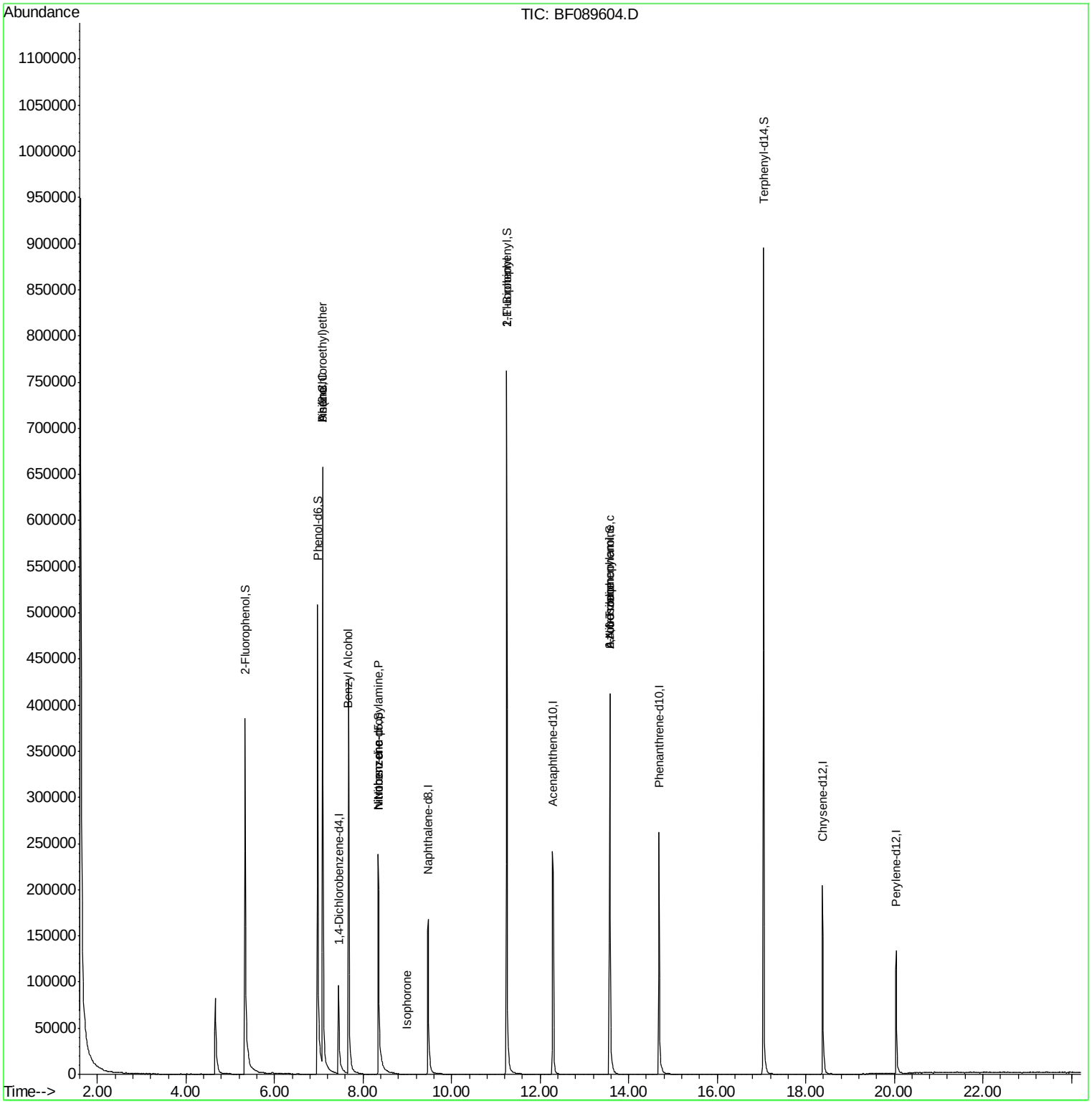
(#) = qualifier out of range (m) = manual integration (+) = signals summed

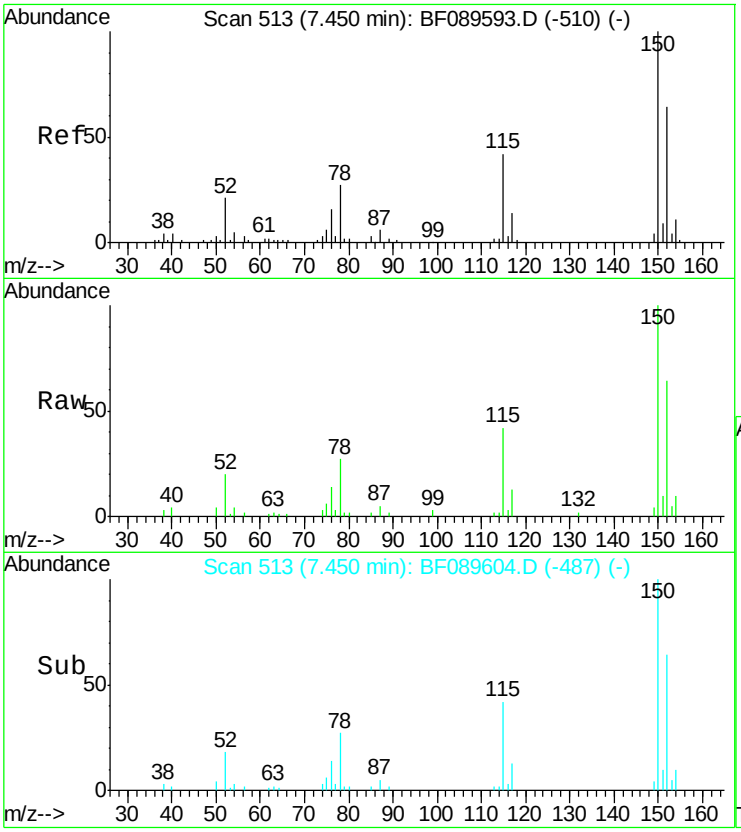
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
Data File : BF089604.D
Acq On : 5 Aug 2016 00:11
Operator : UM/SJ
Sample : PB90673TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Quant Time: Aug 05 01:53:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration



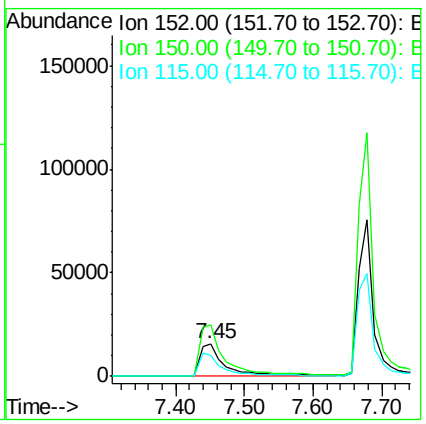


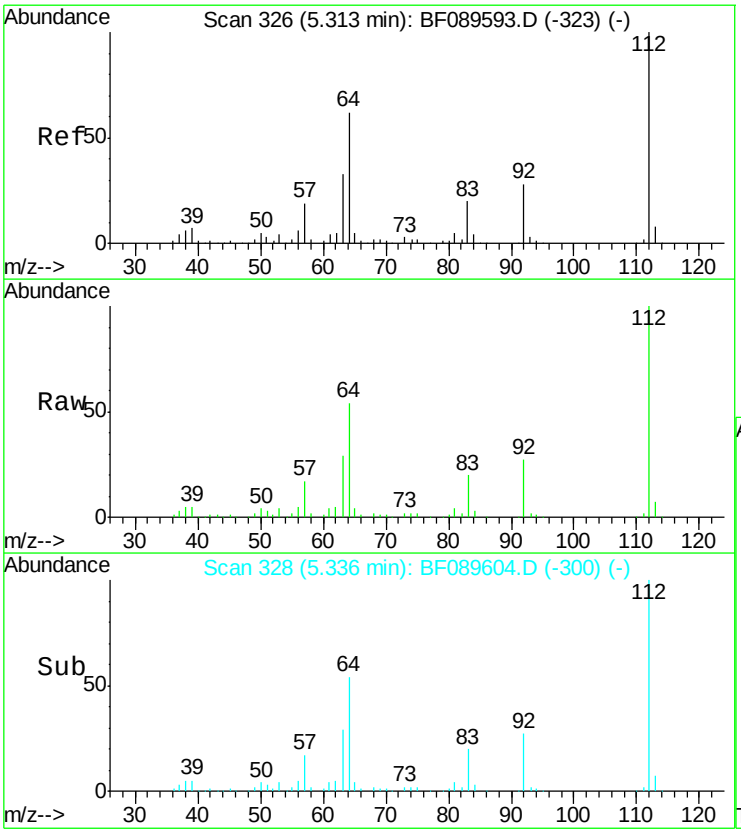
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion:152 Resp: 41071

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.5	188.3
115	64.7	52.0	78.0

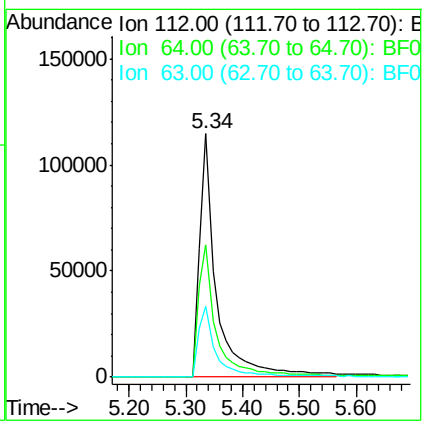


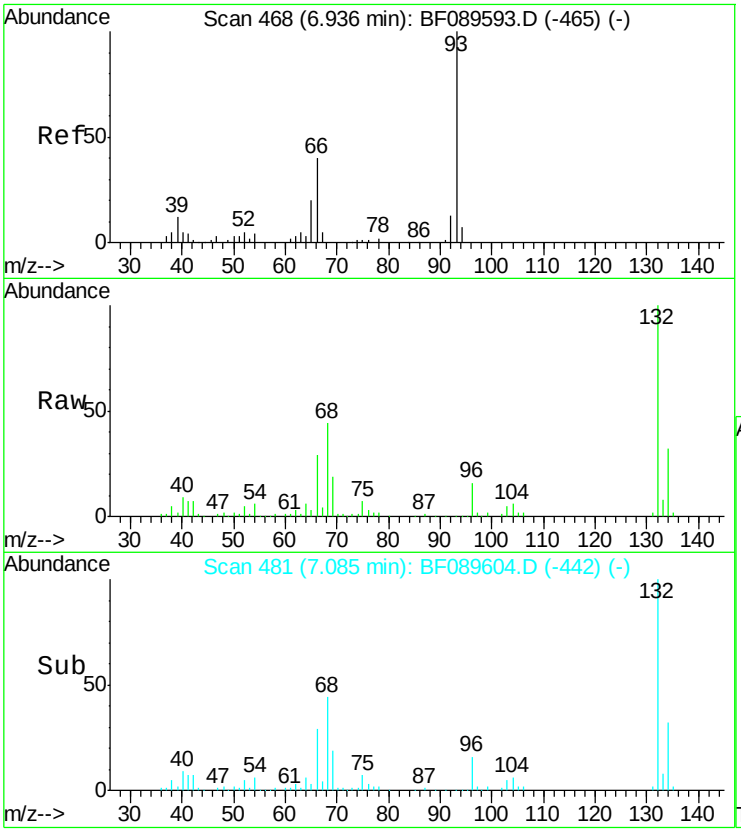


#5
2-Fluorophenol
Concen: 95.06 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion:112 Resp: 232938

Ion	Ratio	Lower	Upper
112	100		
64	54.5	49.9	74.9
63	29.3	26.1	39.1



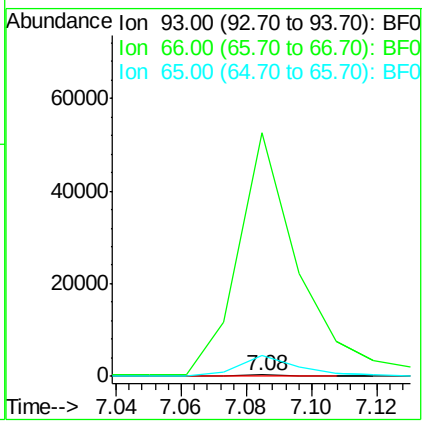


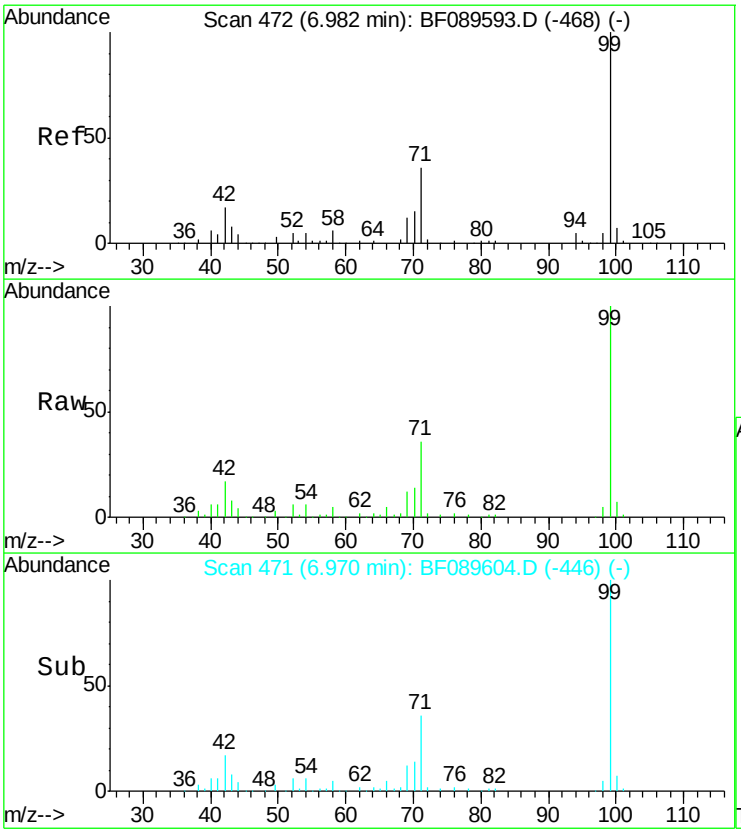
#6
Aniline
Concen: 0.05 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.15 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion: 93 Resp: 222

Ion	Ratio	Lower	Upper
93	100		
66	16270.0	32.2	48.2#
65	1402.2	15.8	23.8#

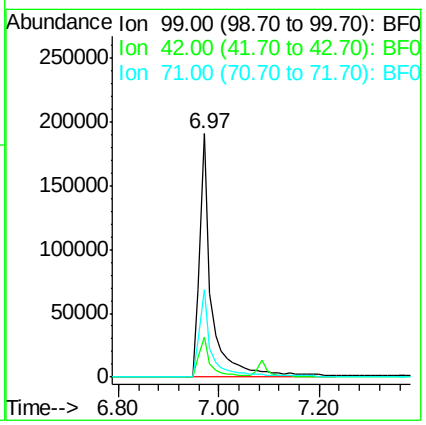


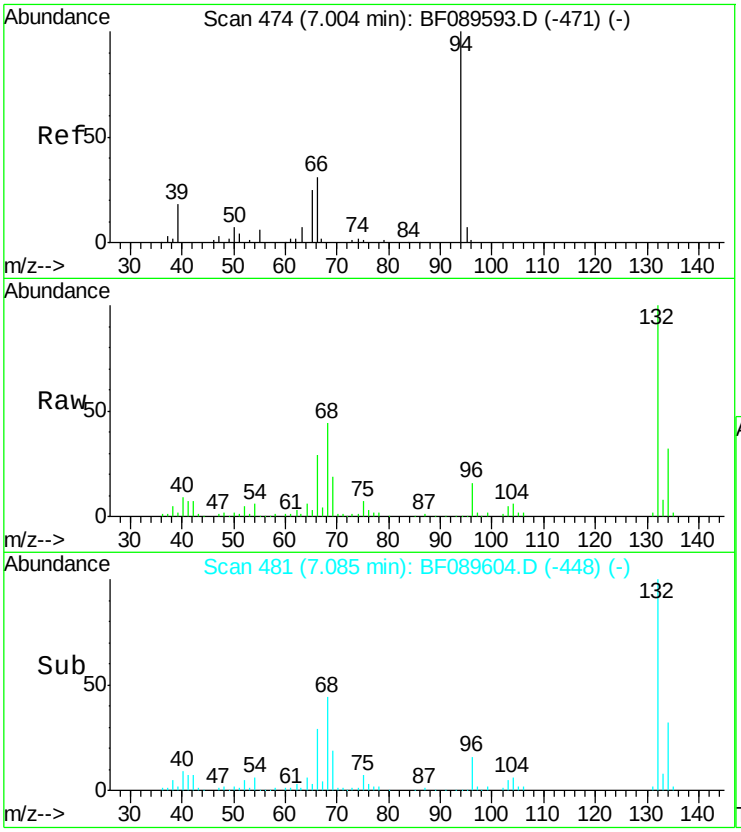


#7
Phenol-d6
Concen: 96.62 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion: 99 Resp: 321183

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.7	20.5
71	35.8	29.0	43.4



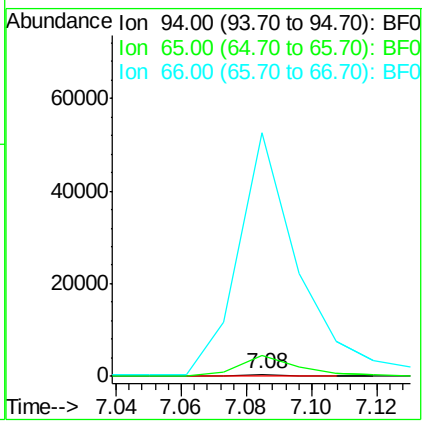


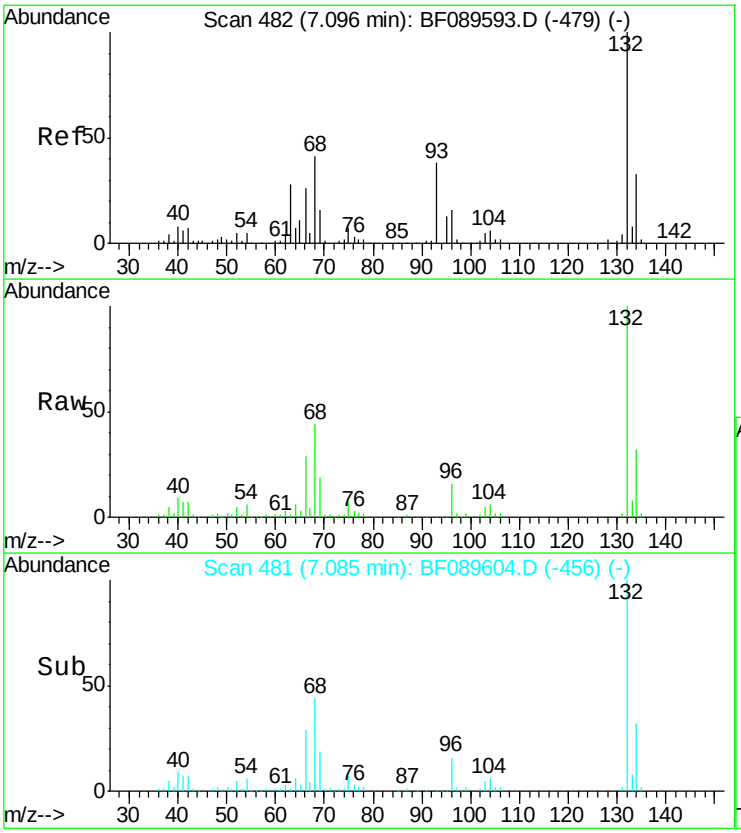
#10
Phenol
Concen: 0.08 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.08 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion: 94 Resp: 285

Ion	Ratio	Lower	Upper
94	100		
65	1088.7	11.0	51.0#
66	12632.7	27.4	67.4#

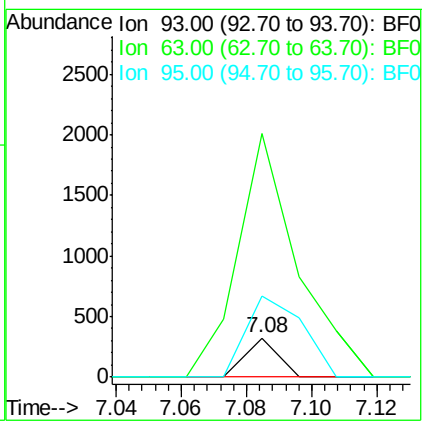


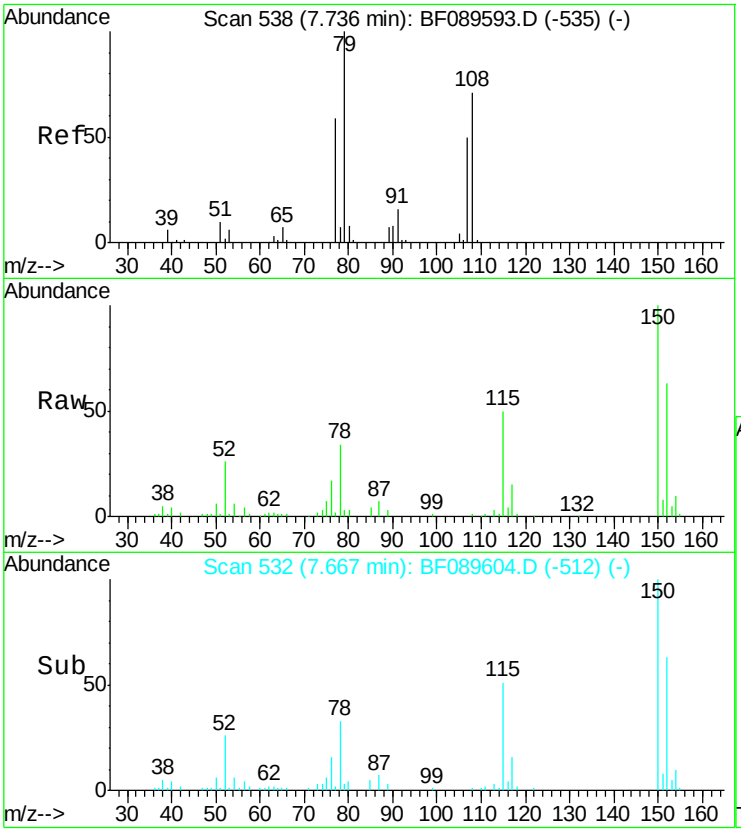


#11
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion: 93 Resp: 222

Ion	Ratio	Lower	Upper
93	100		
63	622.3	52.2	92.2#
95	207.7	13.1	53.1#



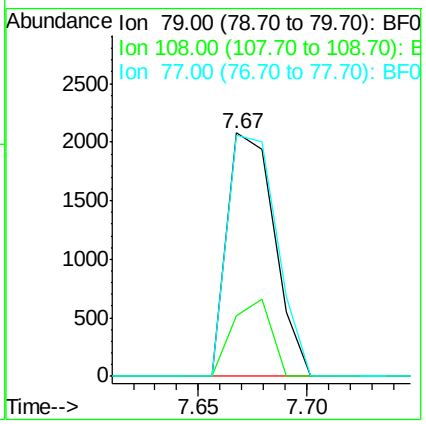


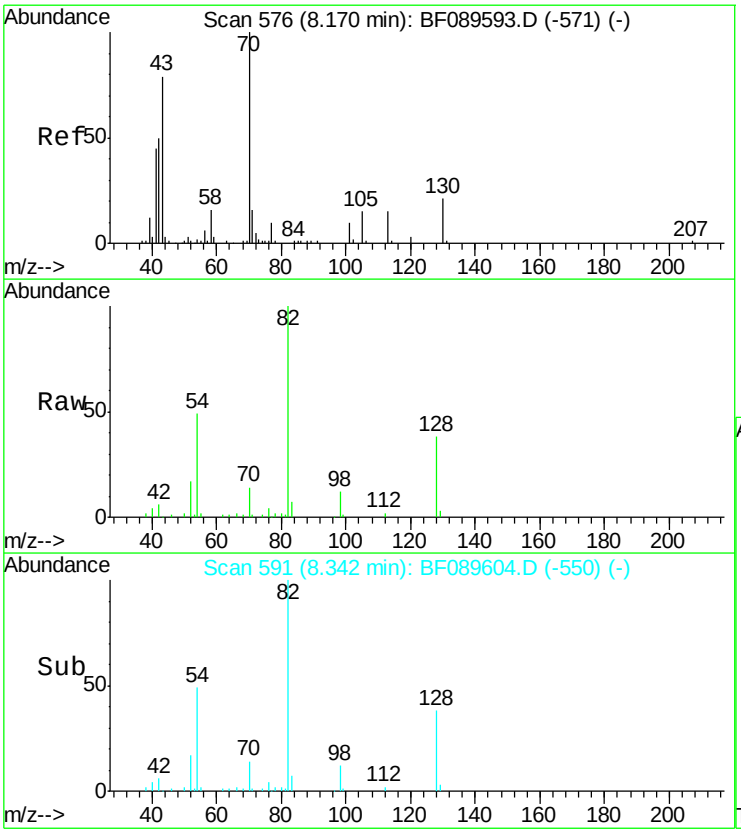
#15
Benzyl Alcohol
Concen: 1.44 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.07 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion: 79 Resp: 3134

Ion	Ratio	Lower	Upper
79	100		
108	25.1	58.3	87.5#
77	99.2	48.7	73.1#

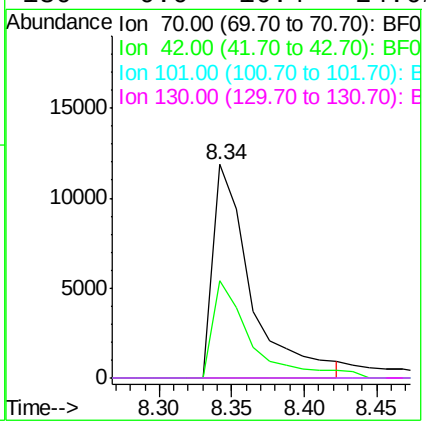


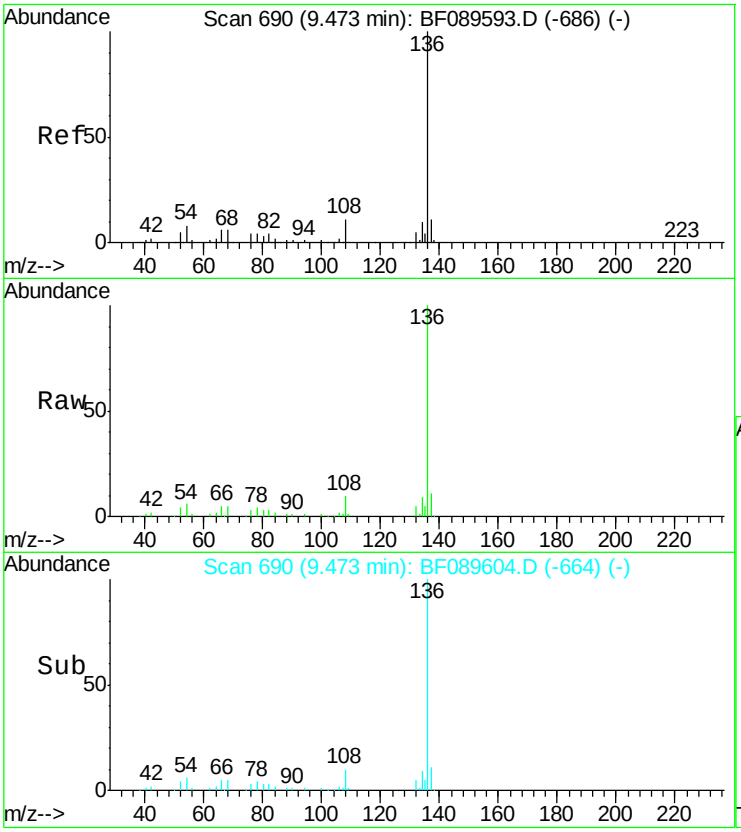


#19
n-Nitroso-di-n-propylamine
Concen: 9.07 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.17 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion: 70 Resp: 21783

Ion	Ratio	Lower	Upper
70	100		
42	45.6	40.2	60.2
101	0.0	7.8	11.6#
130	0.0	16.4	24.6#



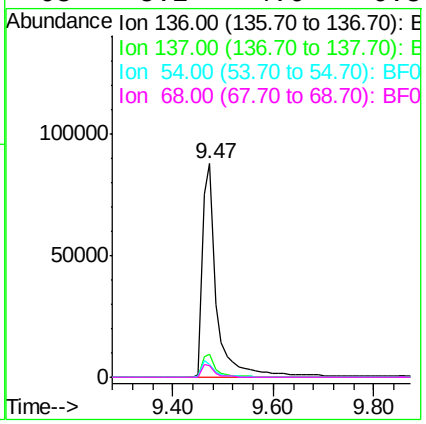


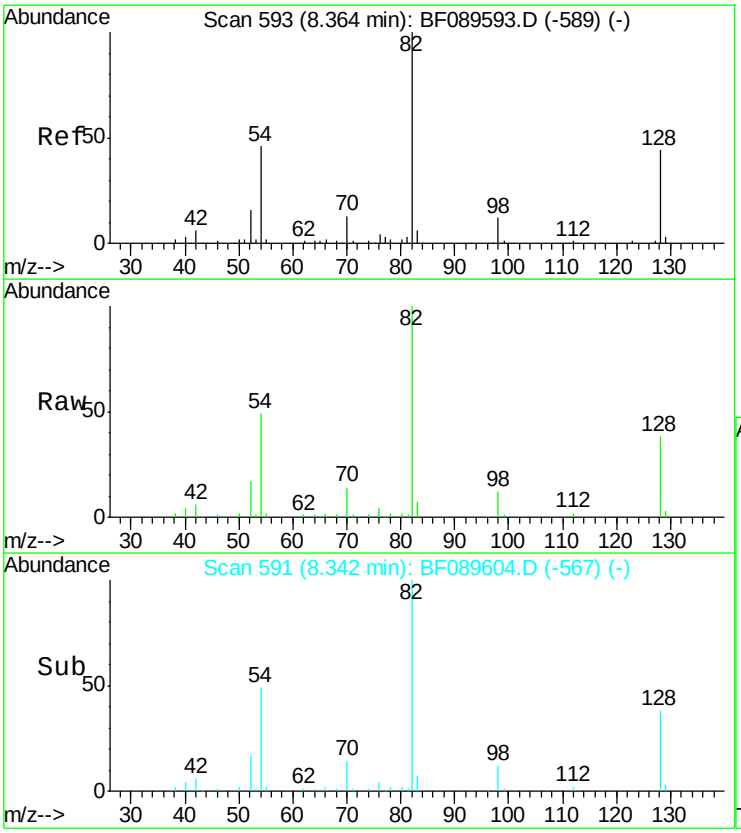
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion:136 Resp: 174180

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	6.2	6.0	9.0
68	5.2	4.6	6.8

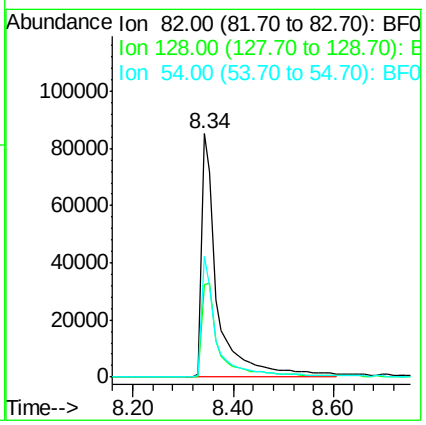


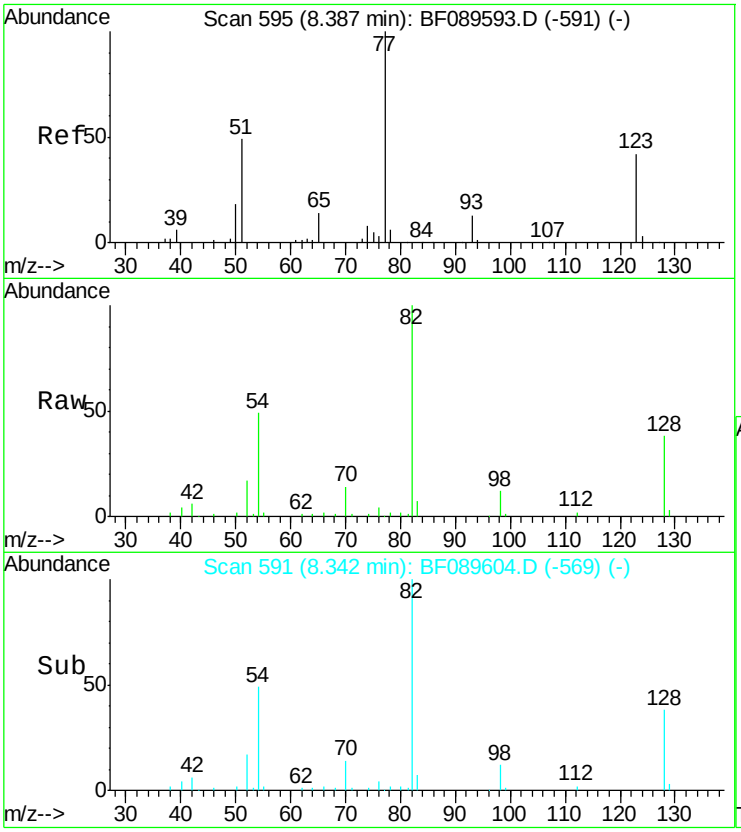


#23
Nitrobenzene-d5
Concen: 59.95 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.02 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion: 82 Resp: 188796

Ion	Ratio	Lower	Upper
82	100		
128	38.1	35.4	53.0
54	49.5	36.4	54.6



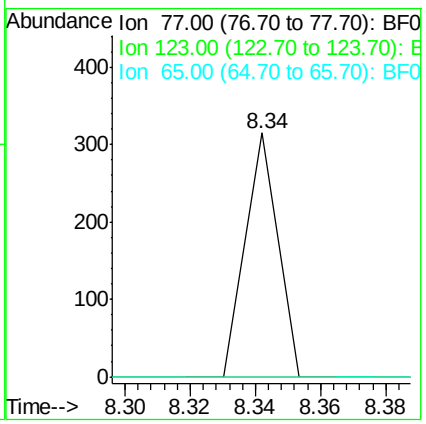


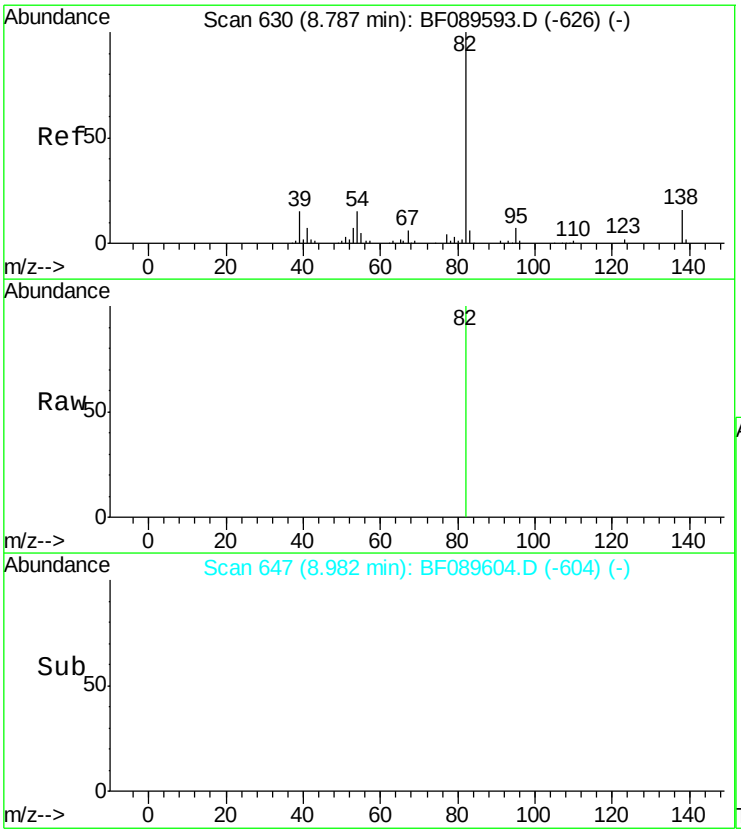
#24
Nitrobenzene
Concen: 0.07 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion: 77 Resp: 216

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	0.0	11.0	16.6#

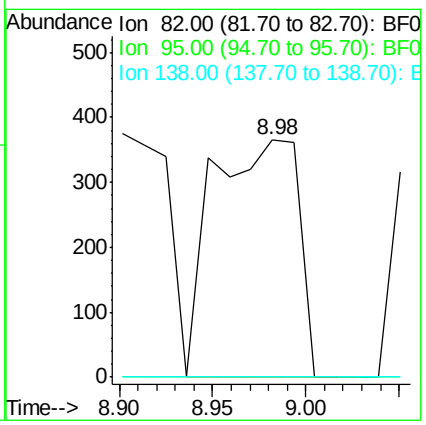


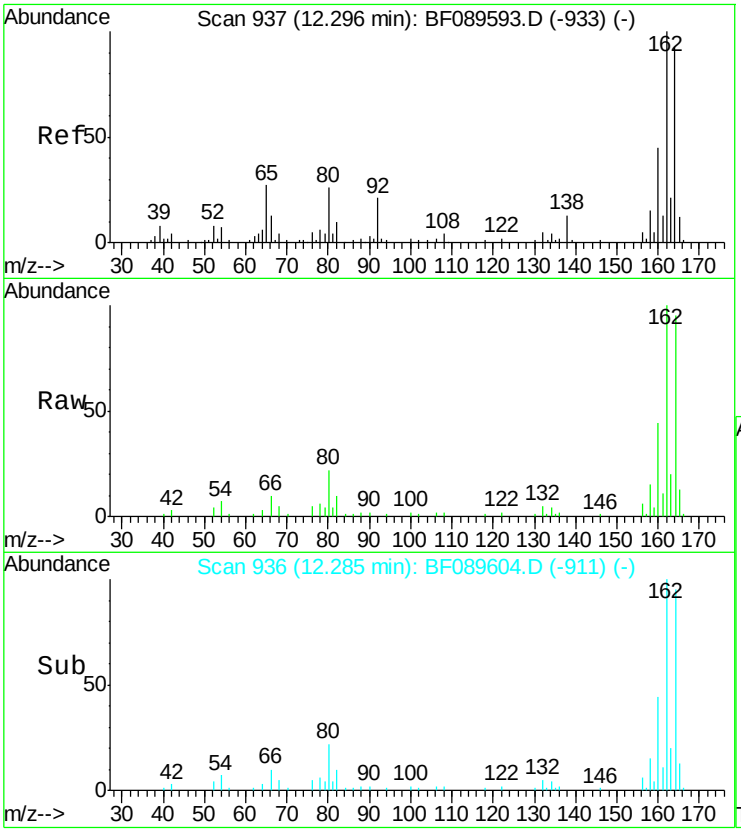


#25
Isophorone
Concen: 0.19 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.19 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion: 82 Resp: 1161

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	12.6	18.8#



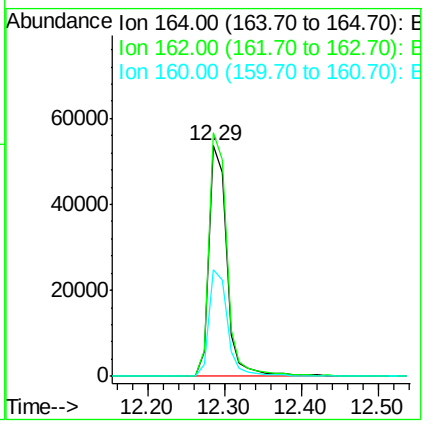


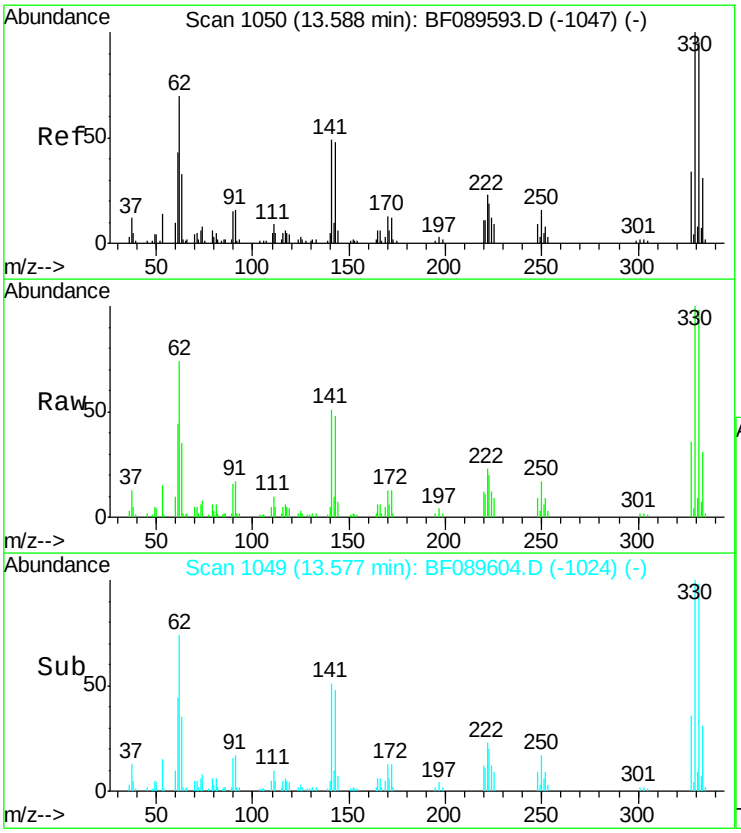
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion:164 Resp: 86293

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.7	128.5
160	46.2	38.2	57.4

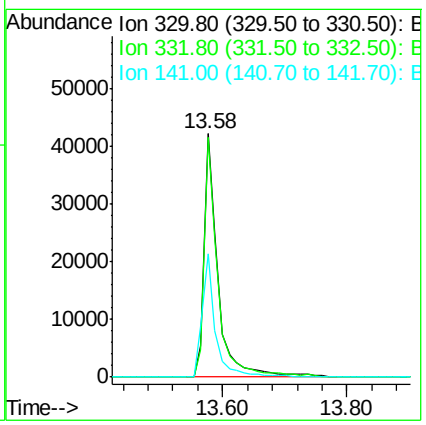


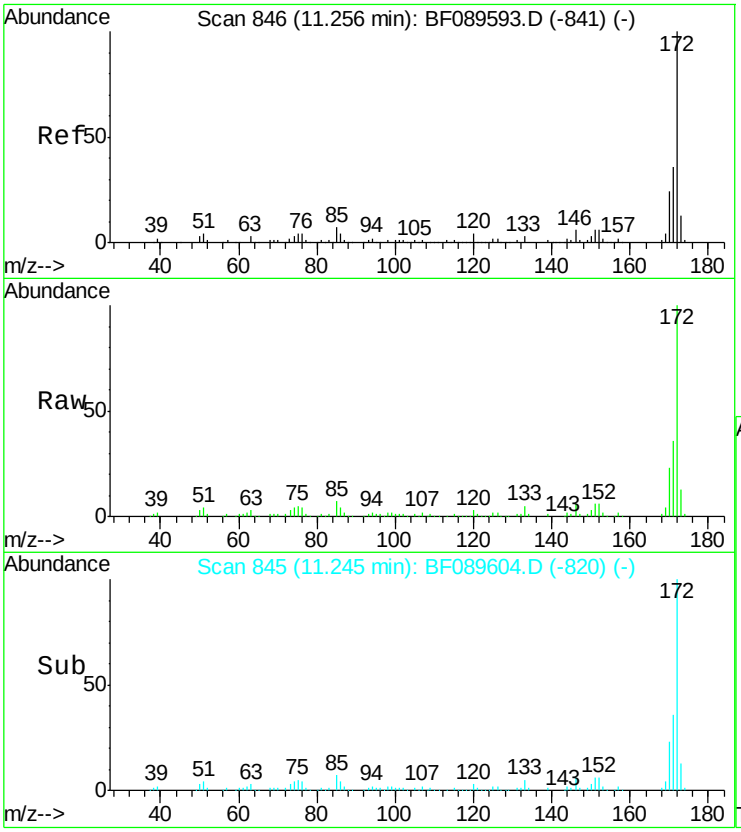


#41
2,4,6-Tribromophenol
Concen: 91.57 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion:330 Resp: 65206

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	49.2	38.6	57.8



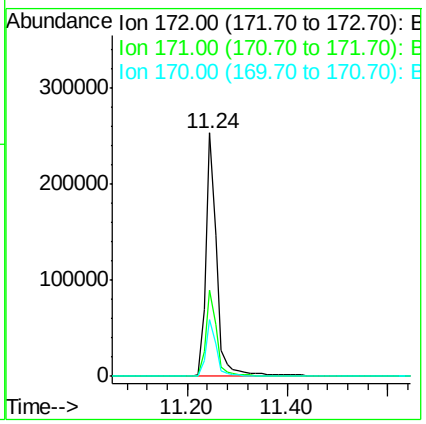


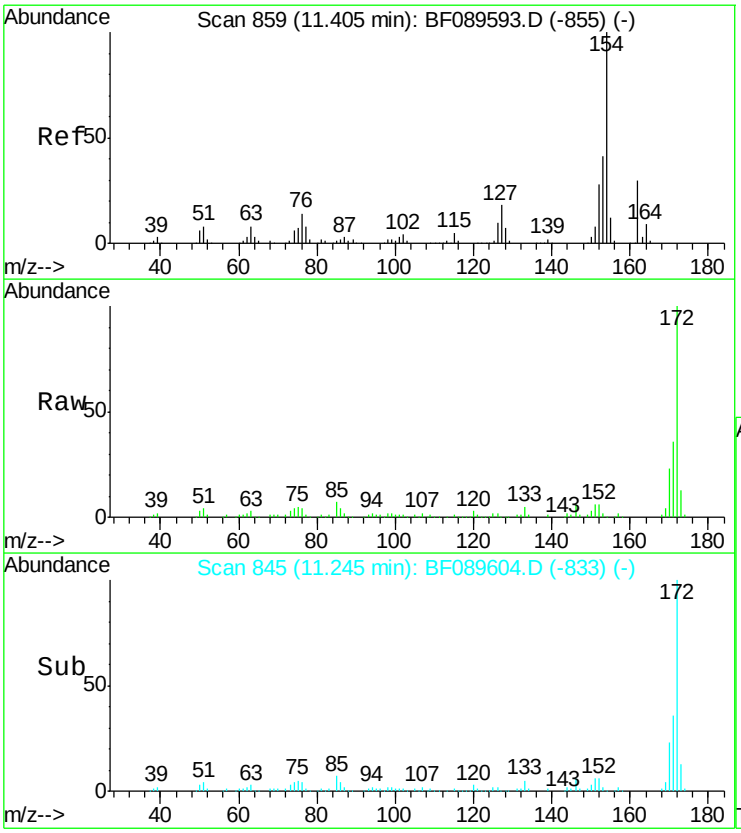
#44
2-Fluorobiphenyl
Concen: 57.36 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion:172 Resp: 380869

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.3	19.0	28.6

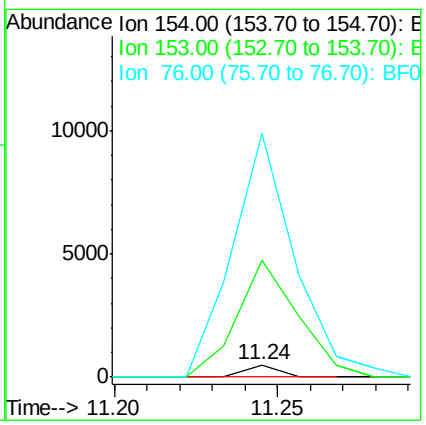


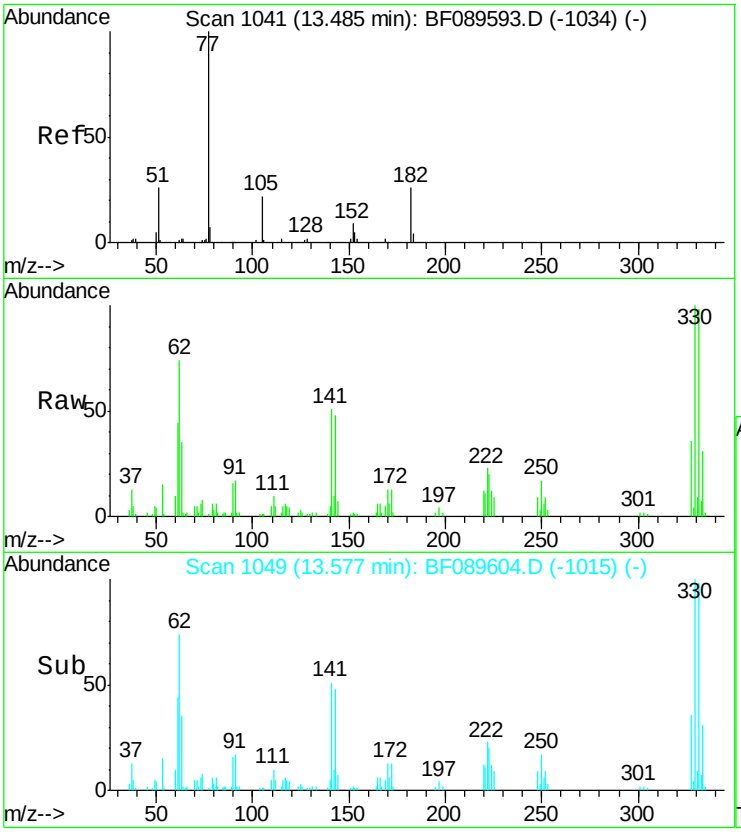


#45
1,1'-Biphenyl
Concen: 0.04 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.16 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion:154 Resp: 337

Ion	Ratio	Lower	Upper
154	100		
153	961.0	20.6	60.6#
76	2008.1	0.0	33.7#



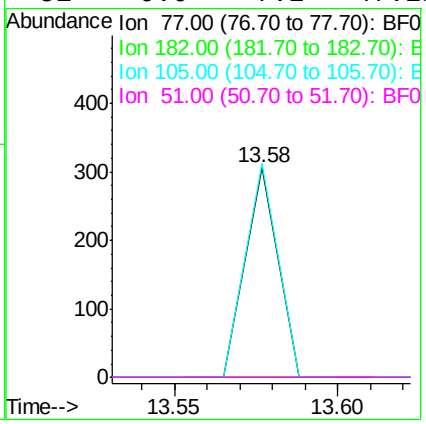


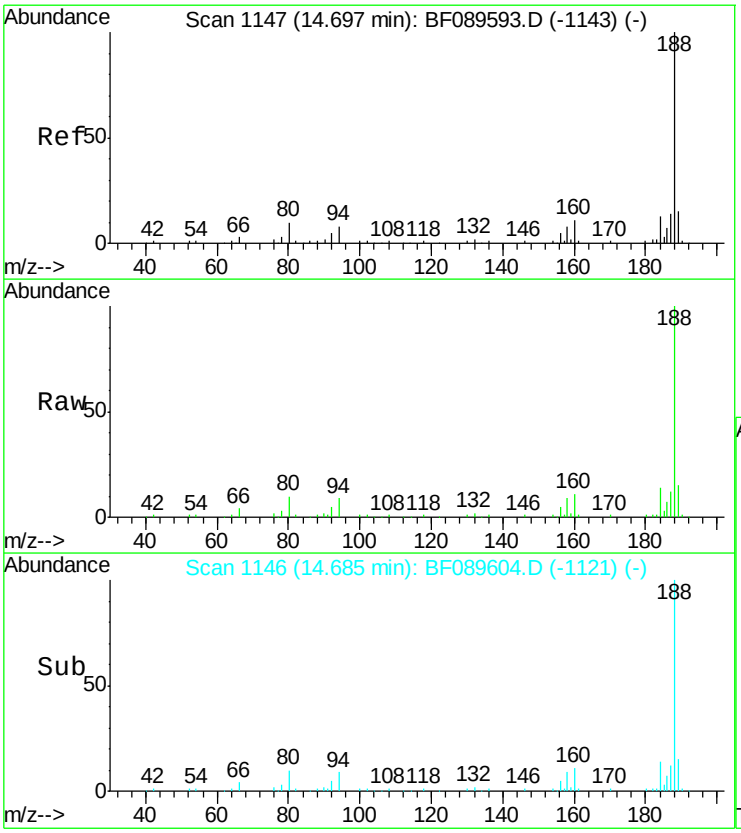
#62
Azobenzene
Concen: 0.03 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.09 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion: 77 Resp: 210

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.8	45.8#
105	102.0	2.9	42.9#
51	0.0	7.2	47.2#

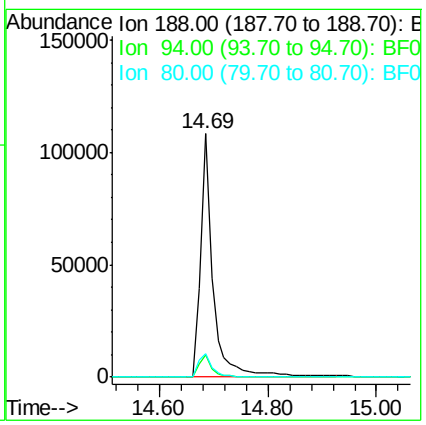


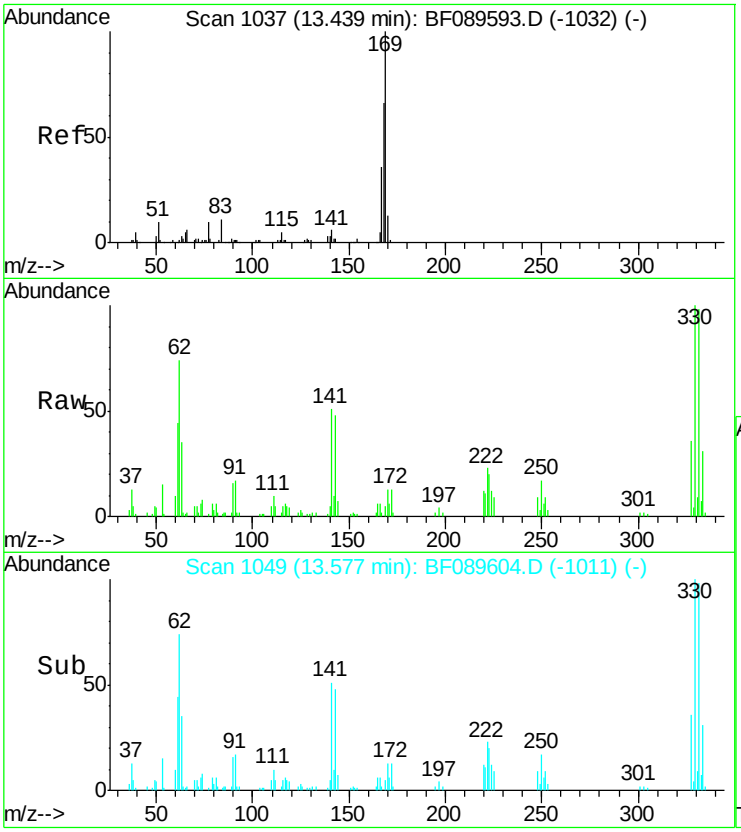


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion:188 Resp: 171239

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.5	9.7
80	9.9	8.0	12.0



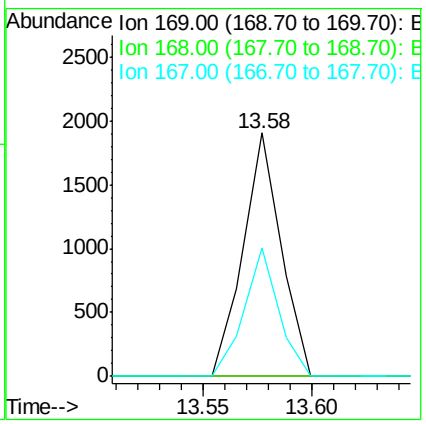


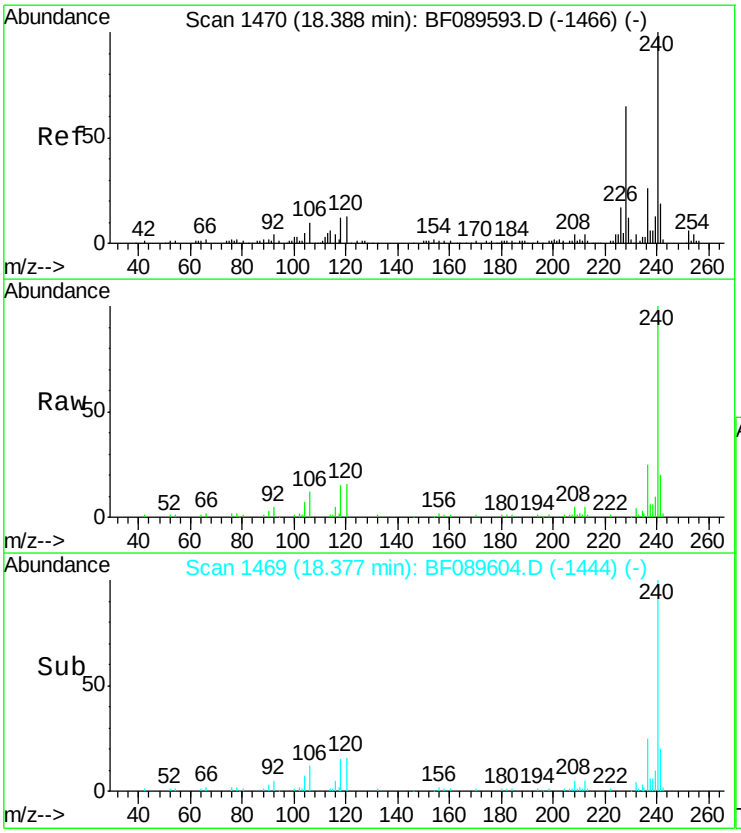
#65
n-Nitrosodiphenylamine
Concen: 0.40 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.14 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion:169 Resp: 2313

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.2#
167	52.6	28.9	43.3#

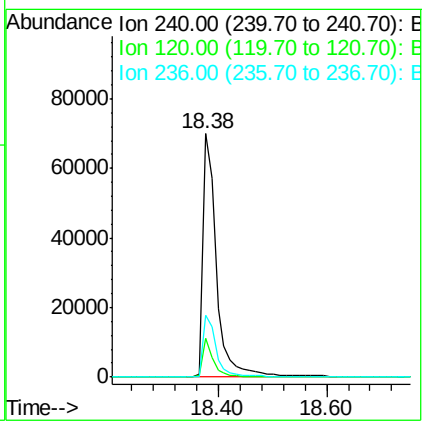


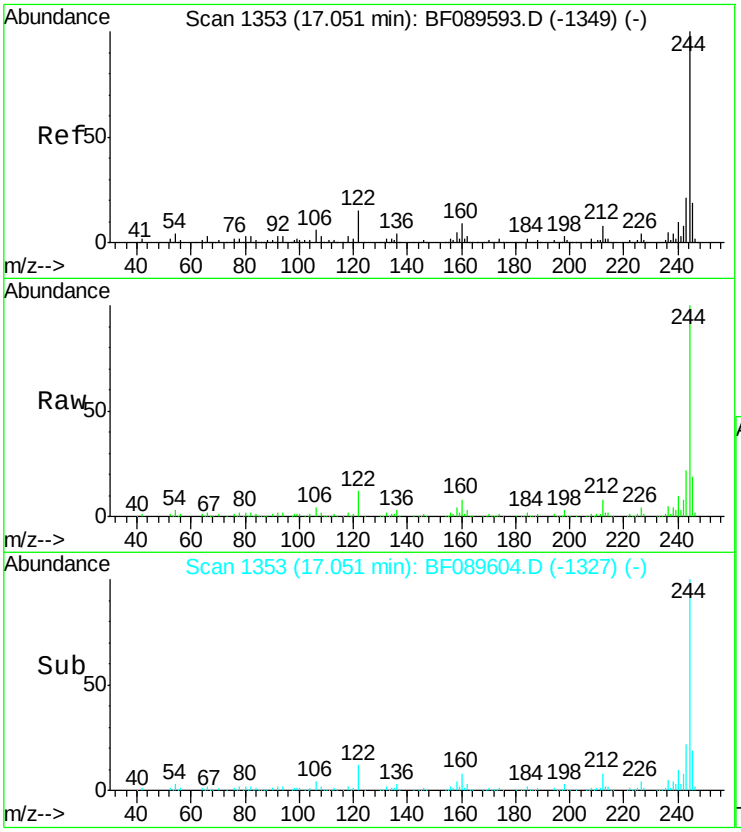


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion:240 Resp: 121046

Ion	Ratio	Lower	Upper
240	100		
120	15.9	10.6	15.8#
236	25.3	20.6	30.8



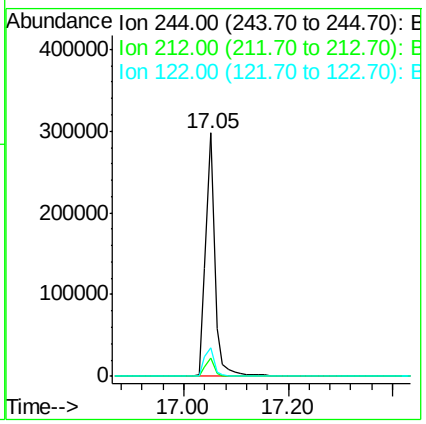


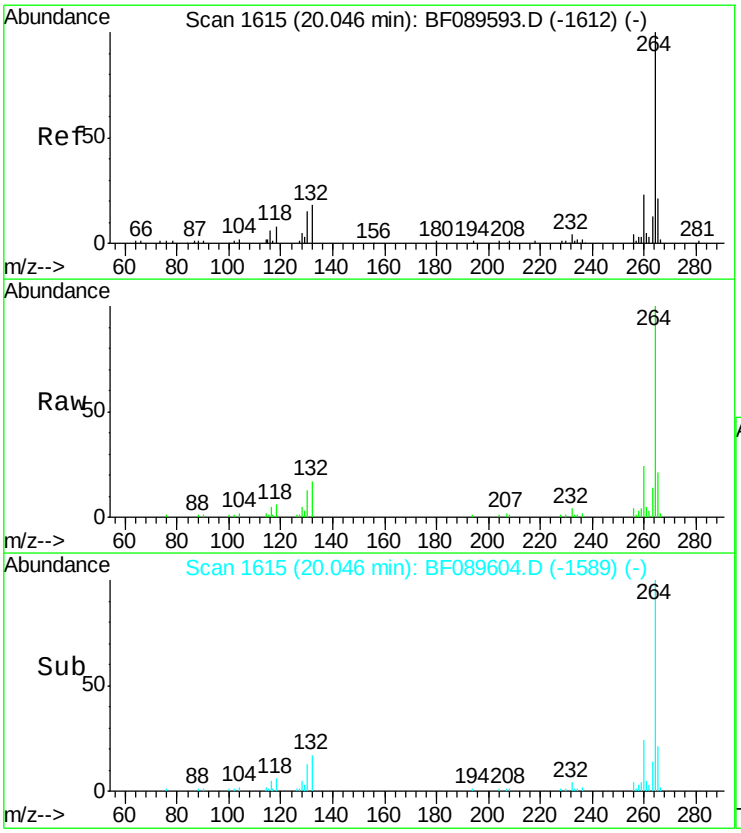
#78
Terphenyl-d14
Concen: 60.16 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Instrument :
BNA_F
ClientSampleId :
PB92673TB

Tgt Ion:244 Resp: 368895

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	11.8	12.2	18.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089604.D
Acq: 5 Aug 2016 00:11

Tgt Ion:264 Resp: 90021

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.1	16.5	24.7