Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
Data File : BF089601.D
Acq On : 4 Aug 2016 22:30
Operator : UM/SJ
Sample : PB92672TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92672TB

Quant Time: Aug 05 01:52:39 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	43725	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	188748	20.00	ng	0.00
38) Acenaphthene-d10	12.28	164	93018	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	187805	20.00	ng	-0.01
75) Chrysene-d12	18.38	240	131941	20.00	ng	-0.01
86) Perylene-d12	20.05	264	97956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	324426	124.36	ng	0.02
7) Phenol-d6	6.97	99	433500	122.49	ng	-0.01
23) Nitrobenzene-d5	8.35	82	265859	77.91	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	93197	121.41	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	525962	73.49	ng	-0.01
78) Terphenyl-d14	17.05	244	478119	71.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.97	77	237	0.18	ng	# 1
10) Phenol	7.08	94	497	0.14	ng	# 1
15) Benzyl Alcohol	7.68	79	4337	1.87	ng	# 41
19) n-Nitroso-di-n-propylamine	8.35	70	31856	12.46	ng	# 79
24) Nitrobenzene	8.35	77	503	0.16	ng	# 42
45) 1,1'-Biphenyl	11.24	154	719	0.09	ng	# 1
62) Azobenzene	13.58	77	349	0.05	ng	# 7
65) n-Nitrosodiphenylamine	13.58	169	3465	0.55	ng	# 37

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
Data File : BF089601.D
Acq On : 4 Aug 2016 22:30
Operator : UM/SJ
Sample : PB92672TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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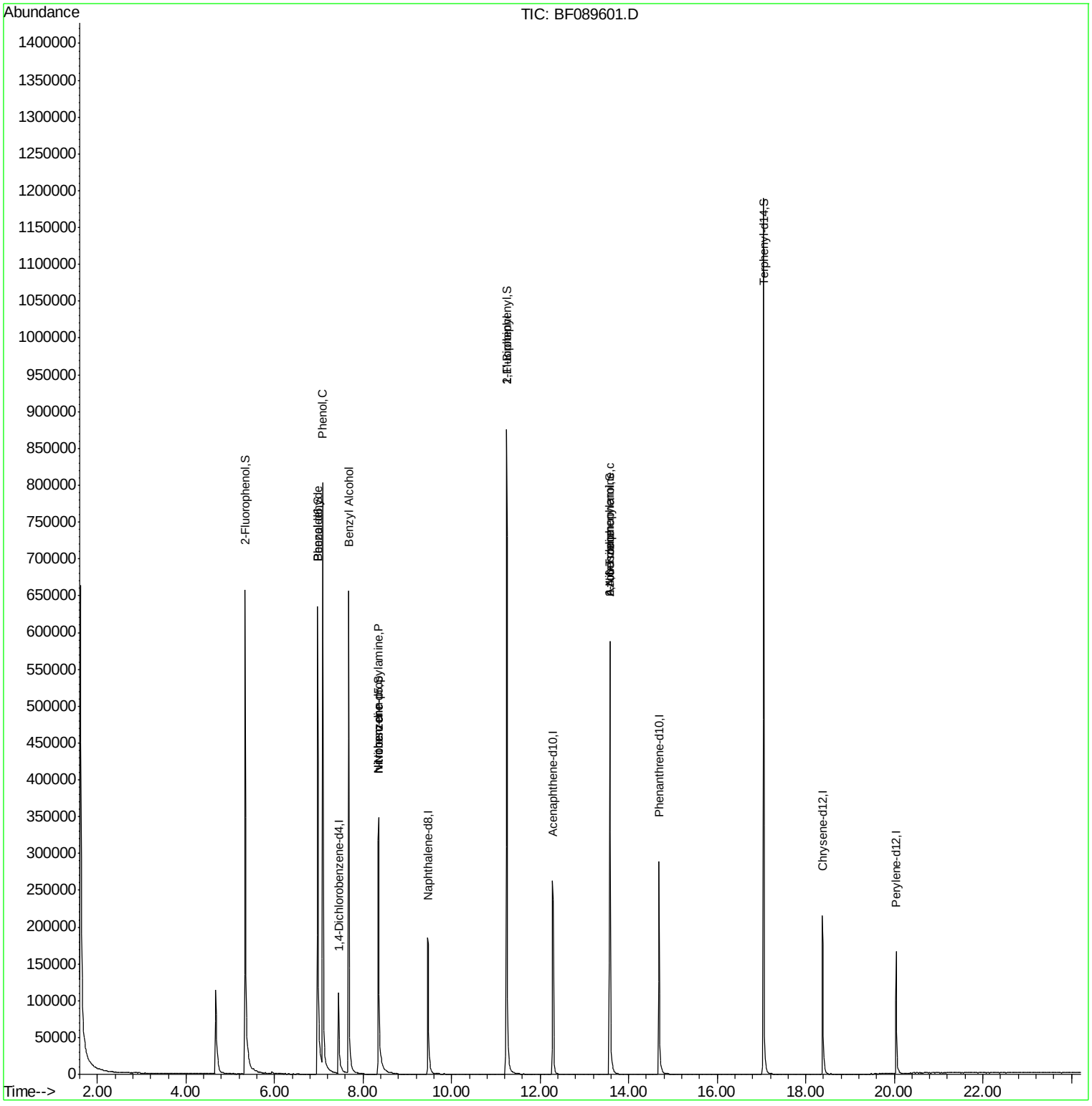
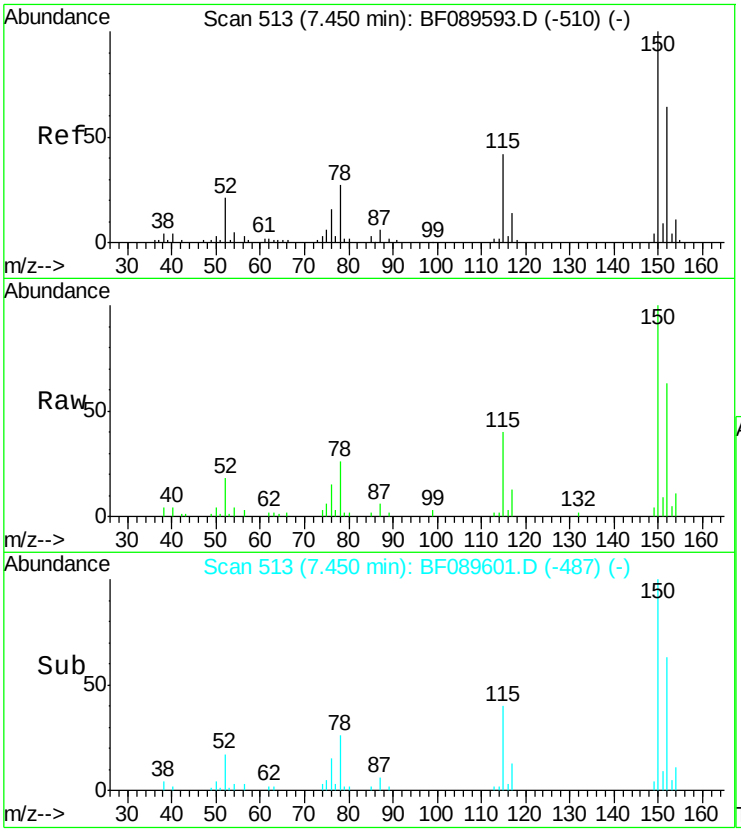
Quant Time: Aug 05 01:52:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration



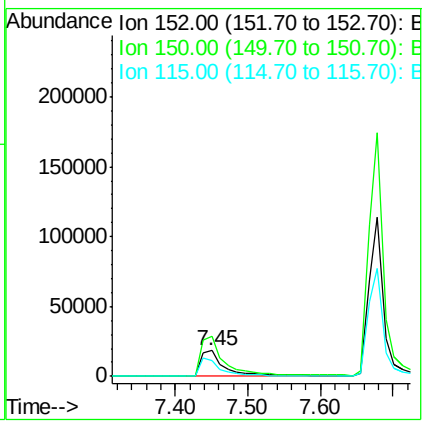


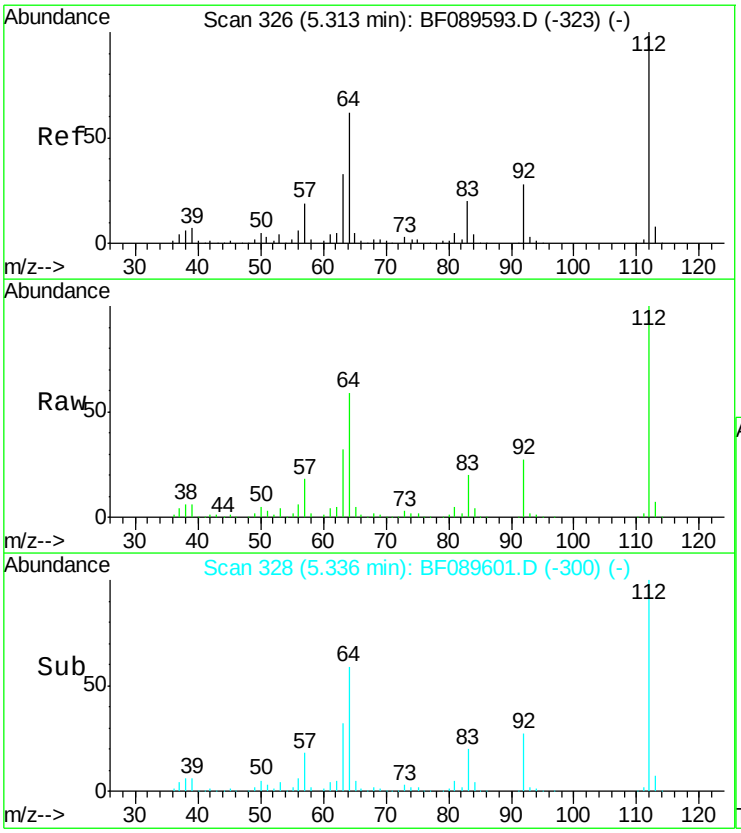
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion:152 Resp: 43725

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.5	188.3
115	62.9	52.0	78.0

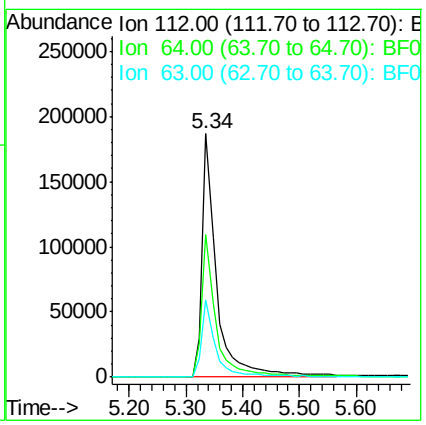


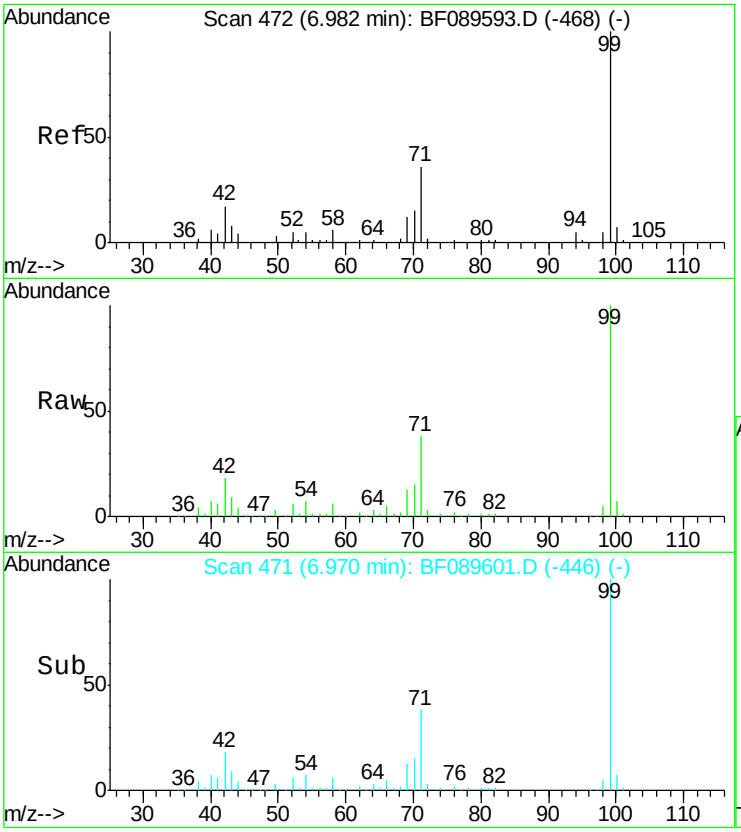


#5
2-Fluorophenol
Concen: 124.36 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion:112 Resp: 324426

Ion	Ratio	Lower	Upper
112	100		
64	58.6	49.9	74.9
63	31.7	26.1	39.1



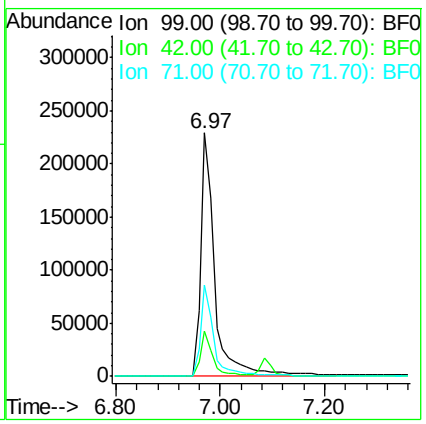


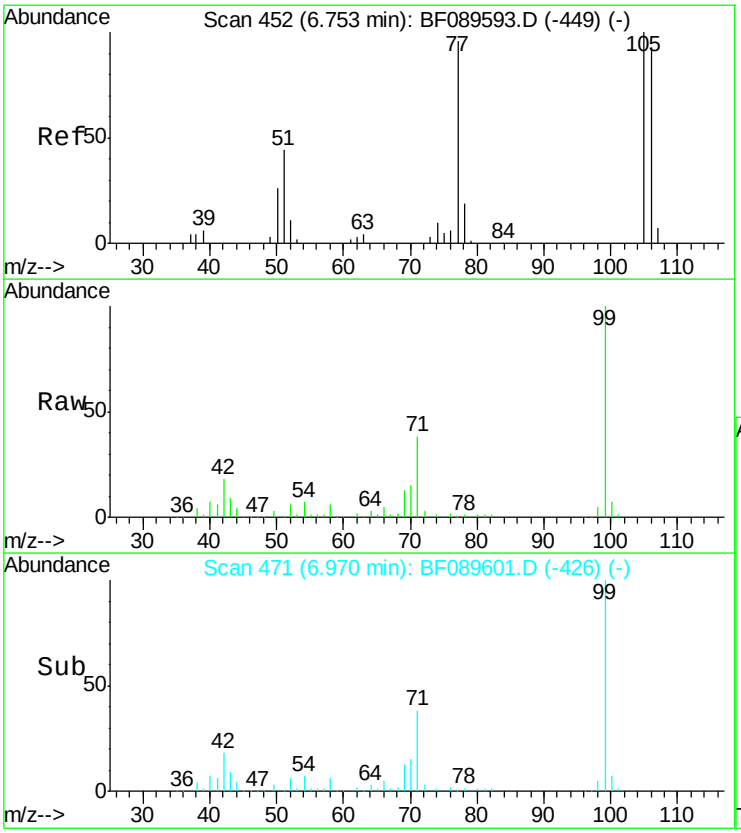
#7
Phenol-d6
Concen: 122.49 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion: 99 Resp: 433500

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	37.6	29.0	43.4

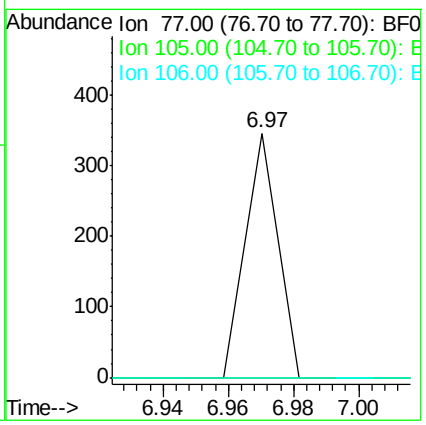


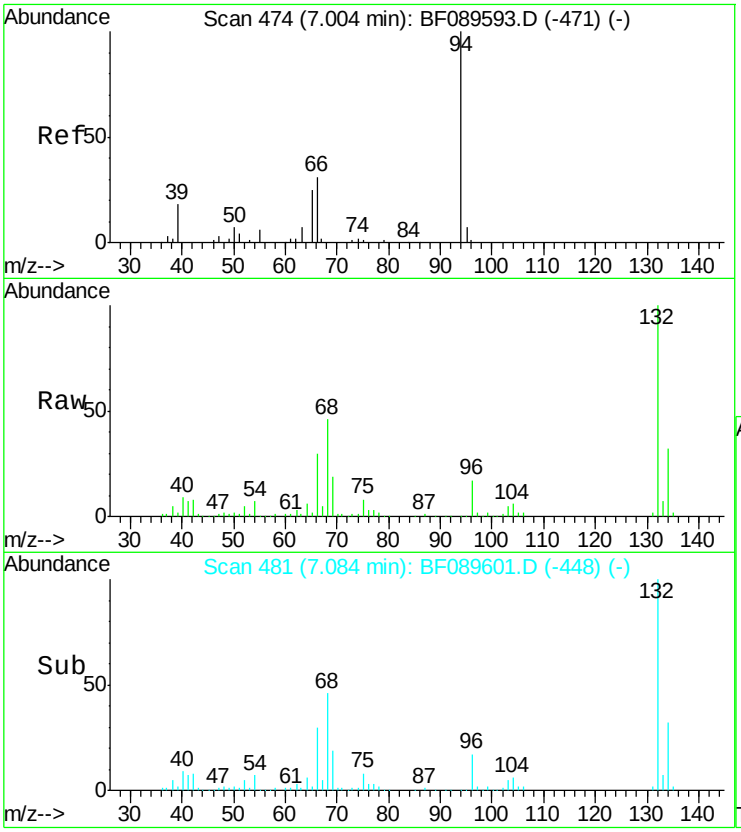


#9
Benzaldehyde
Concen: 0.18 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.22 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion: 77 Resp: 237

Ion	Ratio	Lower	Upper
77	100		
105	0.0	84.7	124.7#
106	0.0	77.1	117.1#



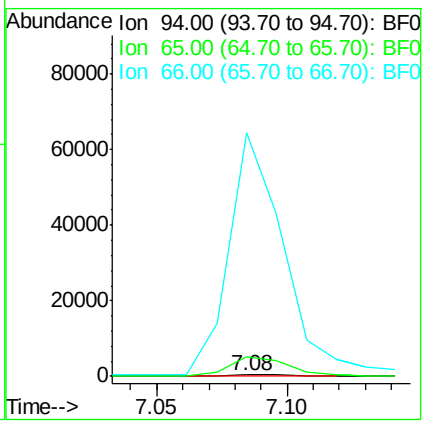


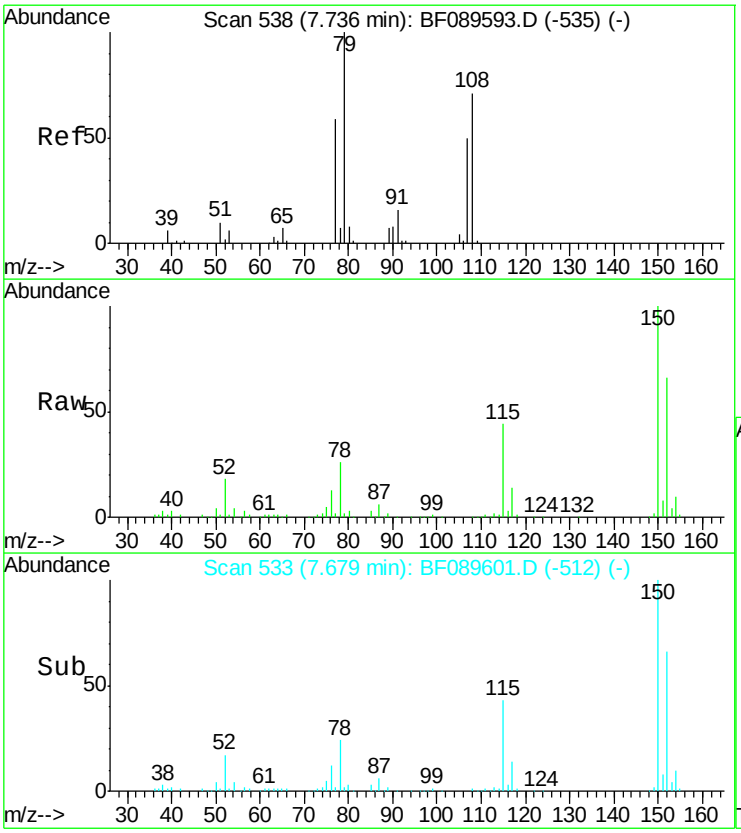
#10
Phenol
Concen: 0.14 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.08 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion: 94 Resp: 497

Ion	Ratio	Lower	Upper
94	100		
65	1293.6	11.0	51.0#
66	15798.0	27.4	67.4#

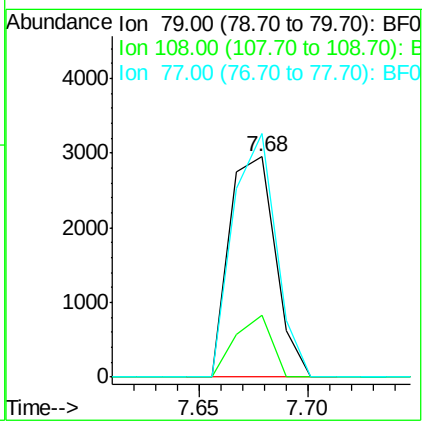


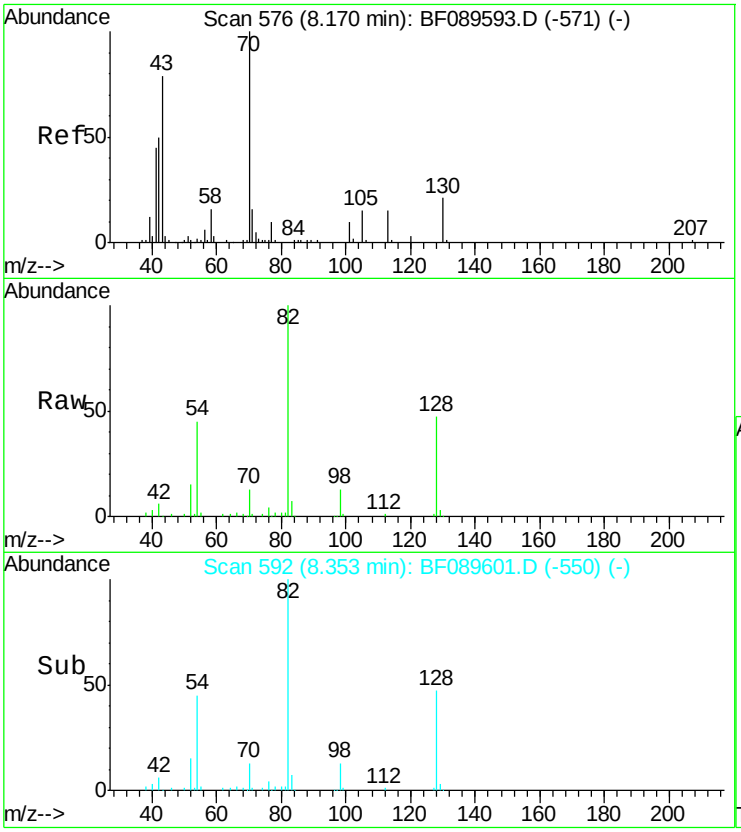


#15
Benzyl Alcohol
Concen: 1.87 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion: 79 Resp: 4337

Ion	Ratio	Lower	Upper
79	100		
108	28.4	58.3	87.5#
77	110.7	48.7	73.1#



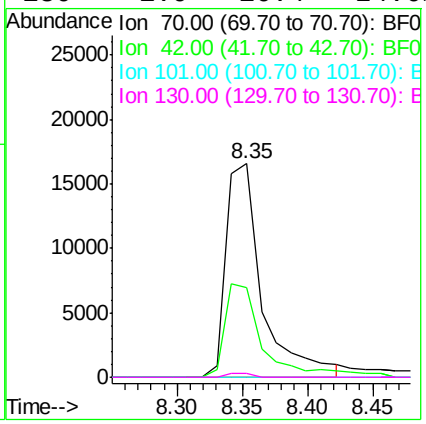


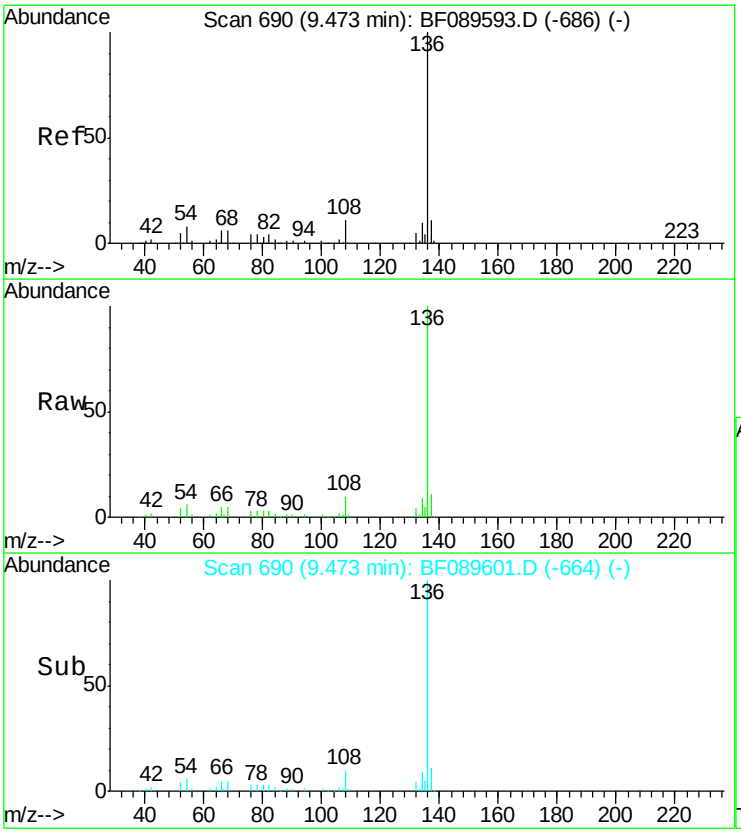
#19
n-Nitroso-di-n-propylamine
Concen: 12.46 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.18 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion: 70 Resp: 31856

Ion	Ratio	Lower	Upper
70	100		
42	42.0	40.2	60.2
101	0.0	7.8	11.6#
130	1.9	16.4	24.6#

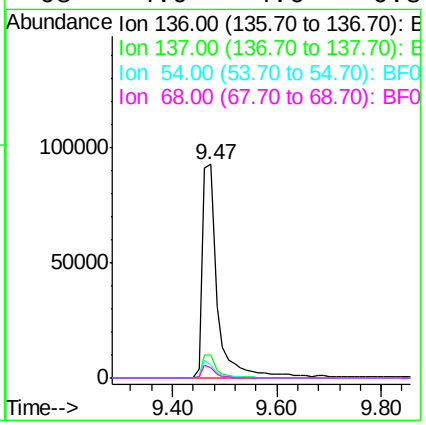


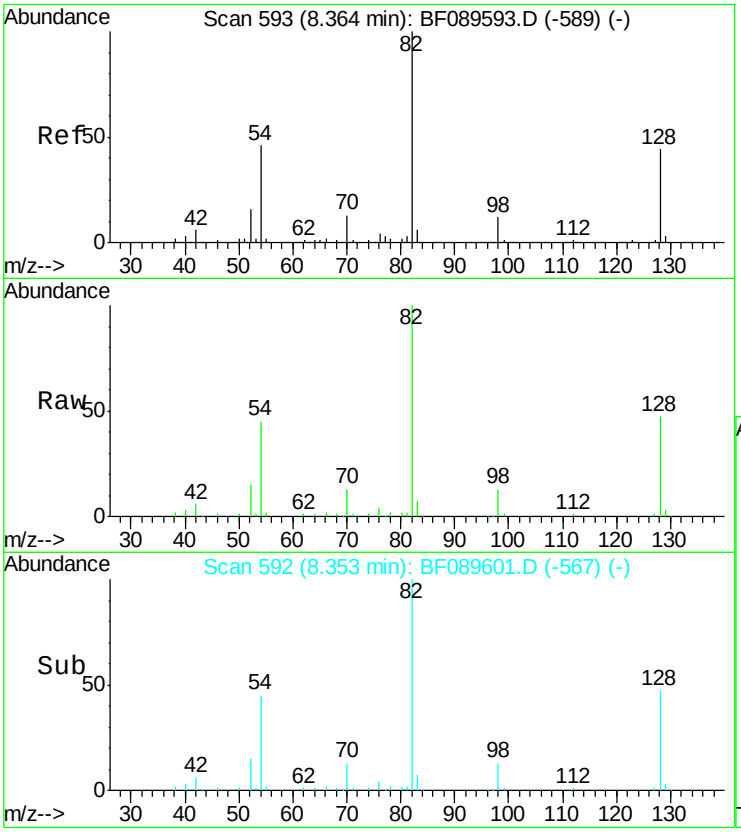


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion:136 Resp: 188748

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.2	6.0	9.0
68	4.9	4.6	6.8



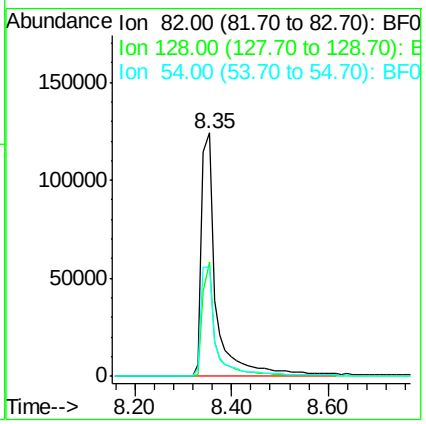


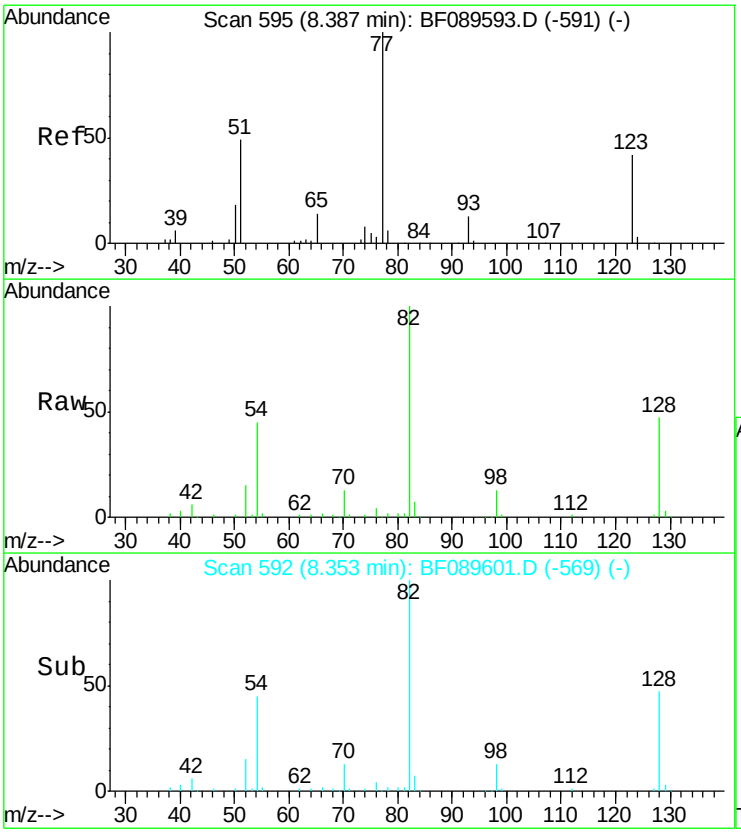
#23
Nitrobenzene-d5
Concen: 77.91 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion: 82 Resp: 265859

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.4	53.0
54	44.6	36.4	54.6

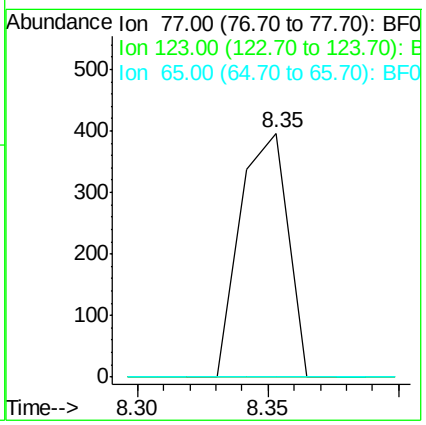


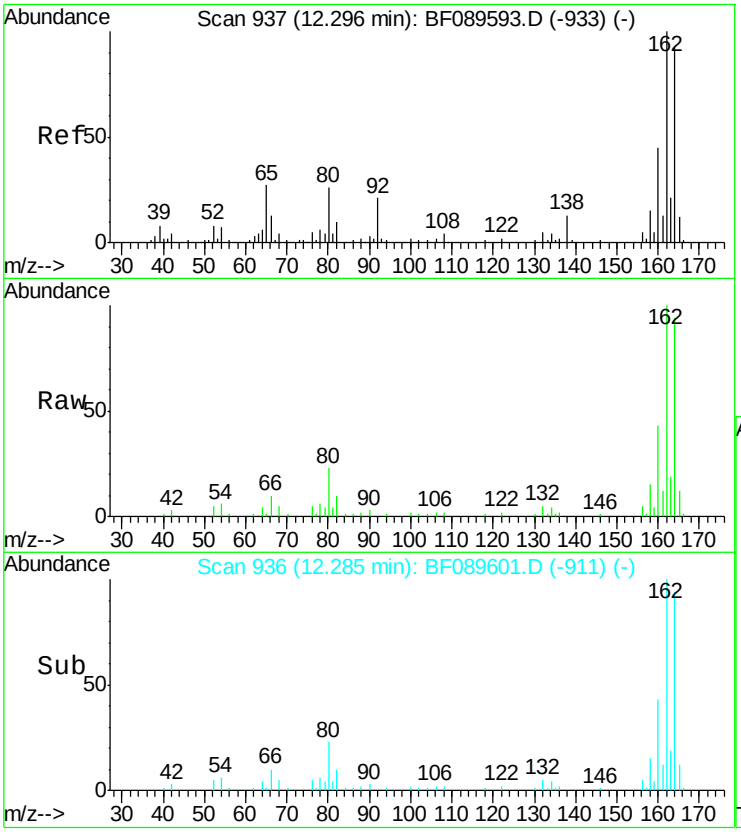


#24
Nitrobenzene
Concen: 0.16 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion: 77 Resp: 503

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



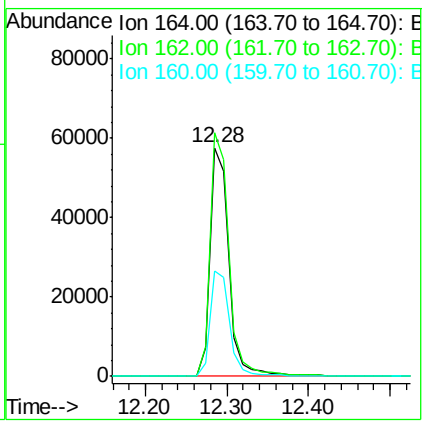


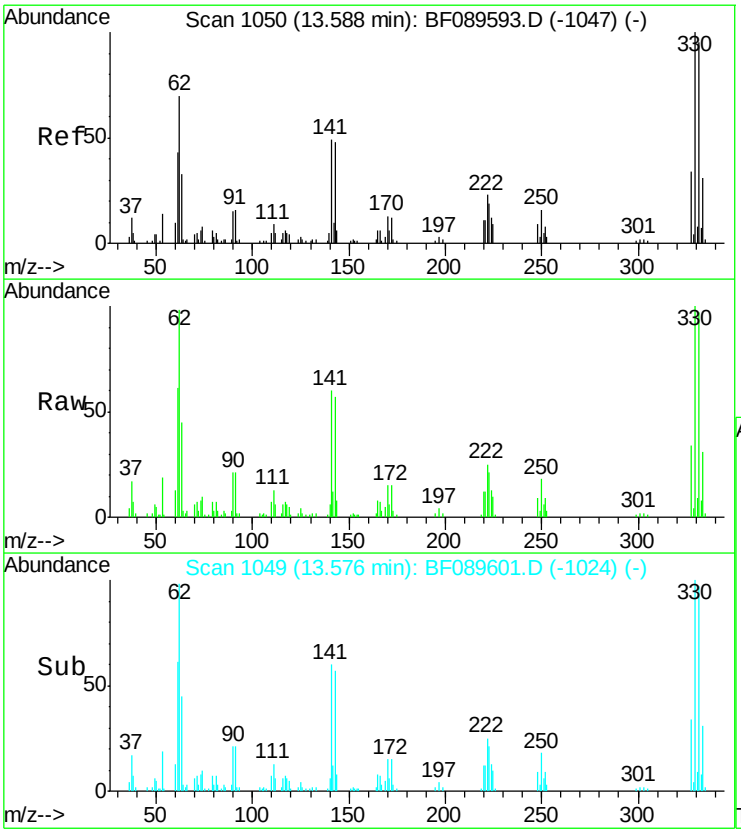
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.28 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion:164 Resp: 93018

Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.7	128.5
160	46.0	38.2	57.4

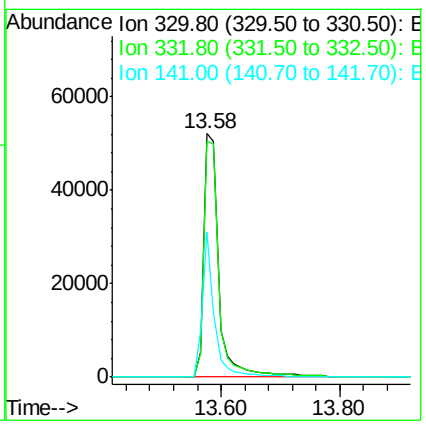


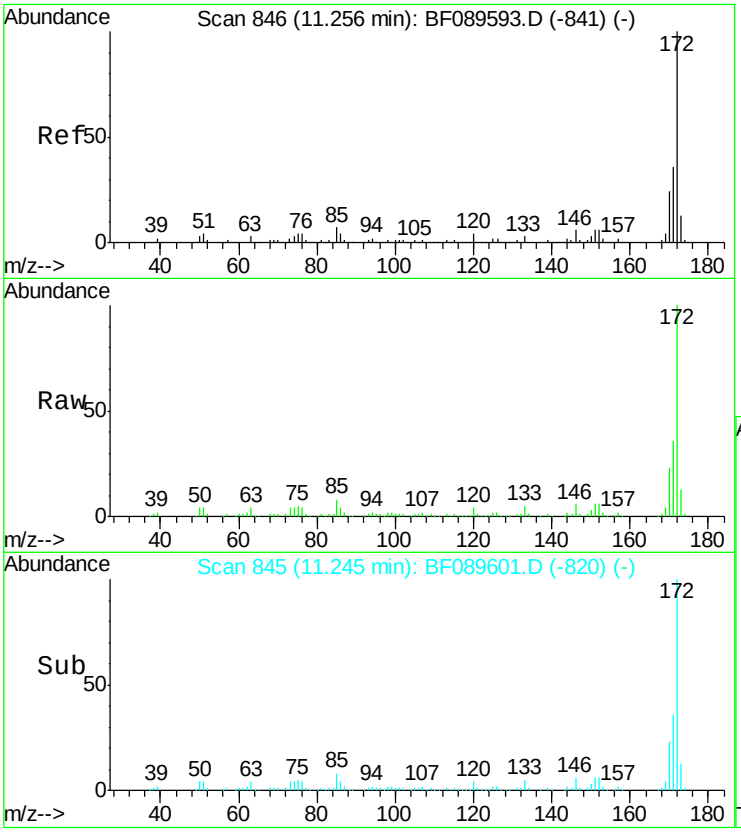


#41
2,4,6-Tribromophenol
Concen: 121.41 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion:330 Resp: 93197

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	47.8	38.6	57.8



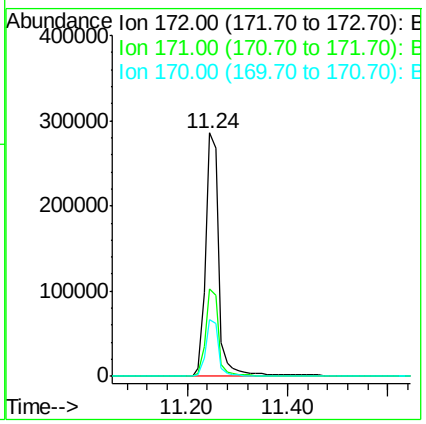


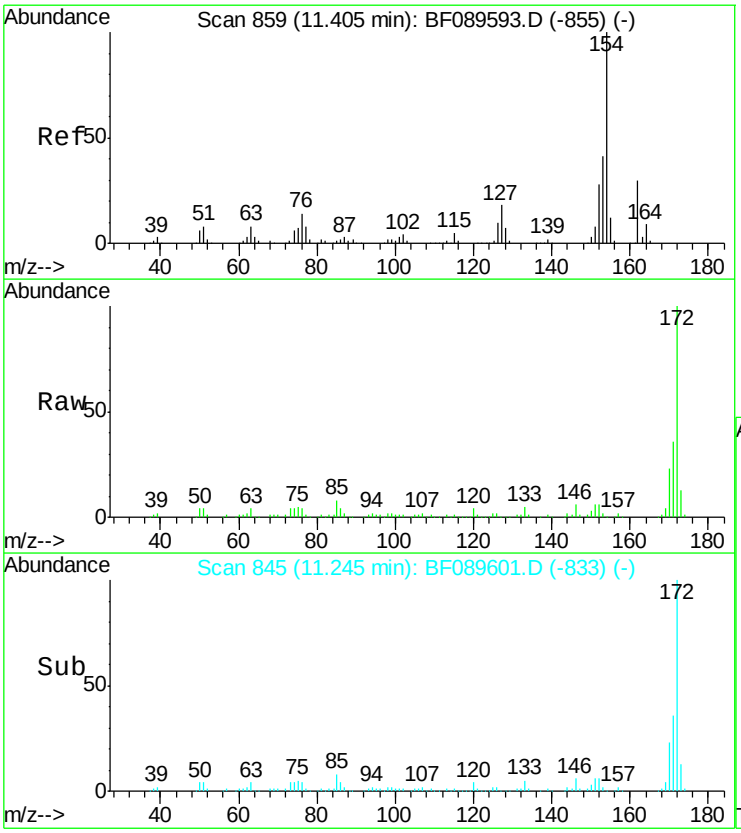
#44
2-Fluorobiphenyl
Concen: 73.49 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion:172 Resp: 525962

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.2	19.0	28.6

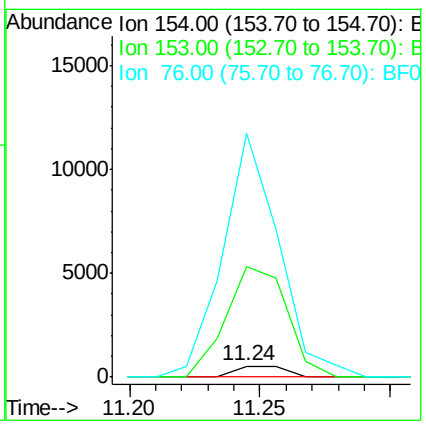


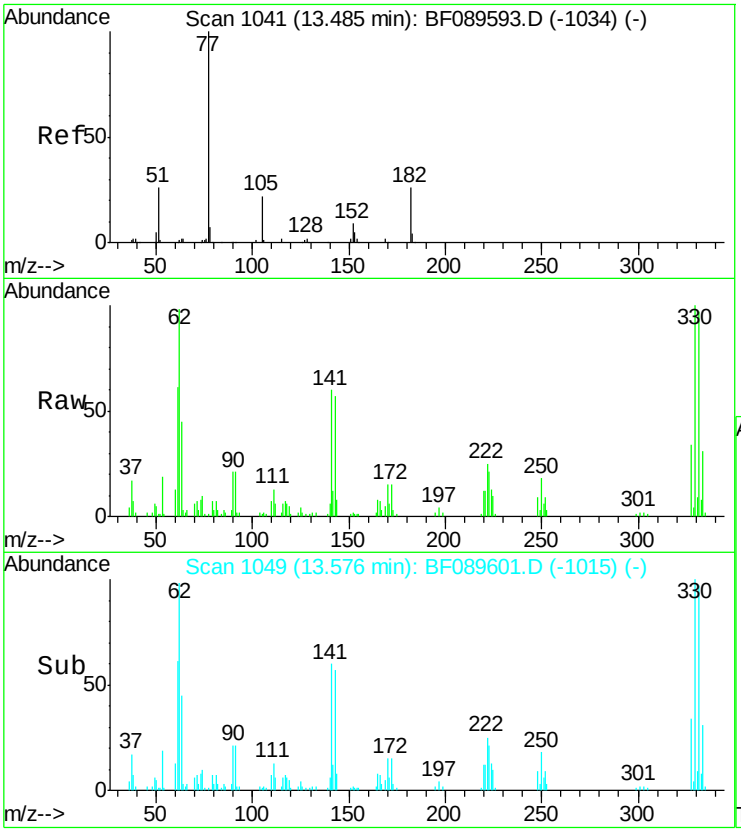


#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.16 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion:154 Resp: 719

Ion	Ratio	Lower	Upper
154	100		
153	991.5	20.6	60.6#
76	2174.8	0.0	33.7#



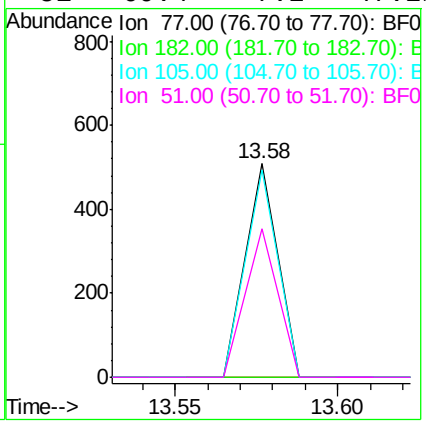


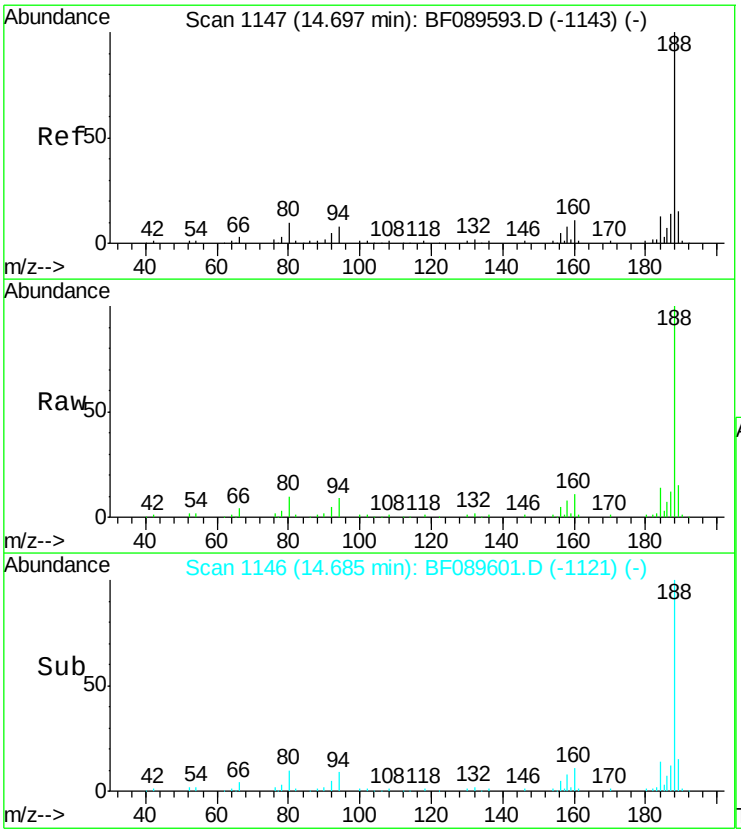
#62
Azobenzene
Concen: 0.05 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.09 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion: 77 Resp: 349

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.8	45.8#
105	97.1	2.9	42.9#
51	69.4	7.2	47.2#

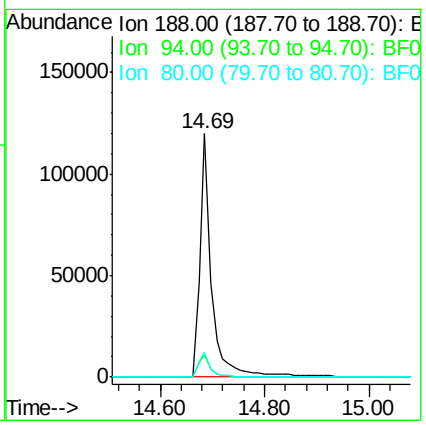


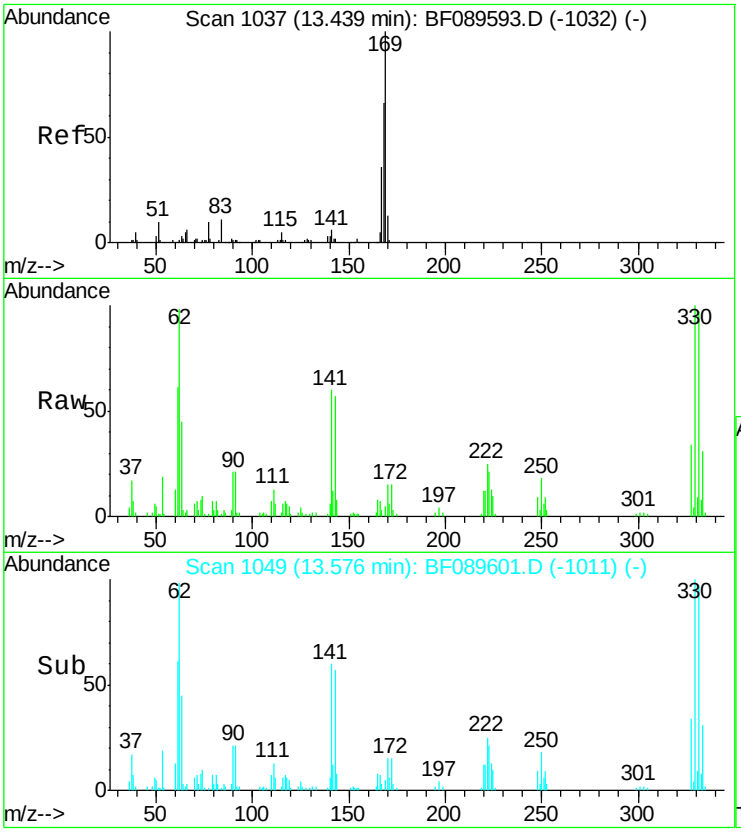


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion:188 Resp: 187805

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.5	9.7
80	10.3	8.0	12.0



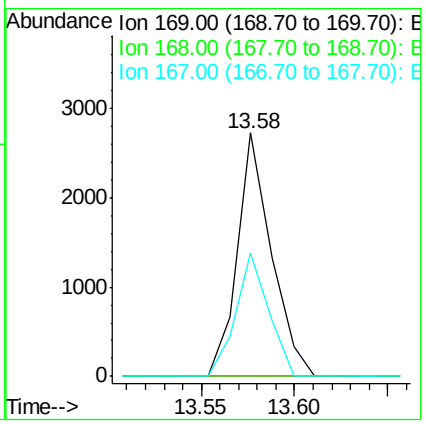


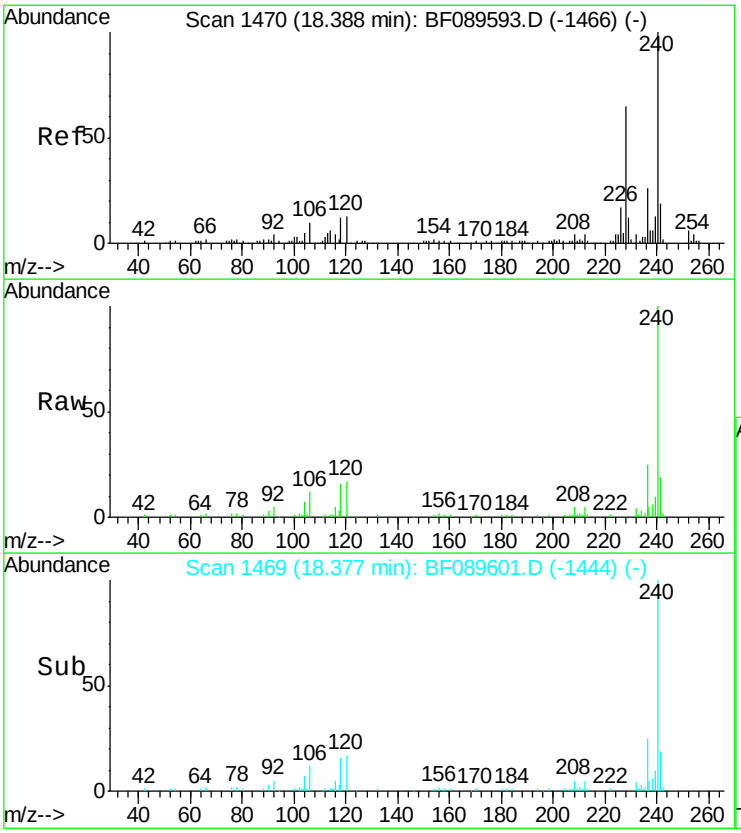
#65
n-Nitrosodiphenylamine
Concen: 0.55 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.14 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion:169 Resp: 3465

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.2#
167	50.8	28.9	43.3#

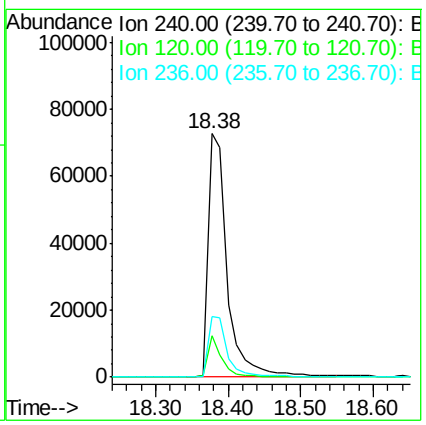


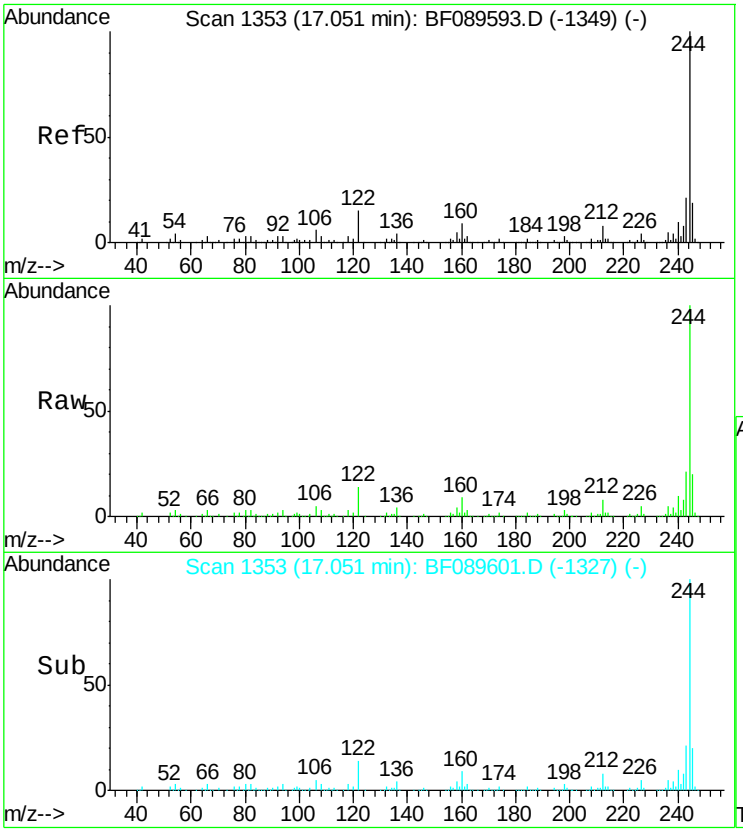


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion:240 Resp: 131941

Ion	Ratio	Lower	Upper
240	100		
120	16.9	10.6	15.8#
236	25.1	20.6	30.8



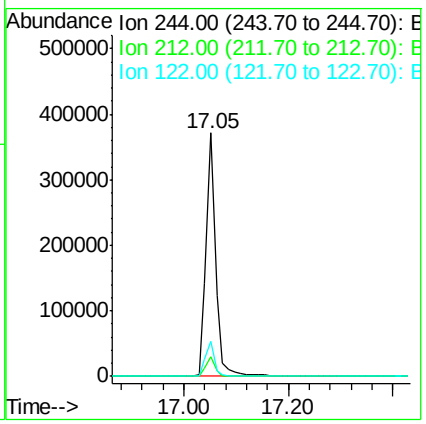


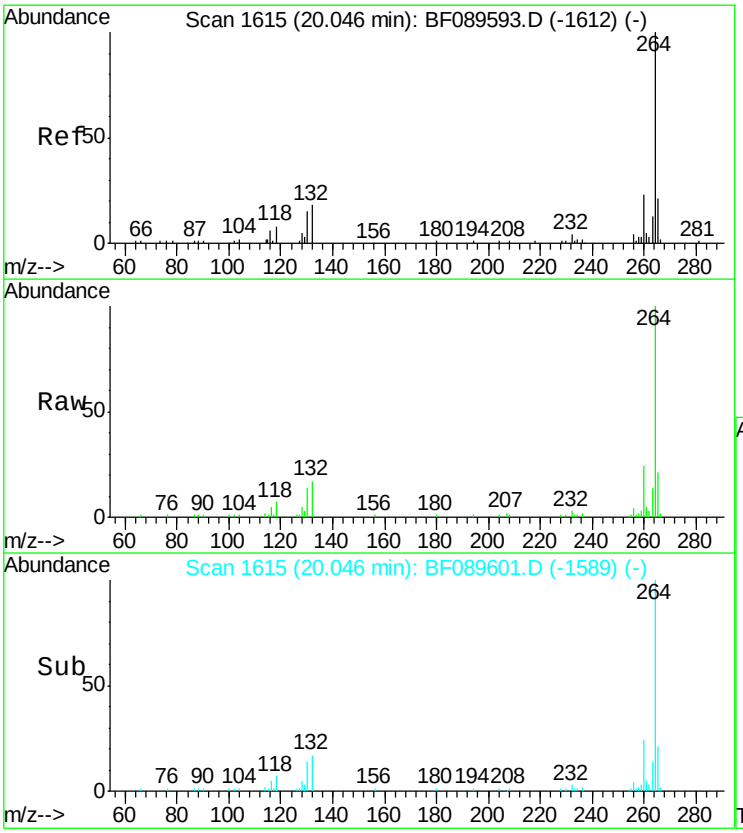
#78
Terphenyl-d14
Concen: 71.54 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089601.D
Acq: 4 Aug 2016 22:30

Instrument :
BNA_F
ClientSampleId :
PB92672TB

Tgt Ion:244 Resp: 478119

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	14.4	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: BF089601.D
Acq: 4 Aug 2016 22:30

Tgt Ion:264 Resp: 97956

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.4	16.5	24.7