Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089420.D
Acq On : 29 Jul 2016 20:36
Operator : UM/SJ
Sample : H4221-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43-14.0-15.0

Quant Time: Jul 29 23:33:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

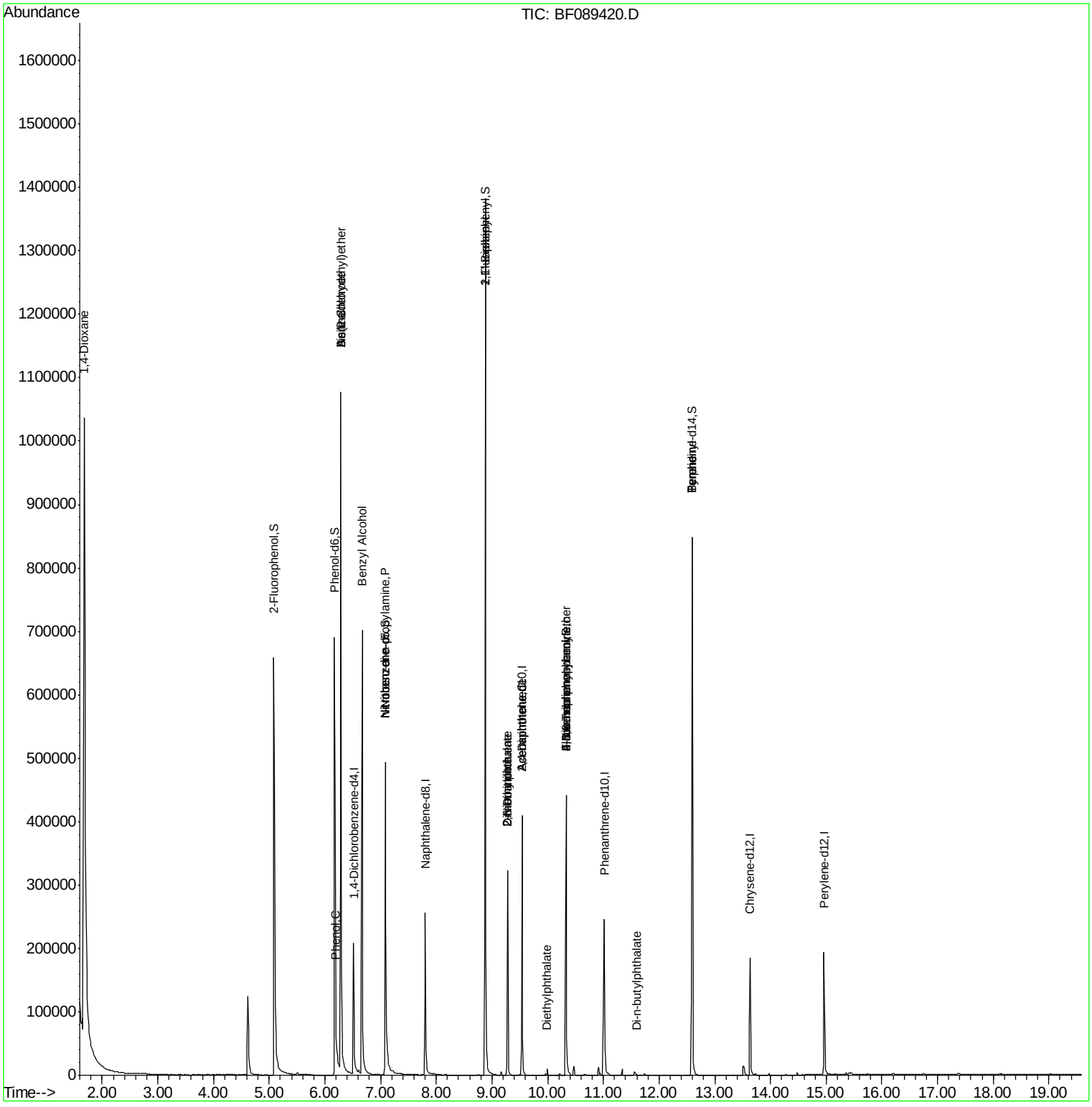
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	43604	20.00	ng		-0.03
21) Naphthalene-d8	7.80	136	169845	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	80436	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	120151	20.00	ng		-0.03
75) Chrysene-d12	13.63	240	83233	20.00	ng		-0.03
86) Perylene-d12	14.96	264	91146	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	297127	108.80	ng		-0.02
7) Phenol-d6	6.17	99	390067	108.08	ng		-0.03
23) Nitrobenzene-d5	7.08	82	244914	85.11	ng		-0.03
41) 2,4,6-Tribromophenol	10.33	330	62260	93.46	ng		-0.03
44) 2-Fluorobiphenyl	8.88	172	446585	81.48	ng		-0.03
78) Terphenyl-d14	12.59	244	264189	74.29	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.68	88	51658	41.92	ng	#	26
6) Aniline	6.28	93	312	0.08	ng	#	1
9) Benzaldehyde	6.28	77	7785	4.42	ng		82
10) Phenol	6.19	94	1091	0.27	ng	#	1
11) bis(2-Chloroethyl)ether	6.28	93	312	0.09	ng	#	1
15) Benzyl Alcohol	6.67	79	3803	1.70	ng	#	40
19) n-Nitroso-di-n-propylamine	7.08	70	31934	14.67	ng	#	82
24) Nitrobenzene	7.08	77	597	0.18	ng	#	38
45) 1,1'-Biphenyl	8.88	154	715	0.10	ng	#	1
47) 2-Nitroaniline	9.28	65	953	0.63	ng	#	1
49) Dimethylphthalate	9.28	163	127012	20.75	ng		99
50) 2,6-Dinitrotoluene	9.28	165	930	0.74	ng	#	1
51) Acenaphthene	9.54	154	216	0.05	ng	#	4
56) 2,4-Dinitrotoluene	9.54	165	9666	5.84	ng	#	7
57) Fluorene	10.33	166	2776	0.49	ng	#	87
59) Diethylphthalate	9.98	149	338	0.05	ng	#	62
65) n-Nitrosodiphenylamine	10.33	169	2171	0.58	ng	#	42
66) 4-Bromophenyl-phenylether	10.33	248	4757	4.15	ng	#	1
73) Di-n-butylphthalate	11.60	149	678	0.09	ng	#	78
76) Benzidine	12.59	184	4314	1.40	ng		99
77) Pyrene	12.59	202	730	0.12	ng	#	51

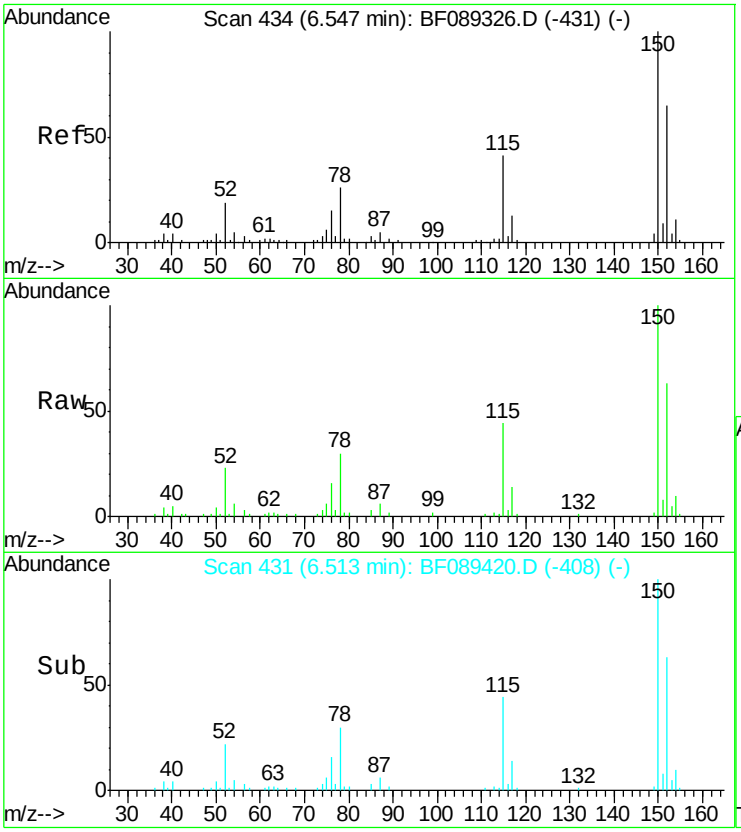
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089420.D
Acq On : 29 Jul 2016 20:36
Operator : UM/SJ
Sample : H4221-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Quant Time: Jul 29 23:33:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration



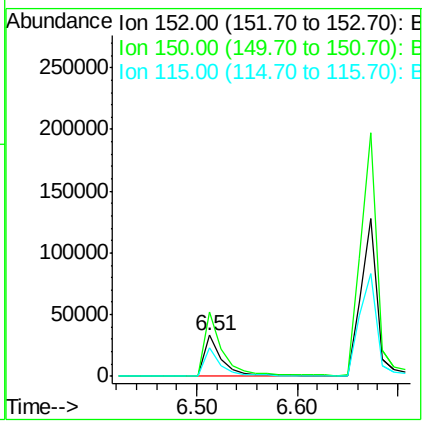


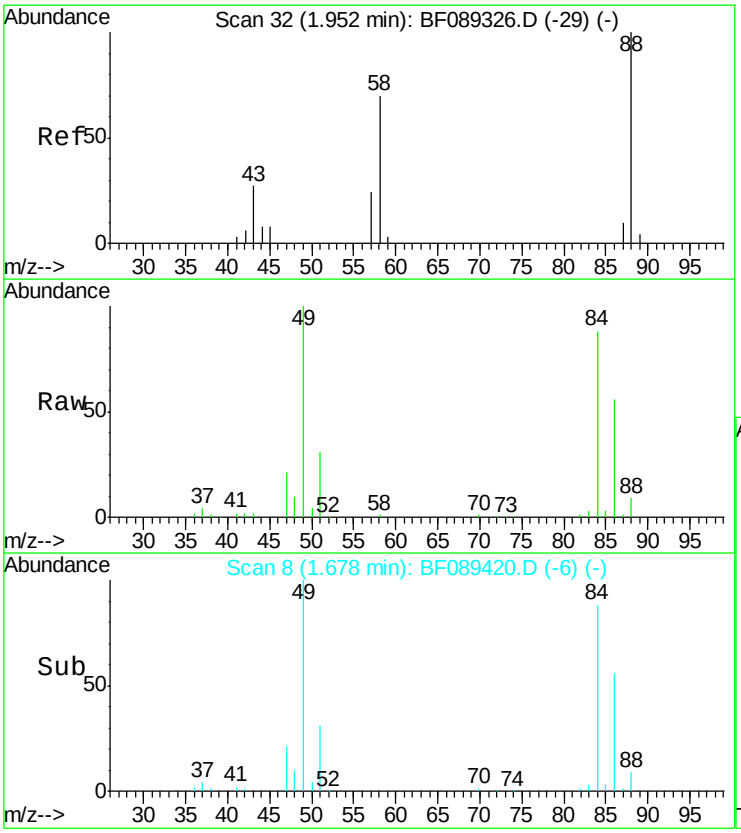
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:152 Resp: 43604

Ion	Ratio	Lower	Upper
152	100		
150	159.4	129.5	194.3
115	70.6	51.4	77.2

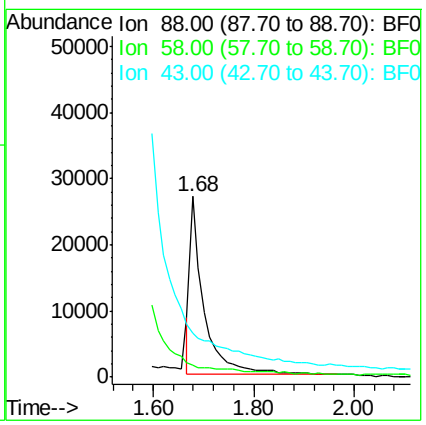


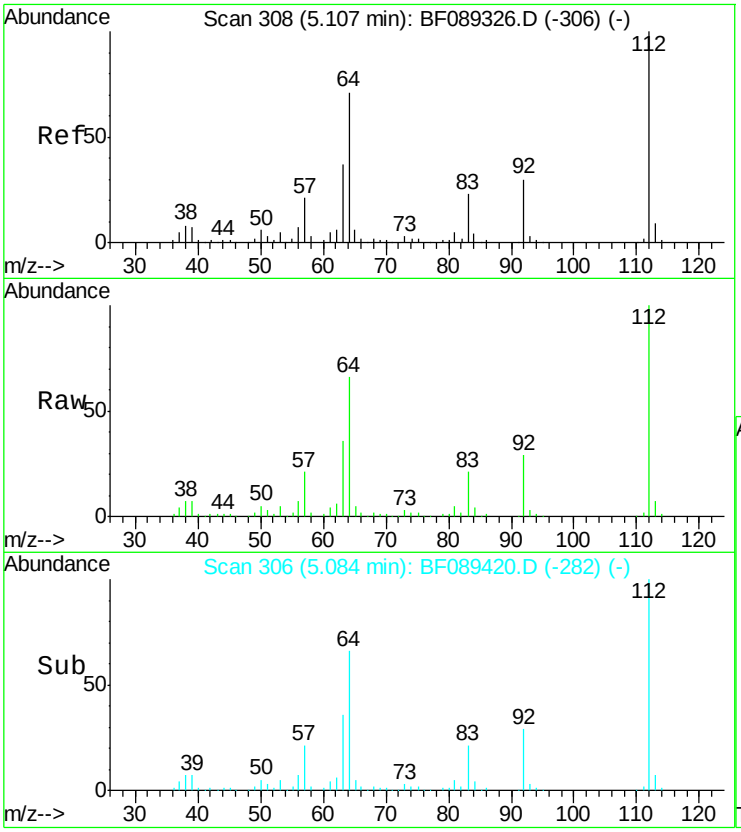


#2
1,4-Dioxane
Concen: 41.92 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.27 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion: 88 Resp: 51658

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.2	79.8#
43	0.0	20.6	31.0#



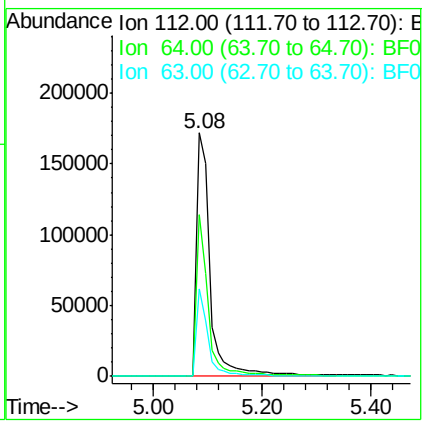


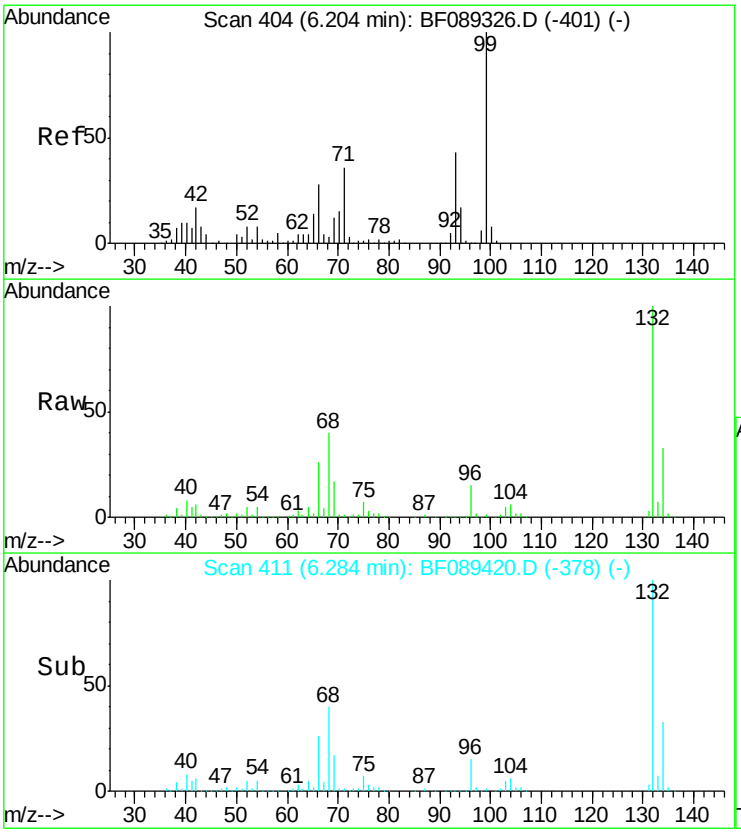
#5
2-Fluorophenol
Concen: 108.80 ng
RT: 5.08 min Scan# 306
Delta R.T. -0.02 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:112 Resp: 297127

Ion	Ratio	Lower	Upper
112	100		
64	66.4	55.0	82.6
63	35.9	29.4	44.2

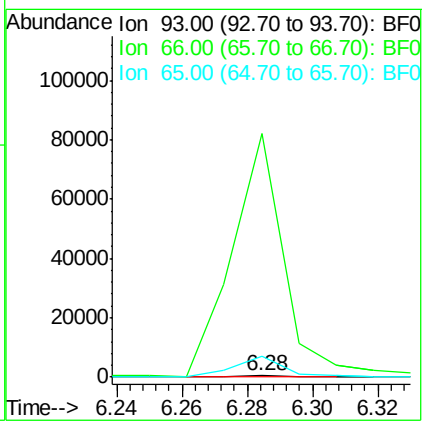


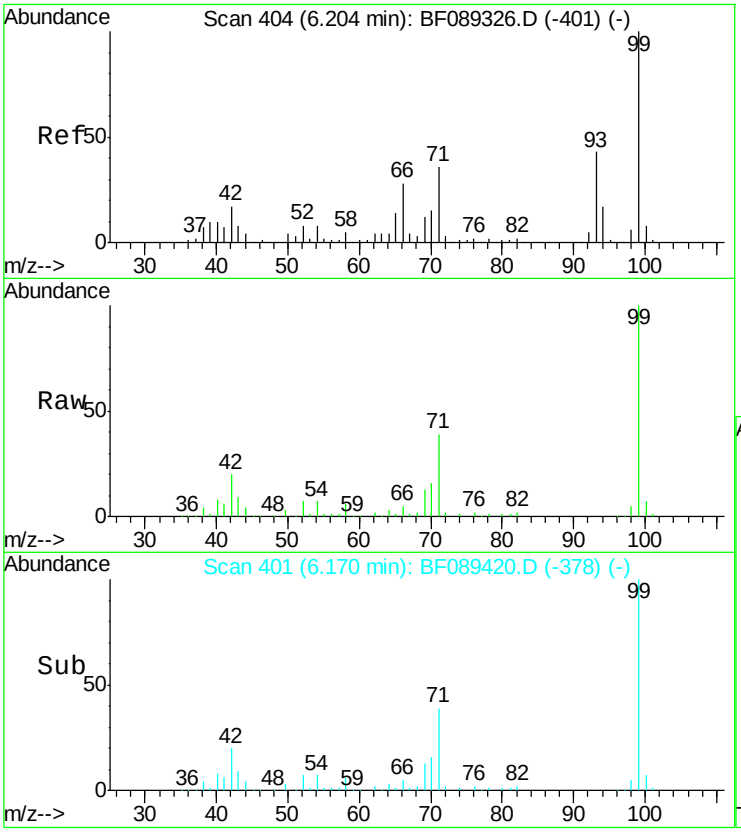


#6
Aniline
Concen: 0.08 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.08 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion: 93 Resp: 312

Ion	Ratio	Lower	Upper
93	100		
66	18041.3	51.6	77.4#
65	1542.2	24.7	37.1#



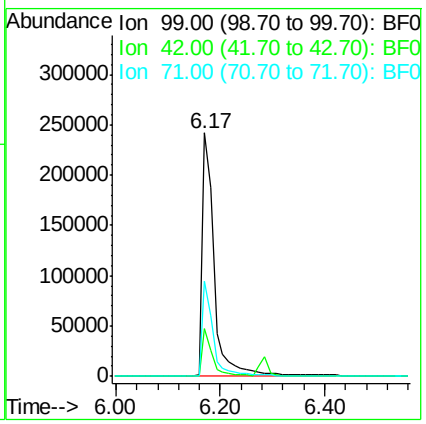


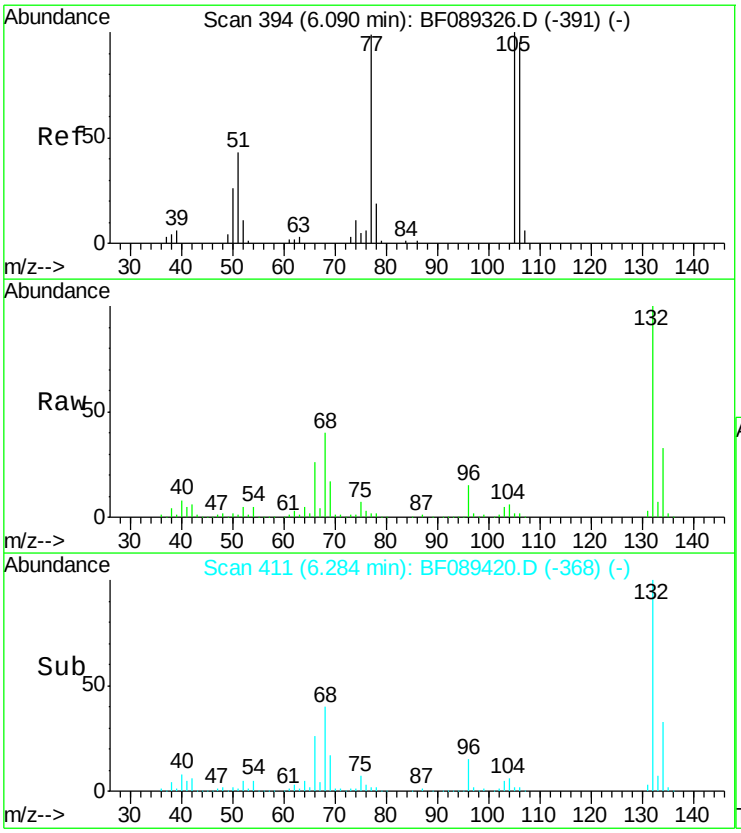
#7
Phenol-d6
Concen: 108.08 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion: 99 Resp: 390067

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.6	20.4
71	39.3	29.4	44.2

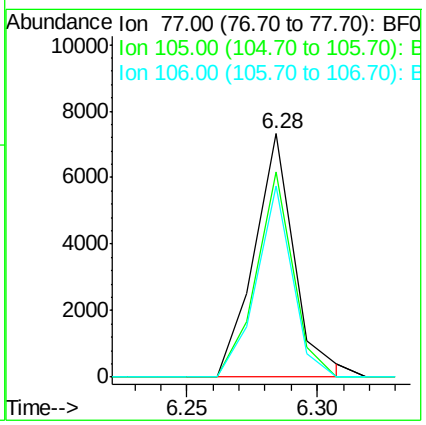


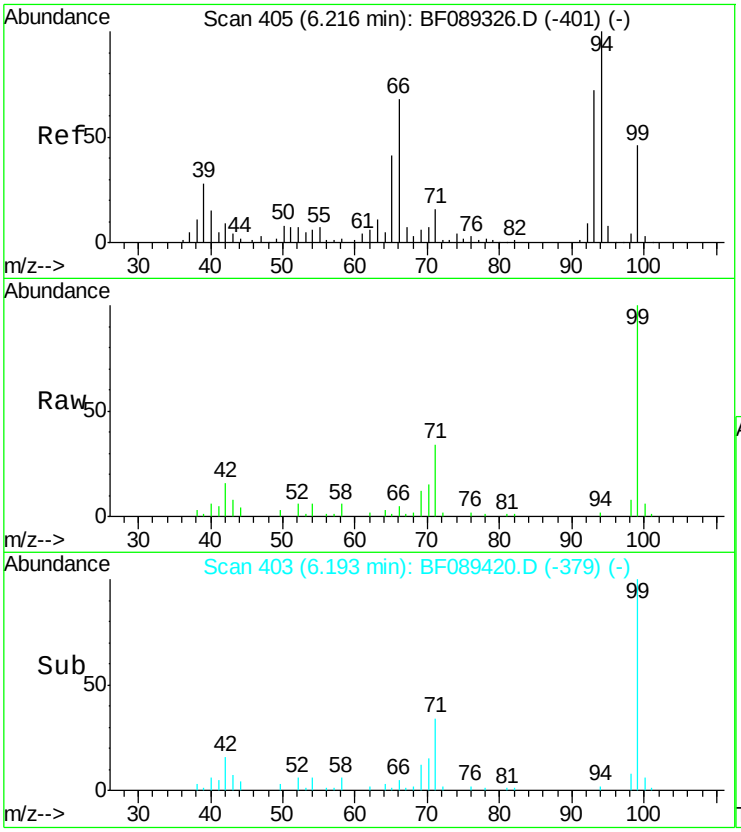


#9
Benzaldehyde
Concen: 4.42 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.19 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion: 77 Resp: 7785

Ion	Ratio	Lower	Upper
77	100		
105	84.4	82.9	122.9
106	78.8	75.9	115.9



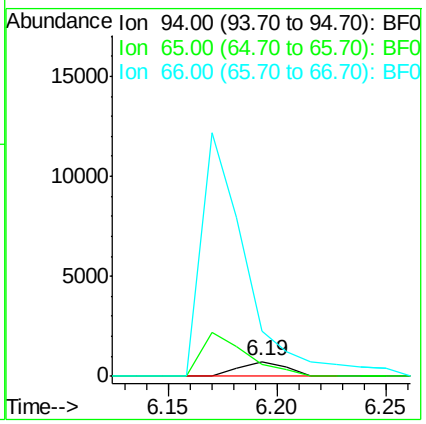


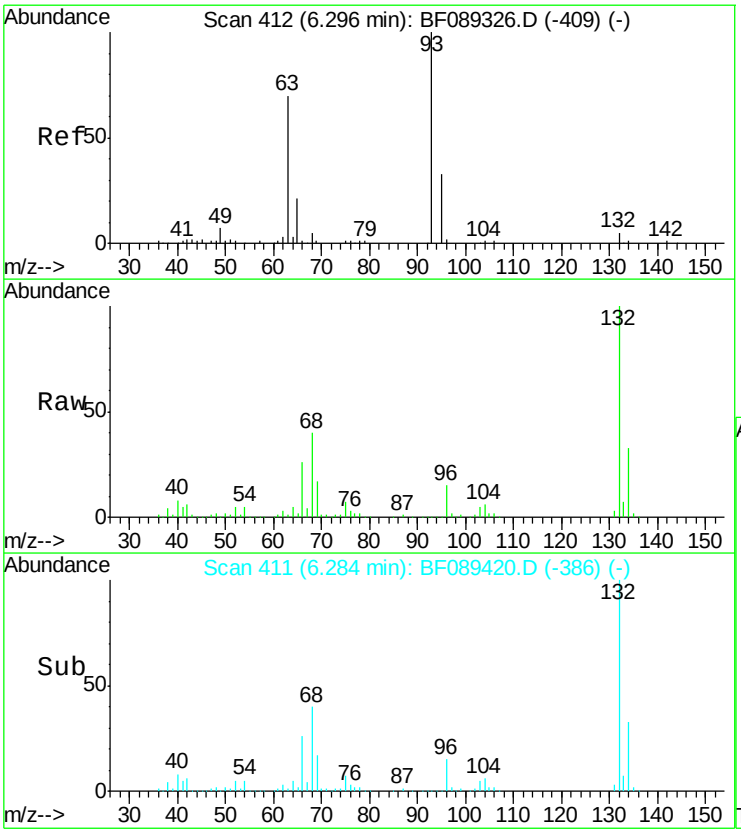
#10
Phenol
Concen: 0.27 ng
RT: 6.19 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion: 94 Resp: 1091

Ion	Ratio	Lower	Upper
94	100		
65	81.6	19.1	59.1#
66	310.8	44.4	84.4#

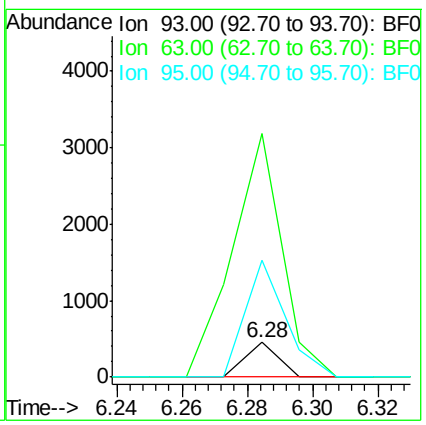


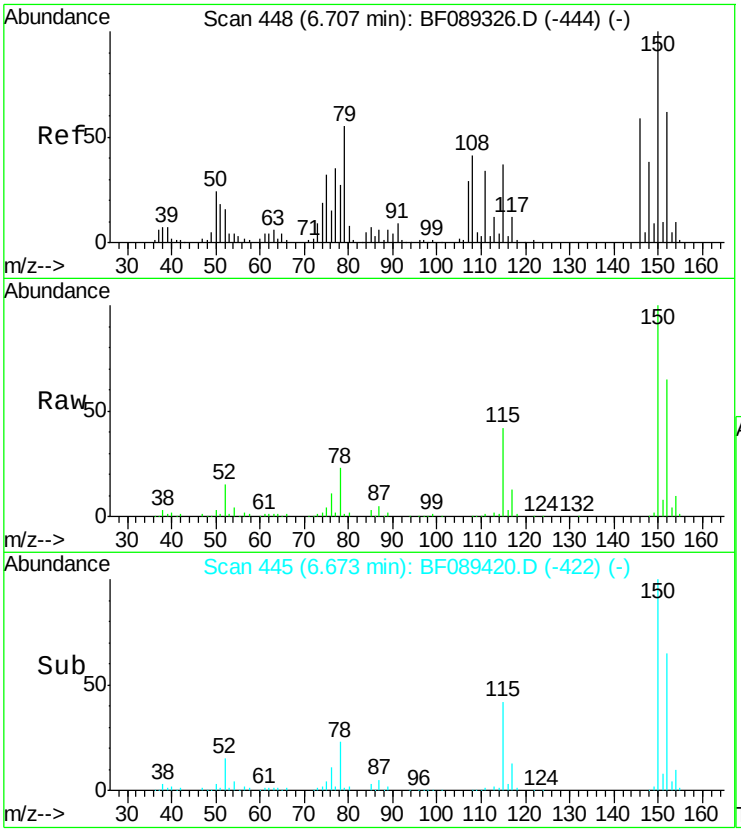


#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion: 93 Resp: 312

Ion	Ratio	Lower	Upper
93	100		
63	700.2	45.6	85.6#
95	334.9	11.1	51.1#



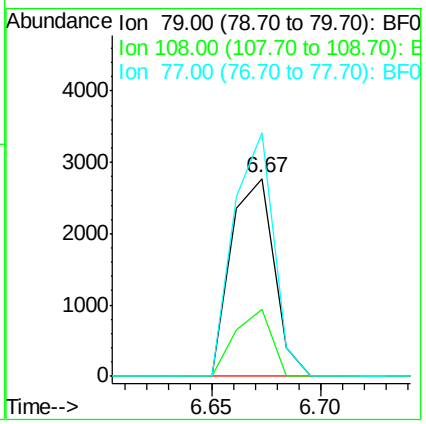


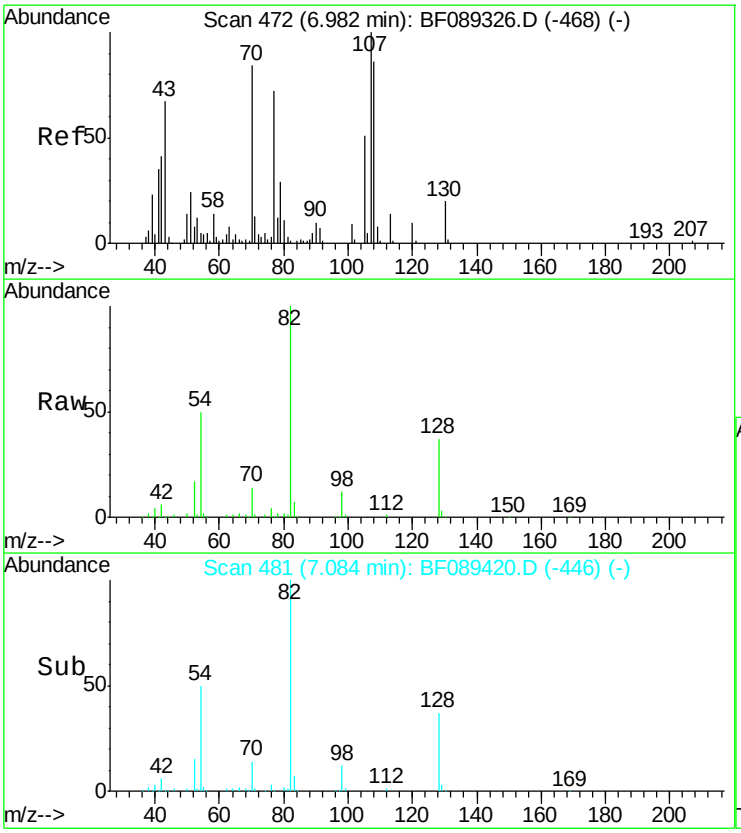
#15
Benzyl Alcohol
Concen: 1.70 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion: 79 Resp: 3803

Ion	Ratio	Lower	Upper
79	100		
108	33.6	59.8	89.6#
77	123.0	51.7	77.5#

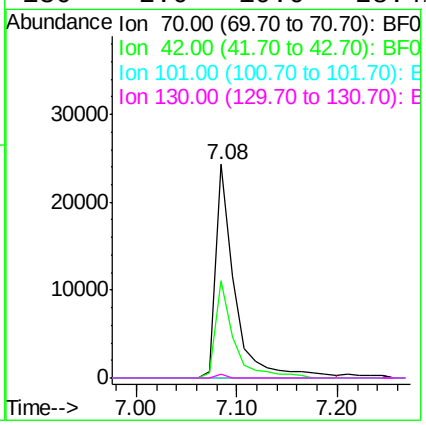


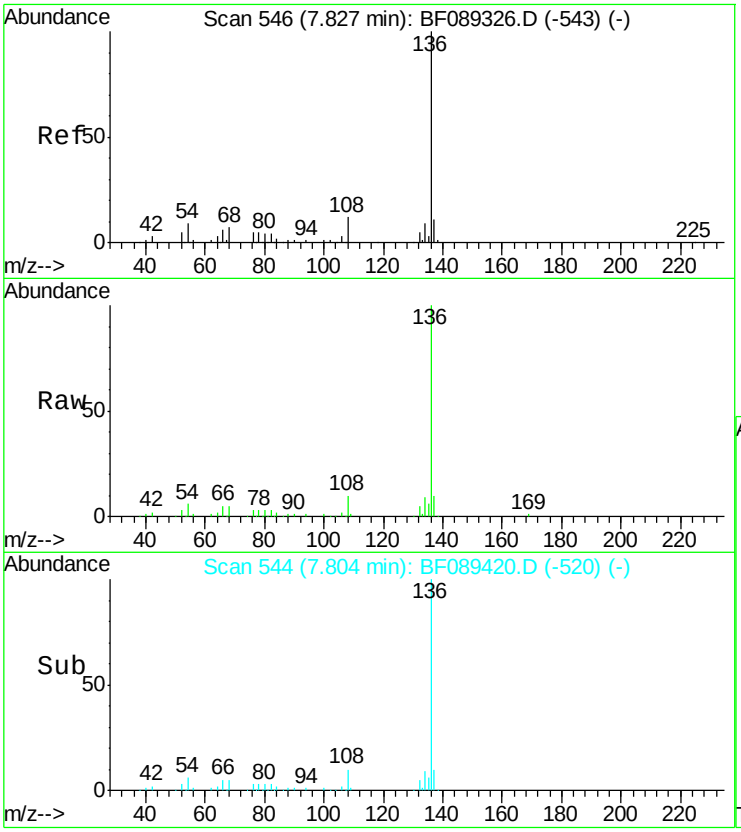


#19
n-Nitroso-di-n-propylamine
Concen: 14.67 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.10 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion: 70 Resp: 31934

Ion	Ratio	Lower	Upper
70	100		
42	45.8	38.6	57.8
101	0.0	8.3	12.5#
130	2.0	19.0	28.4#



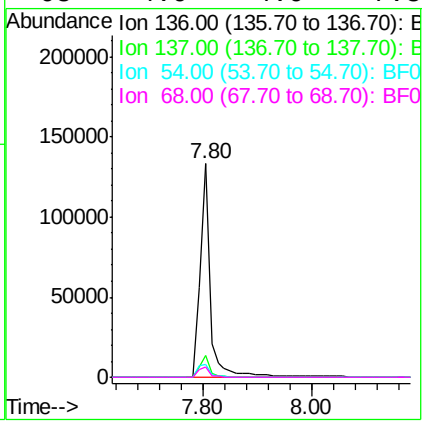


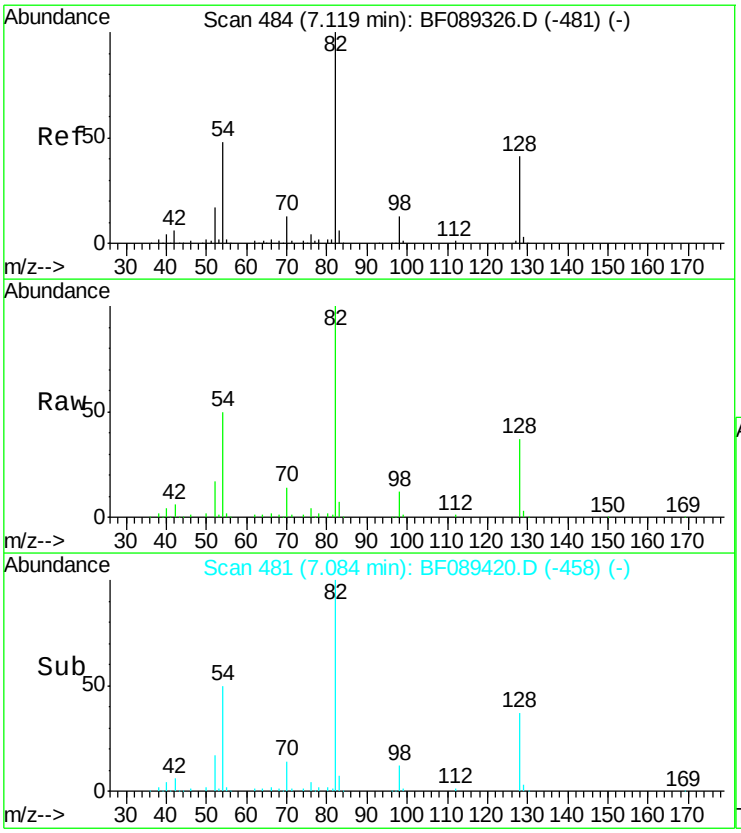
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:136 Resp: 169845

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.9	7.0	10.4#
68	4.9	4.9	7.3

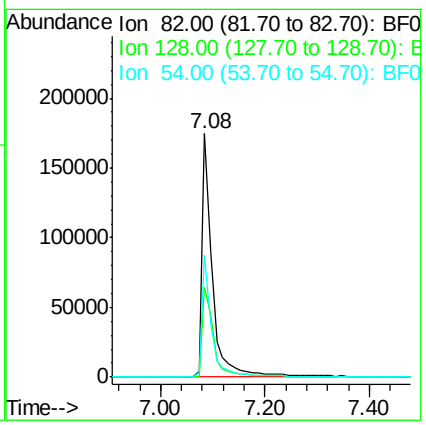


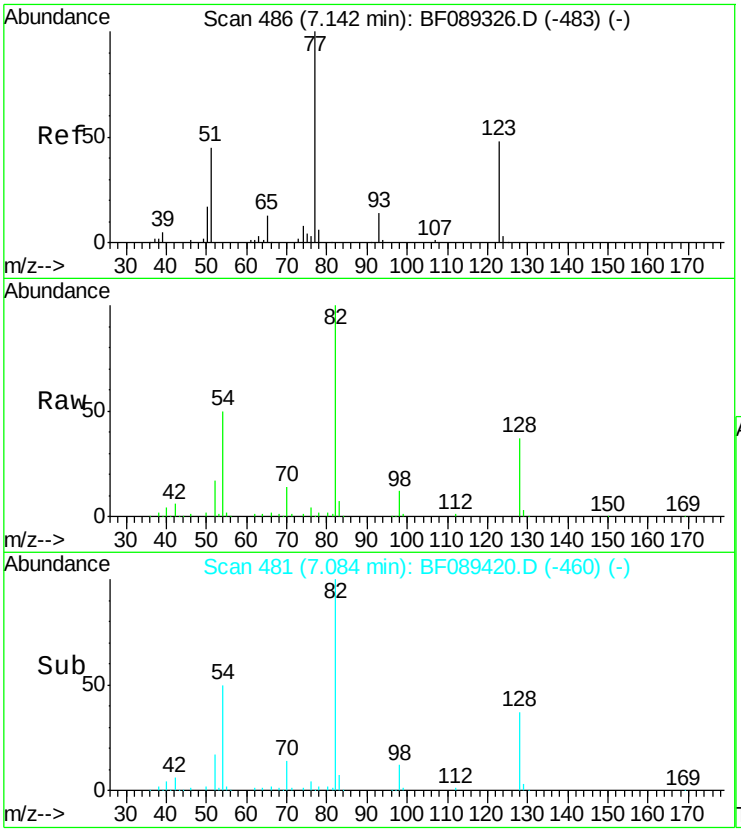


#23
Nitrobenzene-d5
Concen: 85.11 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion: 82 Resp: 244914

Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.5	48.7
54	50.3	38.8	58.2



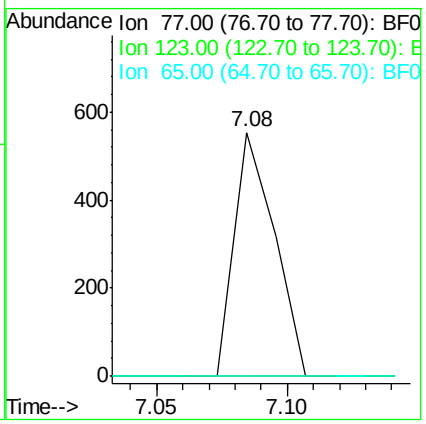


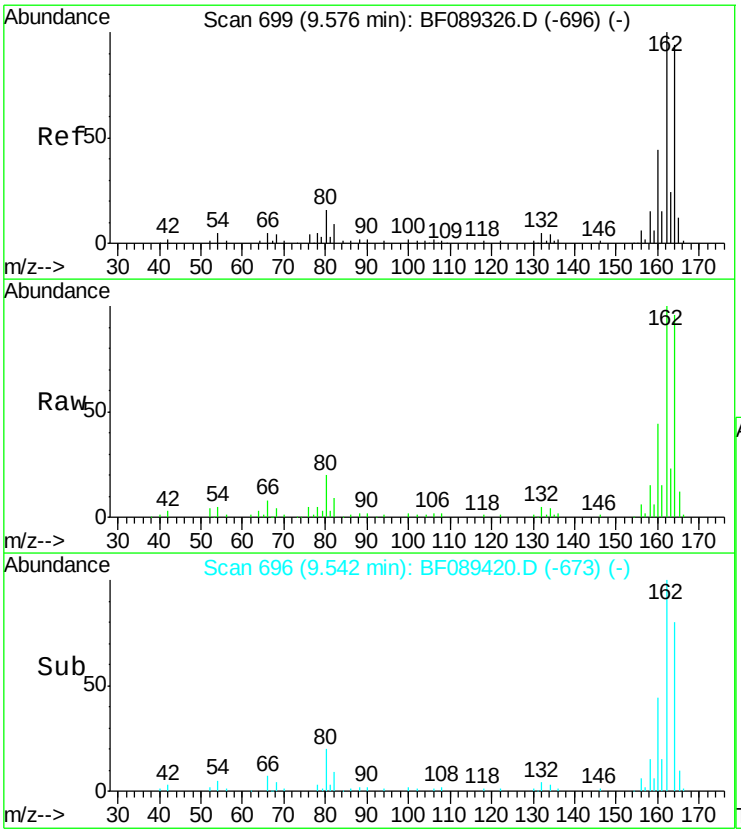
#24
Nitrobenzene
Concen: 0.18 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion: 77 Resp: 597

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	0.0	10.2	15.4#

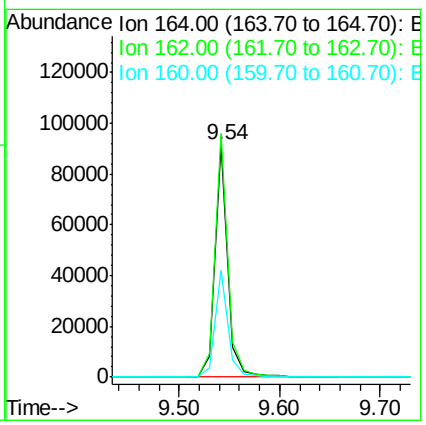


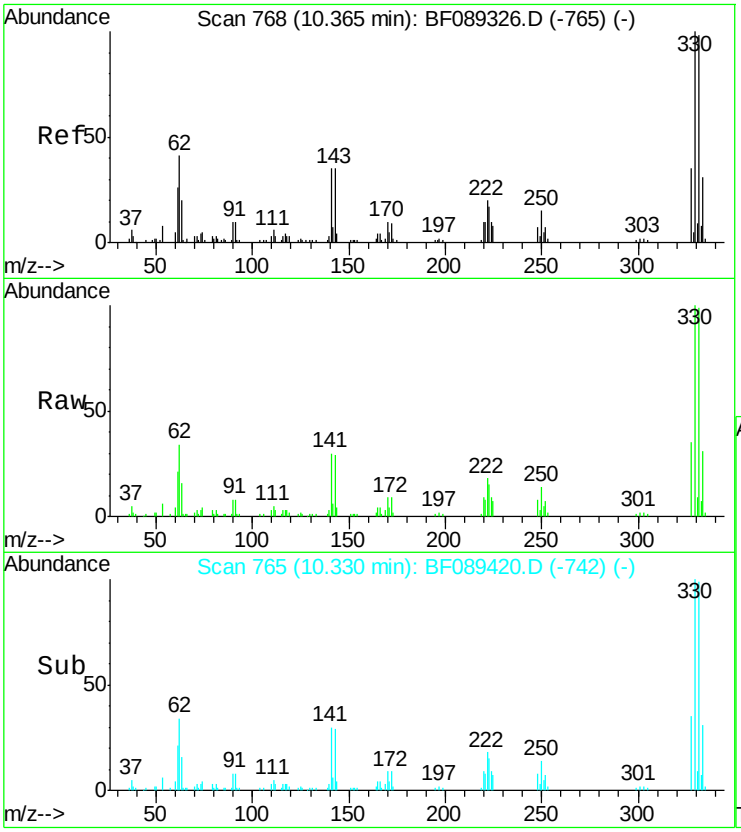


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion:164 Resp: 80436

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.7	125.5
160	45.8	37.8	56.6



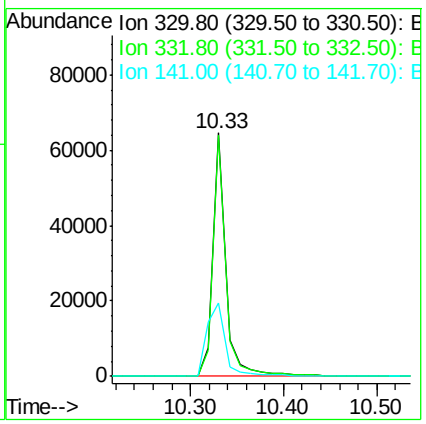


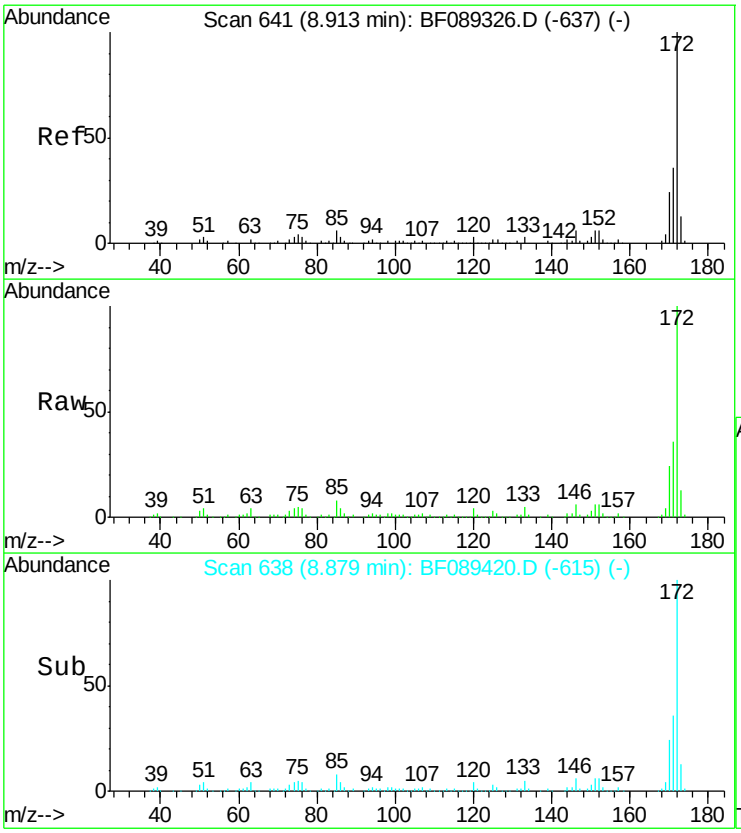
#41
2,4,6-Tribromophenol
Concen: 93.46 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:330 Resp: 62260

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	43.5	37.3	55.9

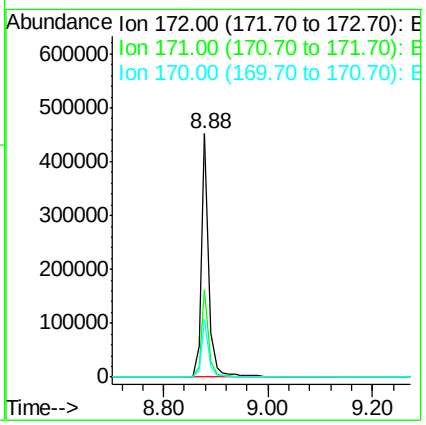


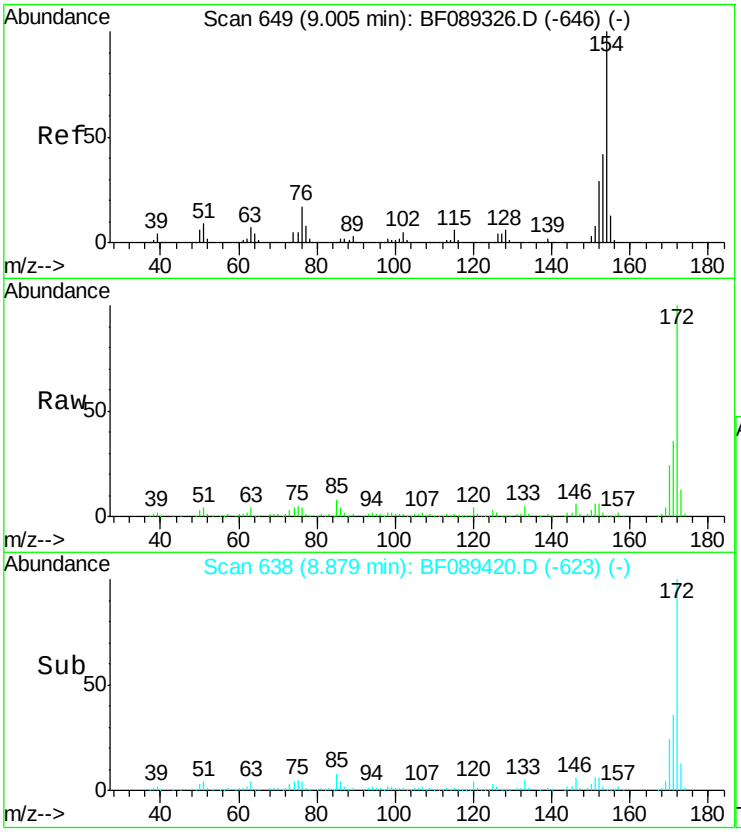


#44
2-Fluorobiphenyl
Concen: 81.48 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion:172 Resp: 446585

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.7	19.2	28.8



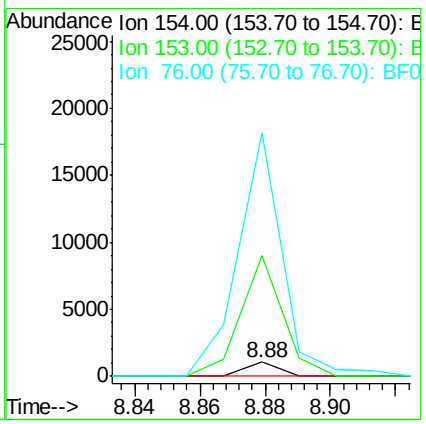


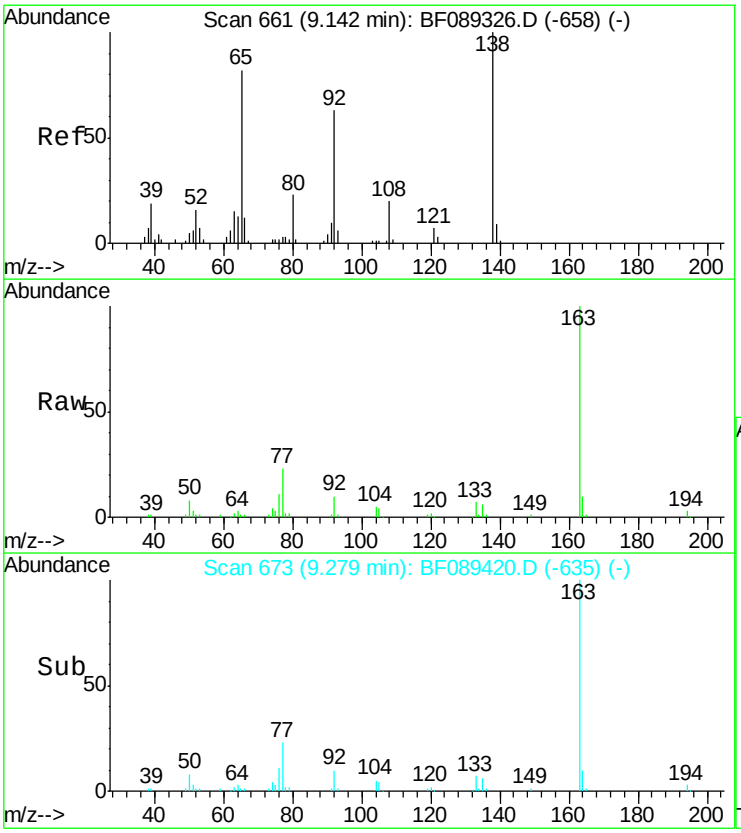
#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.13 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:154 Resp: 715

Ion	Ratio	Lower	Upper
154	100		
153	861.9	21.0	61.0#
76	1741.9	0.0	36.6#

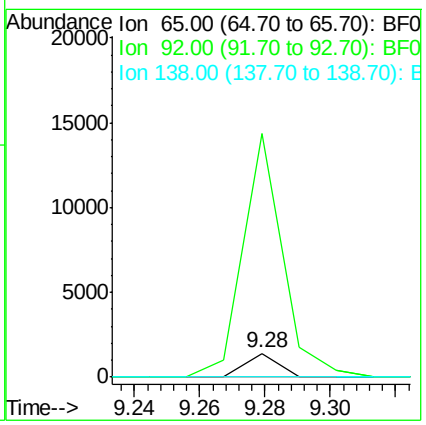


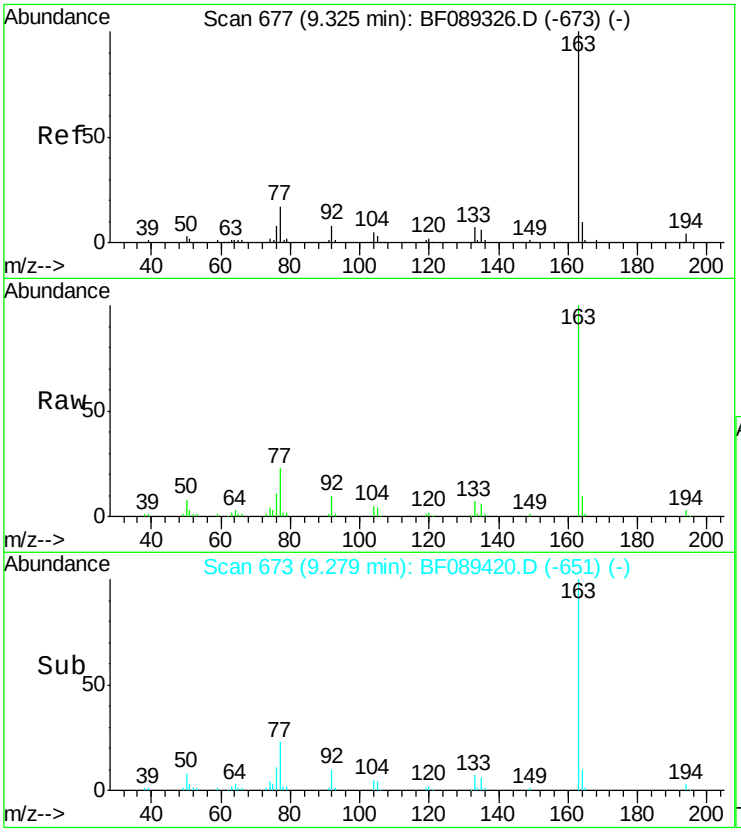


#47
2-Nitroaniline
Concen: 0.63 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.14 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion: 65 Resp: 953

Ion	Ratio	Lower	Upper
65	100		
92	1033.5	61.0	91.4#
138	0.0	99.1	148.7#



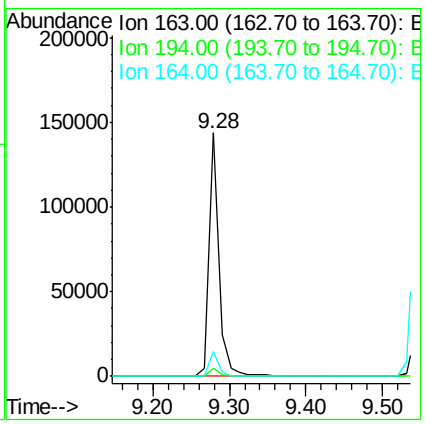


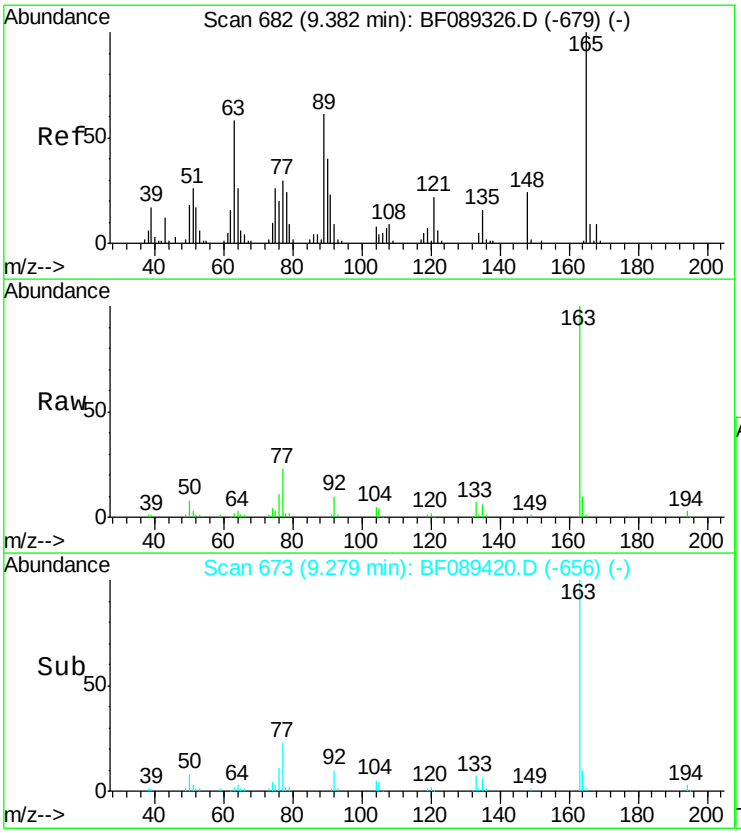
#49
Dimethylphthalate
Concen: 20.75 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:163 Resp: 127012

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.1	7.8	11.8

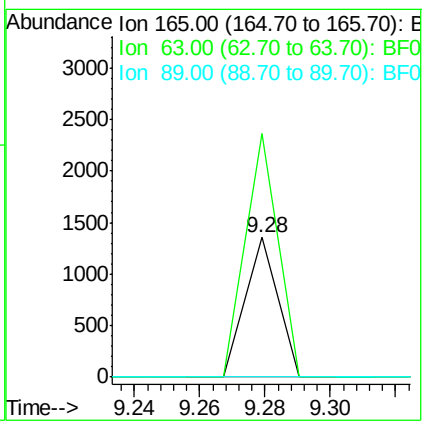


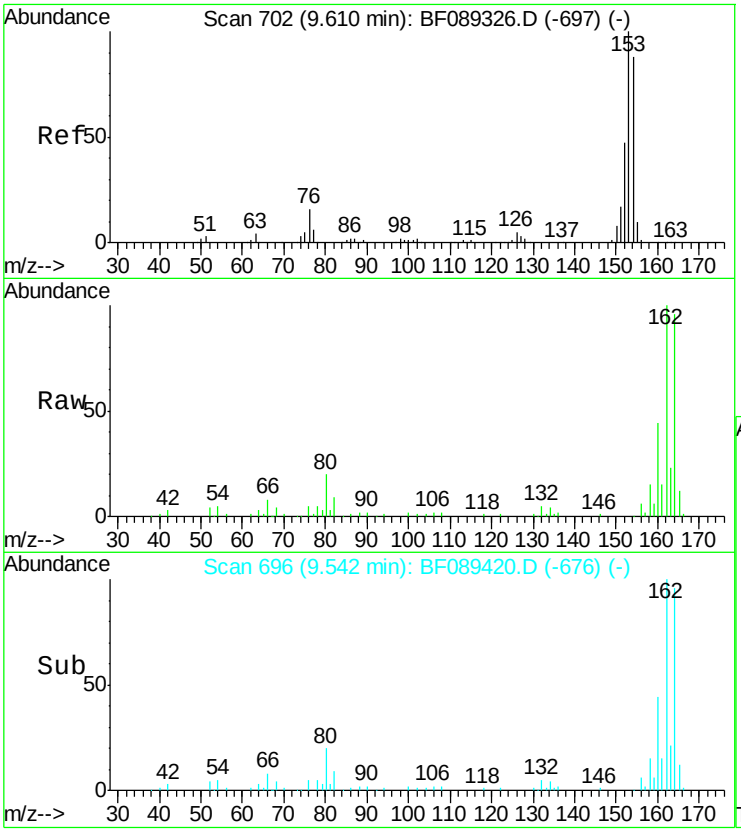


#50
2,6-Dinitrotoluene
Concen: 0.74 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.10 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion:165 Resp: 930

Ion	Ratio	Lower	Upper
165	100		
63	174.3	43.5	65.3#
89	0.0	45.0	67.4#



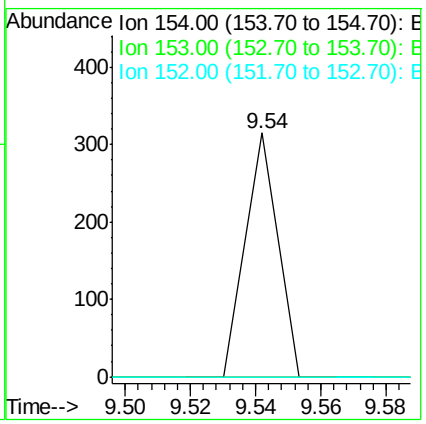


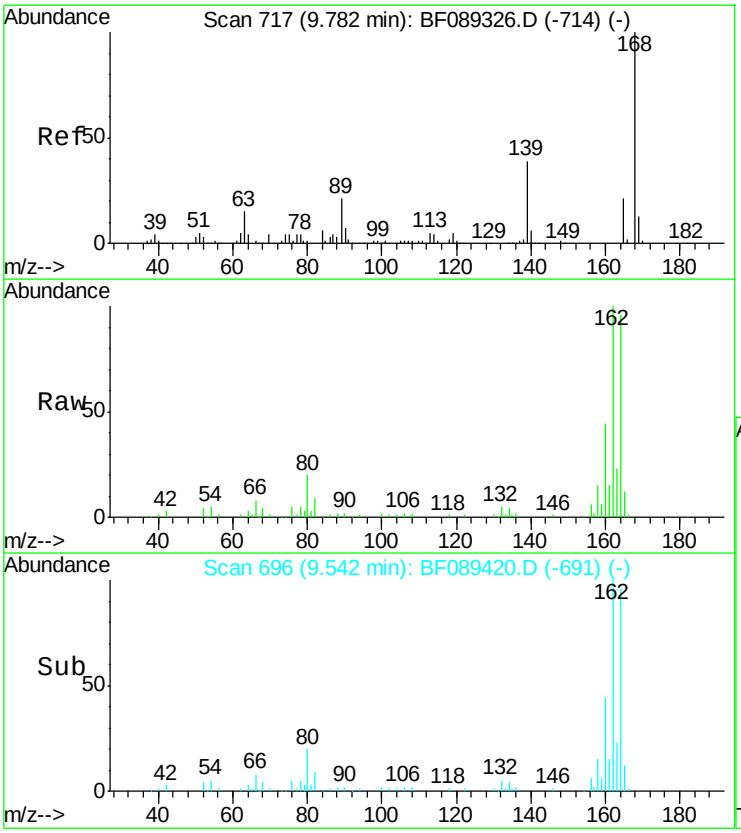
#51
Acenaphthene
Concen: 0.05 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.07 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:154 Resp: 216

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.4	137.2#
152	0.0	43.8	65.6#

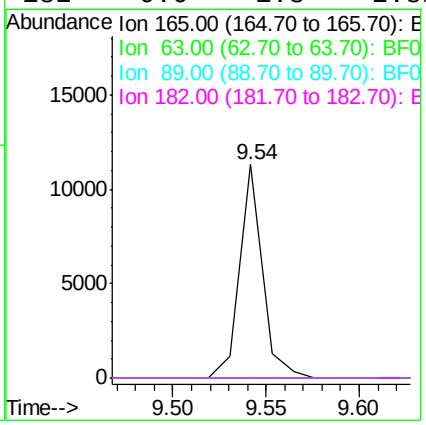


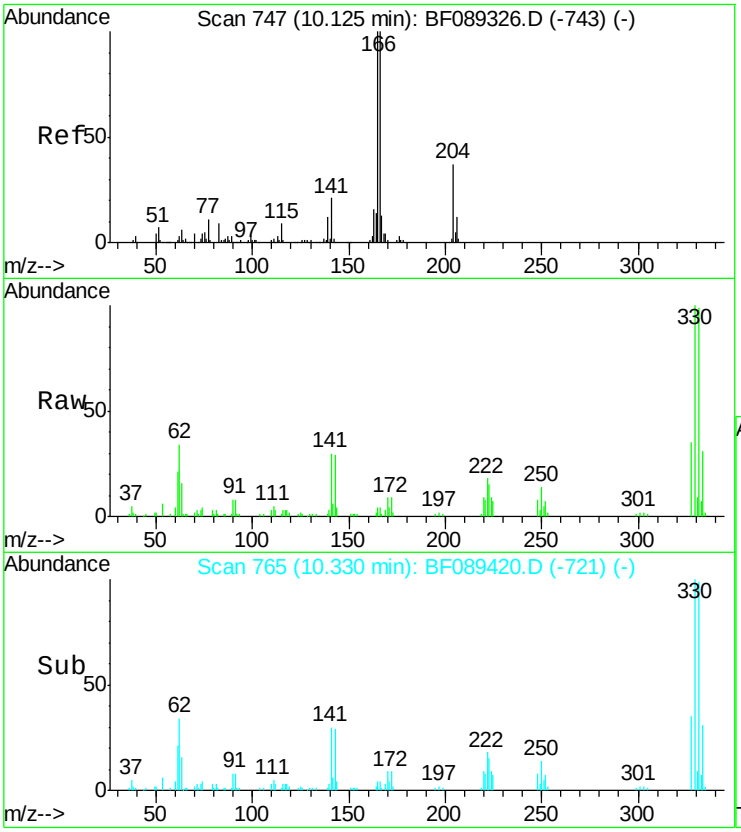


#56
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.24 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion:165 Resp: 9666

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#



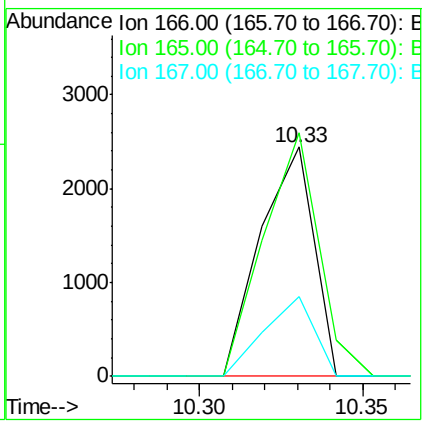


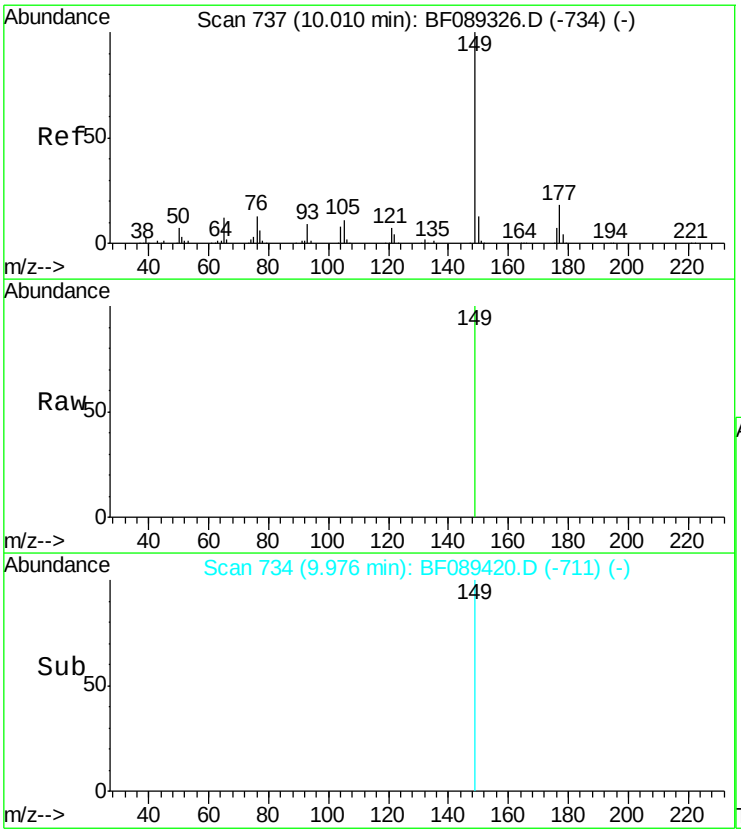
#57
Fluorene
Concen: 0.49 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:166 Resp: 2776

Ion	Ratio	Lower	Upper
166	100		
165	106.2	79.0	118.4
167	35.1	10.2	15.2#

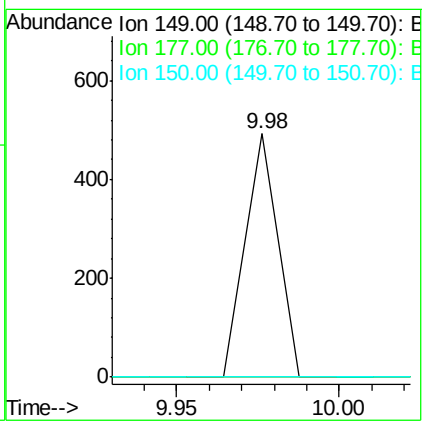


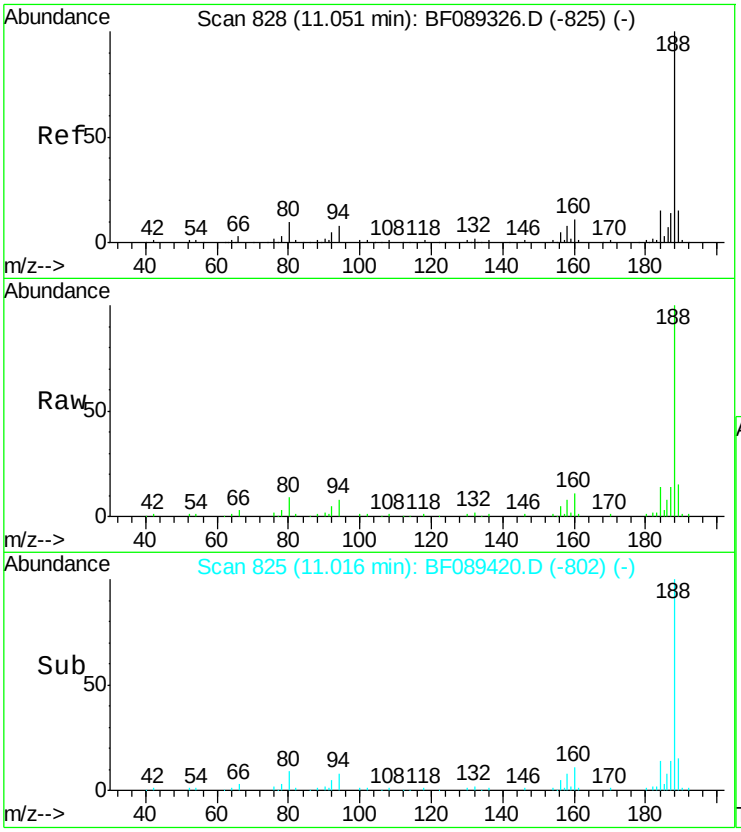


#59
Diethylphthalate
Concen: 0.05 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion:149 Resp: 338

Ion	Ratio	Lower	Upper
149	100		
177	0.0	15.1	22.7#
150	0.0	10.2	15.4#



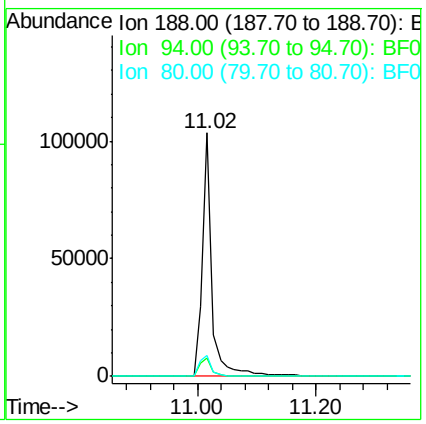


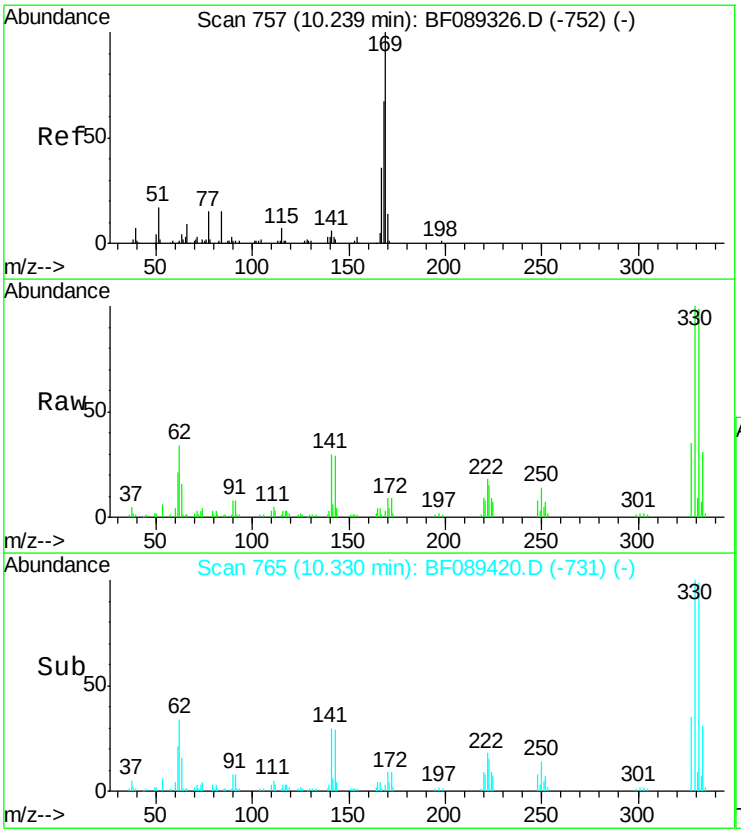
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:188 Resp: 120151

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.8	7.2	10.8

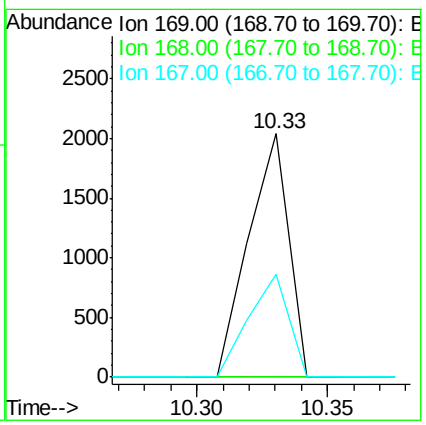


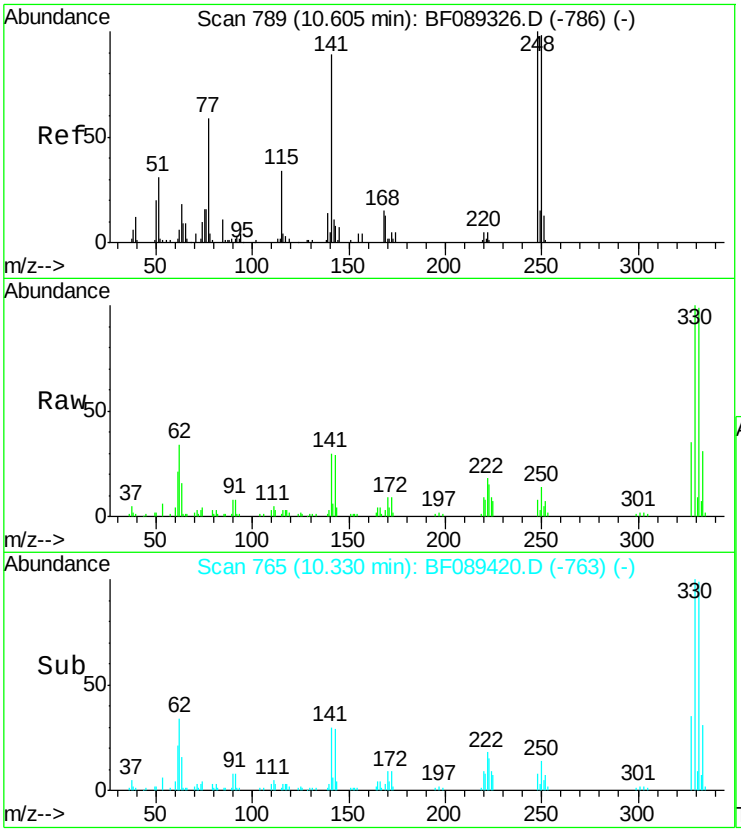


#65
n-Nitrosodiphenylamine
Concen: 0.58 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.09 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion:169 Resp: 2171

Ion	Ratio	Lower	Upper
169	100		
168	0.0	55.4	83.0#
167	42.0	29.7	44.5



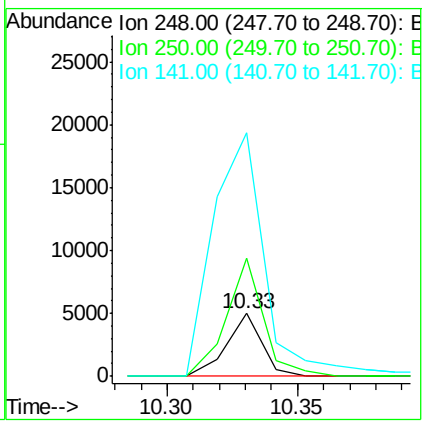


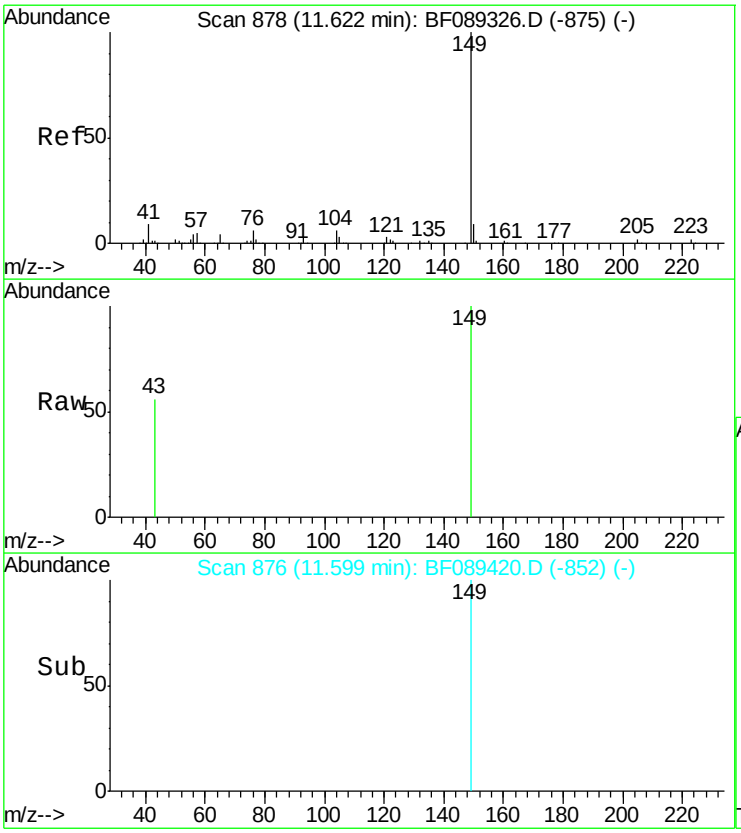
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.27 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:248 Resp: 4757

Ion	Ratio	Lower	Upper
248	100		
250	187.0	78.2	117.2#
141	386.4	62.0	93.0#

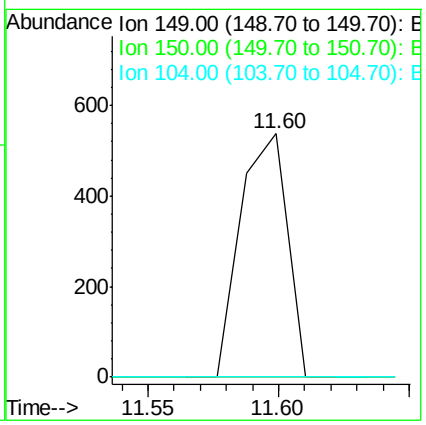


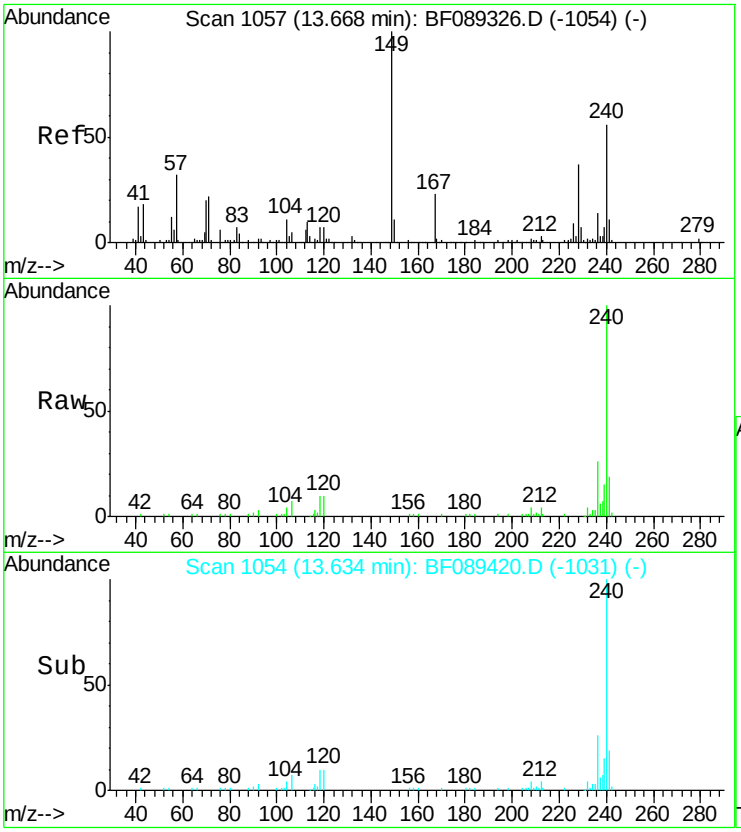


#73
Di-n-butylphthalate
Concen: 0.09 ng
RT: 11.60 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion:149 Resp: 678

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	4.7	7.1#



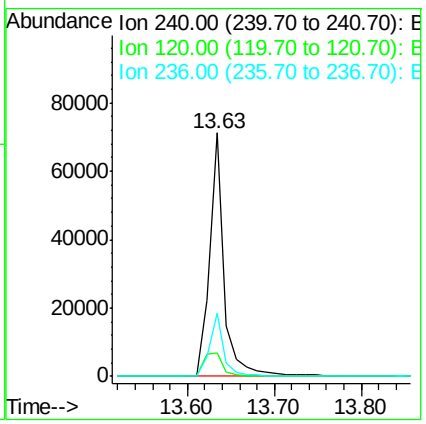


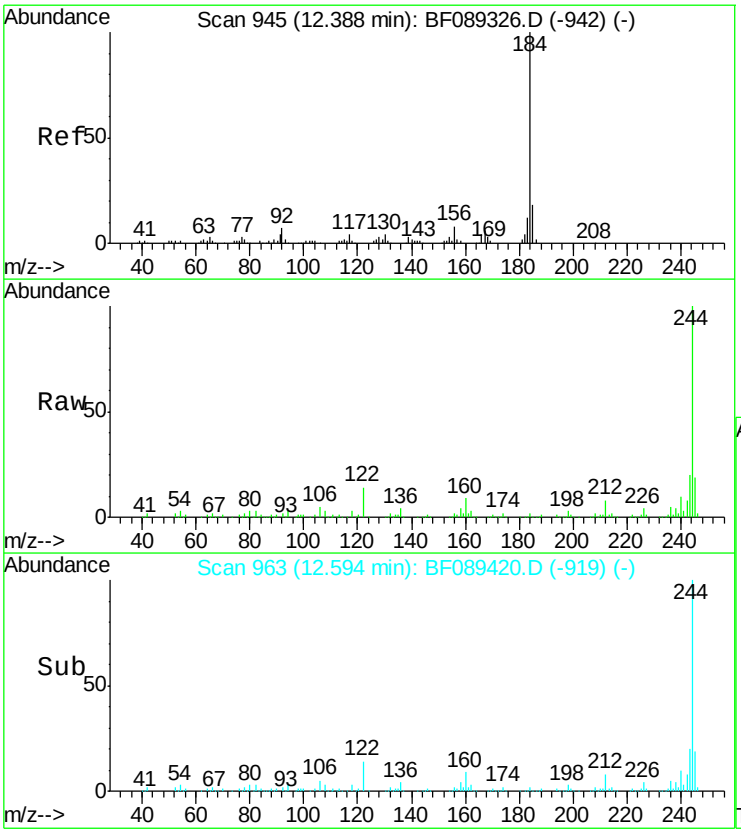
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Instrument :
BNA_F
ClientSampleId :
SB-43-14.0-15.0

Tgt Ion:240 Resp: 83233

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.1	13.7
236	25.8	20.6	30.8





#76
Benzidine
Concen: 1.40 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.21 min
Lab File: BF089420.D
Acq: 29 Jul 2016 20:36

Tgt Ion:184 Resp: 4314

Ion	Ratio	Lower	Upper
184	100		
185	17.0	13.5	20.3
183	11.5	9.8	14.6