Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089418.D
Acq On : 29 Jul 2016 19:35
Operator : UM/SJ
Sample : H4221-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-43-8.7-15.0

Quant Time: Jul 29 23:32:23 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	41521	20.00	ng		-0.03
21) Naphthalene-d8	7.80	136	162341	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	76589	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	114798	20.00	ng		-0.03
75) Chrysene-d12	13.63	240	79895	20.00	ng		-0.03
86) Perylene-d12	14.96	264	87131	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	206820	79.53	ng		-0.02
7) Phenol-d6	6.17	99	198722	57.83	ng		-0.03
23) Nitrobenzene-d5	7.08	82	261674	95.14	ng		-0.03
41) 2,4,6-Tribromophenol	10.33	330	68617	108.17	ng		-0.03
44) 2-Fluorobiphenyl	8.88	172	476166	91.24	ng		-0.03
78) Terphenyl-d14	12.59	244	286367	83.89	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.68	88	75184	66.11	ng	#	26
6) Aniline	6.28	93	283	0.08	ng	#	1
9) Benzaldehyde	6.28	77	7338	4.37	ng		81
10) Phenol	6.28	94	457	0.12	ng	#	1
11) bis(2-Chloroethyl)ether	6.28	93	283	0.09	ng	#	1
15) Benzyl Alcohol	6.66	79	4218	1.98	ng	#	50
19) n-Nitroso-di-n-propylamine	7.08	70	34440	16.62	ng	#	82
24) Nitrobenzene	7.08	77	433	0.14	ng	#	38
35) Caprolactam	8.22	113	1293	2.11	ng		92
45) 1,1'-Biphenyl	8.88	154	727	0.11	ng	#	1
47) 2-Nitroaniline	8.88	65	662	0.46	ng	#	1
50) 2,6-Dinitrotoluene	9.54	165	9391	7.84	ng	#	24
51) Acenaphthene	9.54	154	216	0.05	ng	#	4
56) 2,4-Dinitrotoluene	9.54	165	9391	5.96	ng	#	7
57) Fluorene	10.33	166	3713	0.69	ng	#	92
59) Diethylphthalate	9.98	149	494	0.08	ng	#	62
62) Azobenzene	10.33	77	213	0.03	ng	#	52
65) n-Nitrosodiphenylamine	10.33	169	2631	0.73	ng	#	43
66) 4-Bromophenyl-phenylether	10.33	248	5060	4.62	ng	#	1
73) Di-n-butylphthalate	11.59	149	1484	0.20	ng	#	78
76) Benzidine	12.59	184	4309	1.46	ng		98
77) Pyrene	12.59	202	808	0.13	ng	#	53
83) Bis(2-ethylhexyl)phthalate	13.65	149	529	0.13	ng	#	55

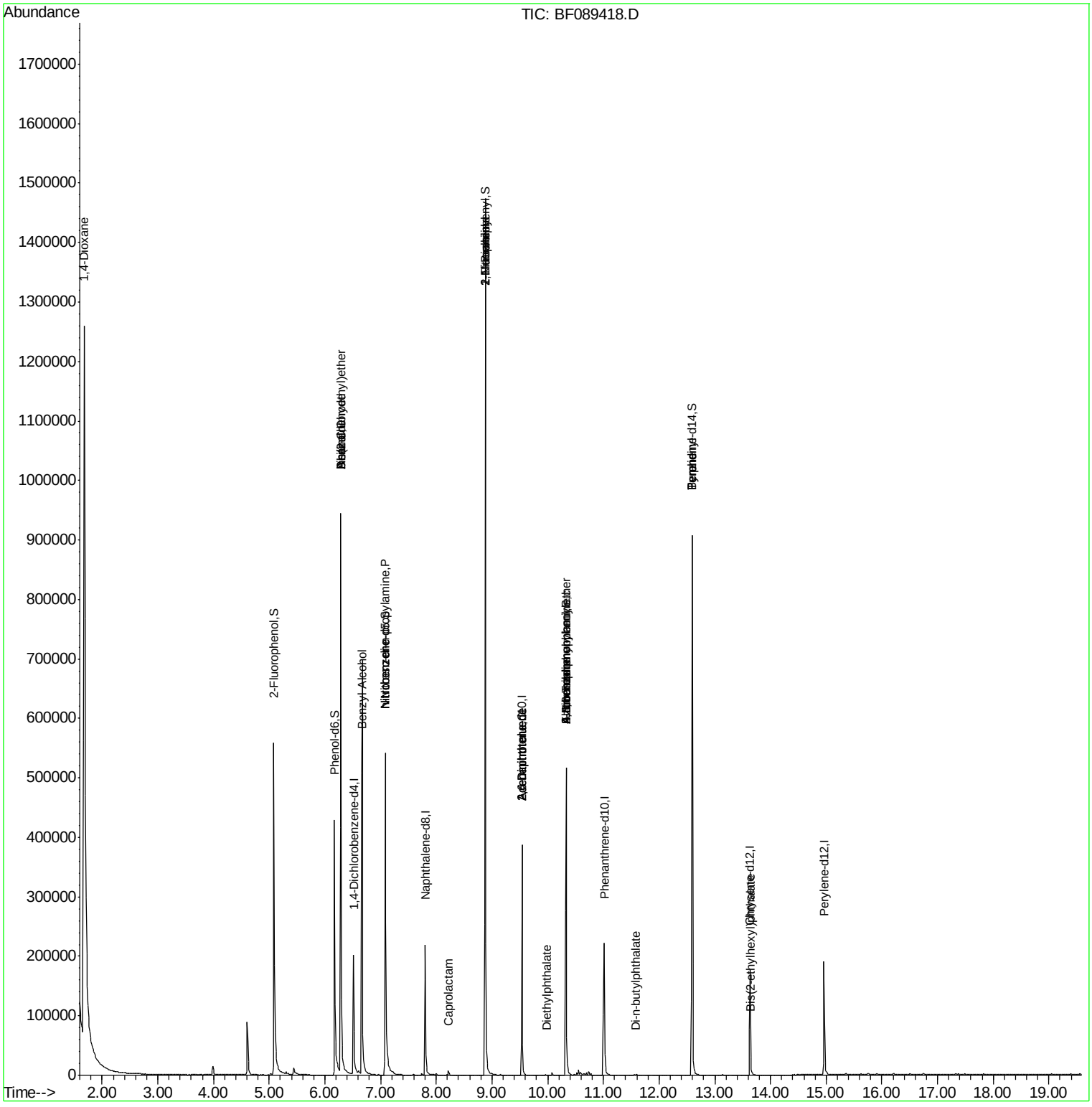
(#) = qualifier out of range (m) = manual integration (+) = signals summed

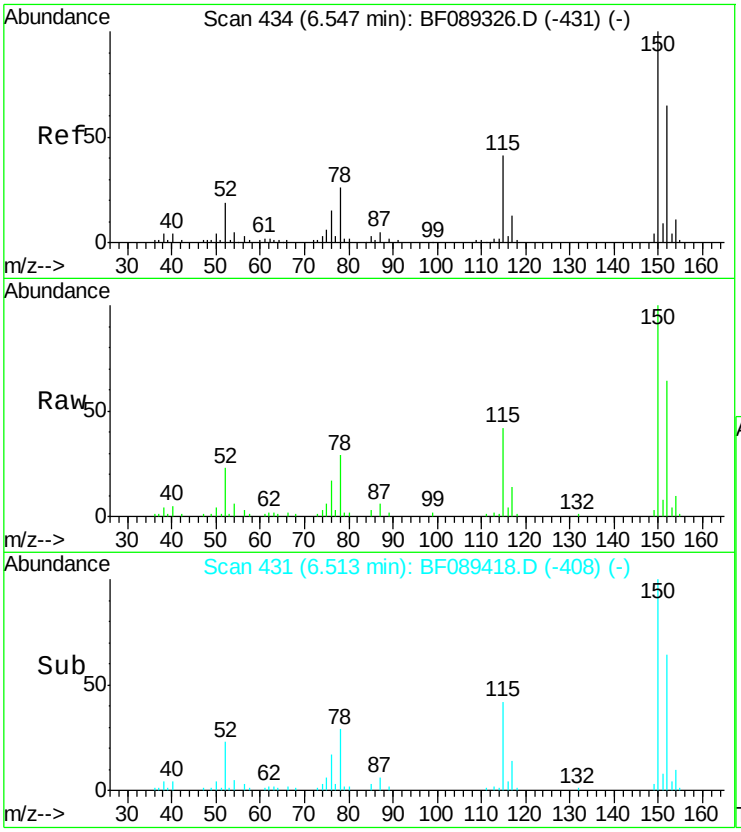
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089418.D
Acq On : 29 Jul 2016 19:35
Operator : UM/SJ
Sample : H4221-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Quant Time: Jul 29 23:32:23 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



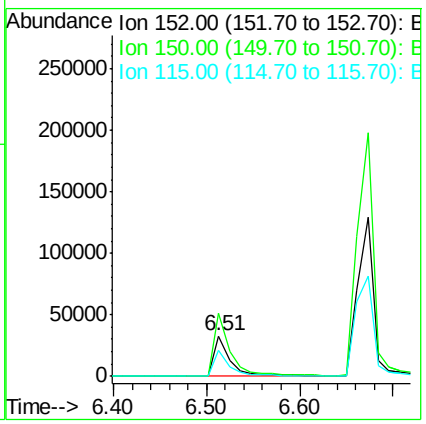


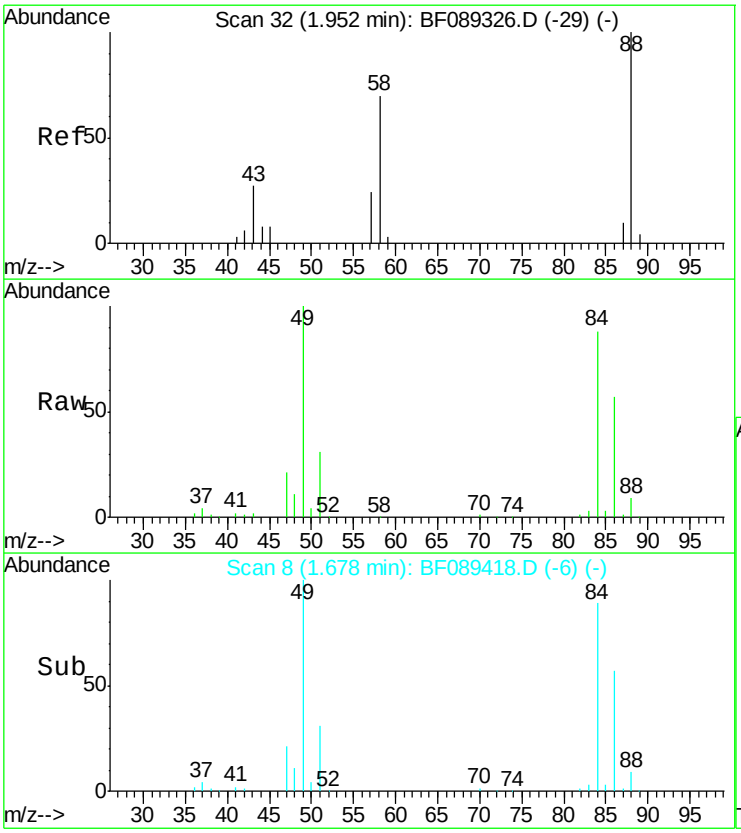
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:152 Resp: 41521

Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.5	194.3
115	66.0	51.4	77.2

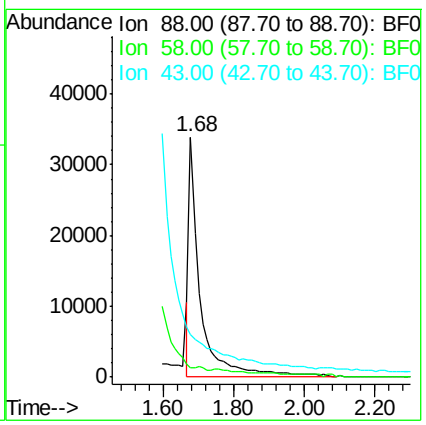


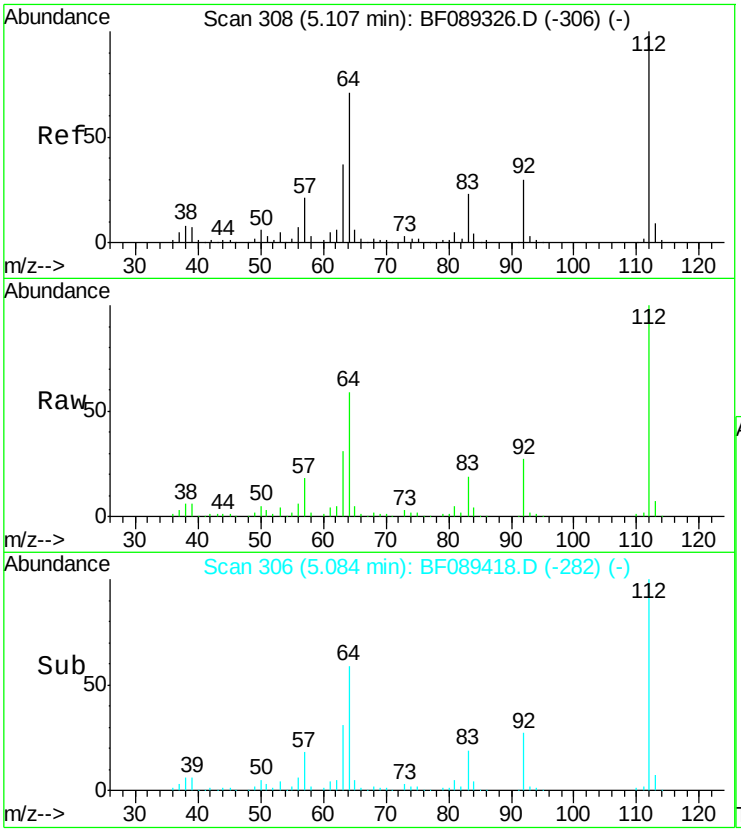


#2
1,4-Dioxane
Concen: 66.11 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.27 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion: 88 Resp: 75184

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



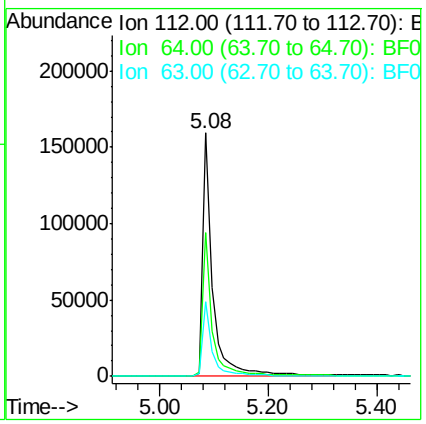


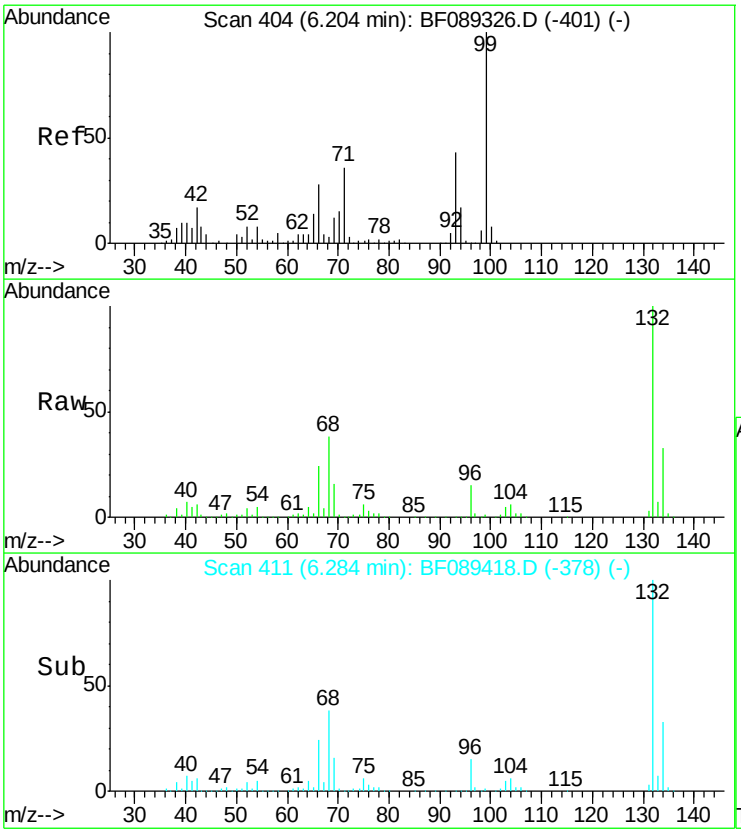
#5
2-Fluorophenol
Concen: 79.53 ng
RT: 5.08 min Scan# 306
Delta R.T. -0.02 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:112 Resp: 206820

Ion	Ratio	Lower	Upper
112	100		
64	59.1	55.0	82.6
63	30.8	29.4	44.2

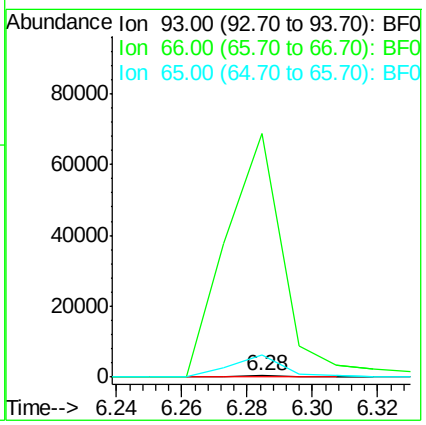


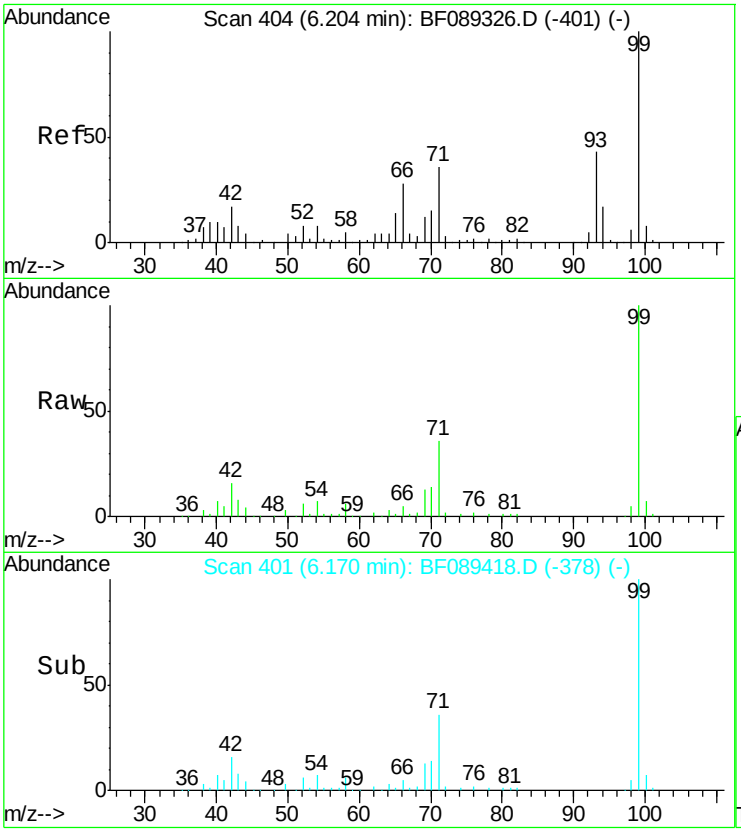


#6
Aniline
Concen: 0.08 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.08 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion: 93 Resp: 283

Ion	Ratio	Lower	Upper
93	100		
66	16637.3	51.6	77.4#
65	1481.8	24.7	37.1#



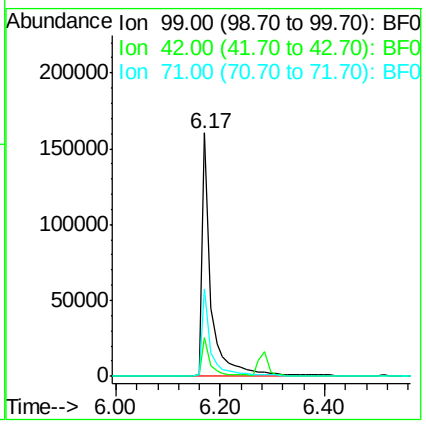


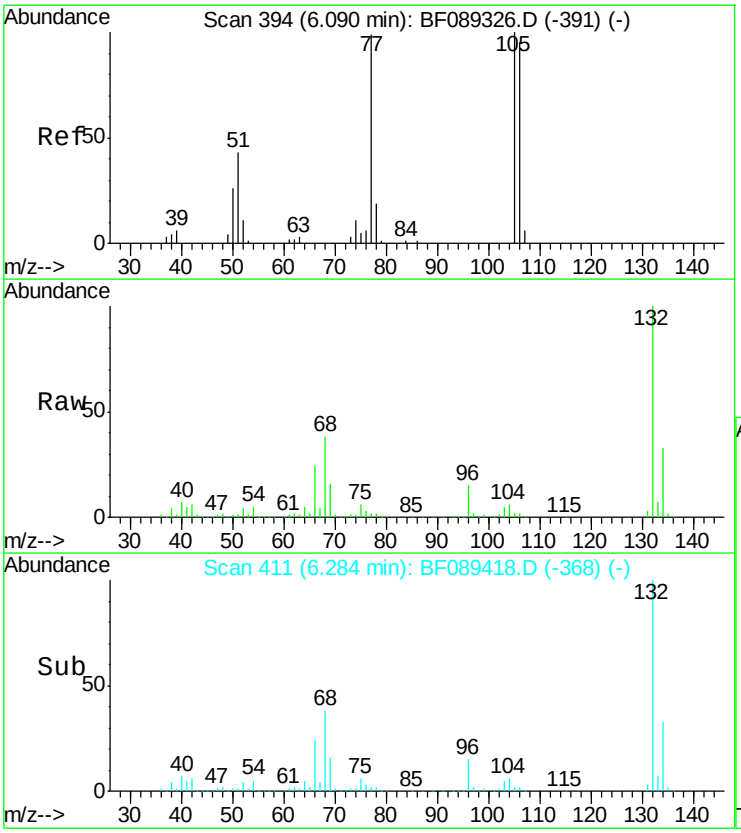
#7
Phenol-d6
Concen: 57.83 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion: 99 Resp: 198722

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	35.8	29.4	44.2

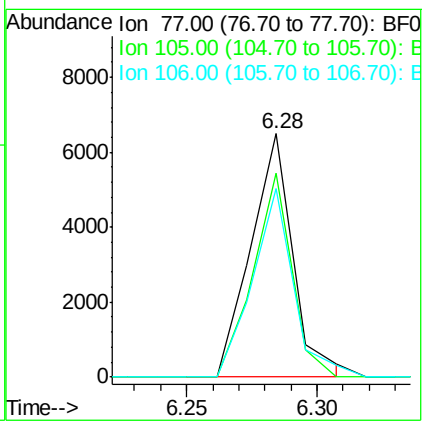


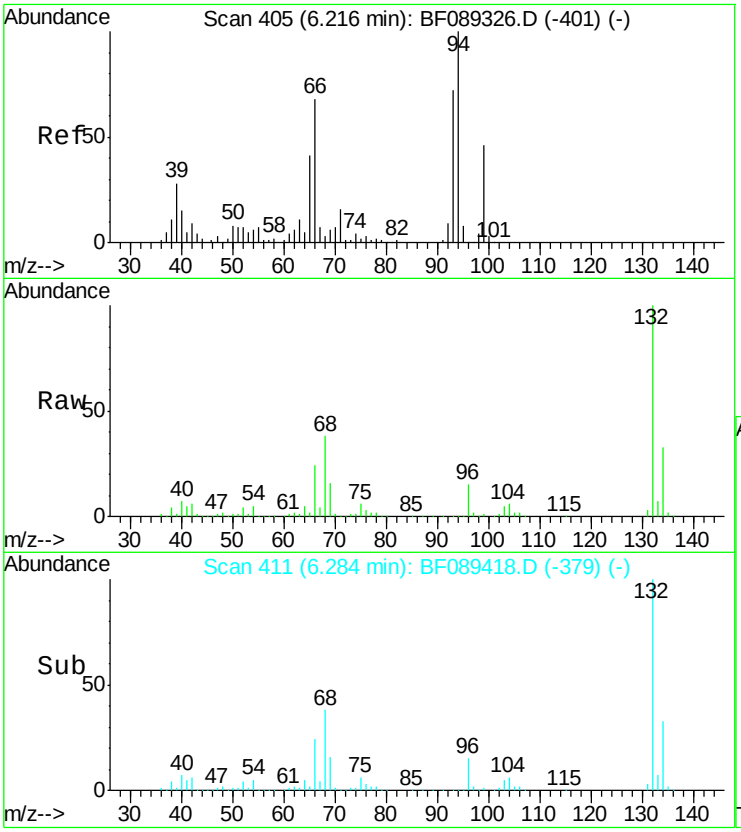


#9
Benzaldehyde
Concen: 4.37 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.19 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion: 77 Resp: 7338

Ion	Ratio	Lower	Upper
77	100		
105	83.7	82.9	122.9
106	77.5	75.9	115.9



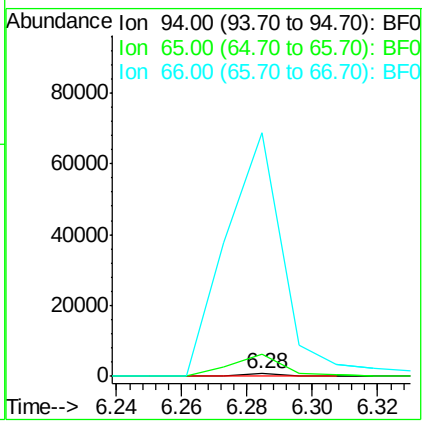


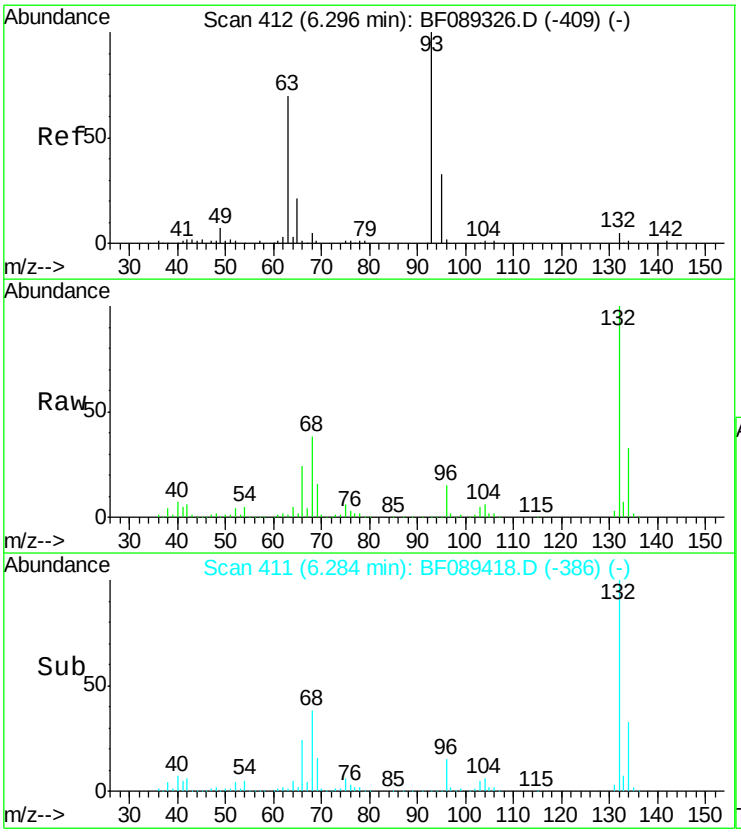
#10
Phenol
Concen: 0.12 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.07 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion: 94 Resp: 457

Ion	Ratio	Lower	Upper
94	100		
65	918.9	19.1	59.1#
66	10317.1	44.4	84.4#

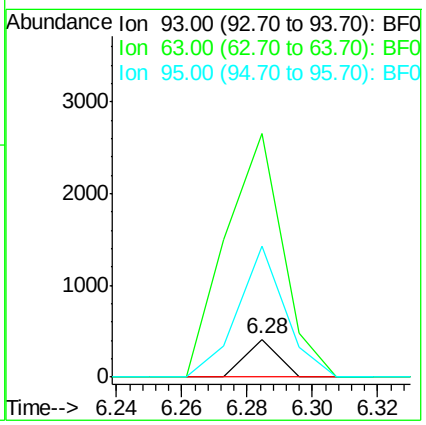


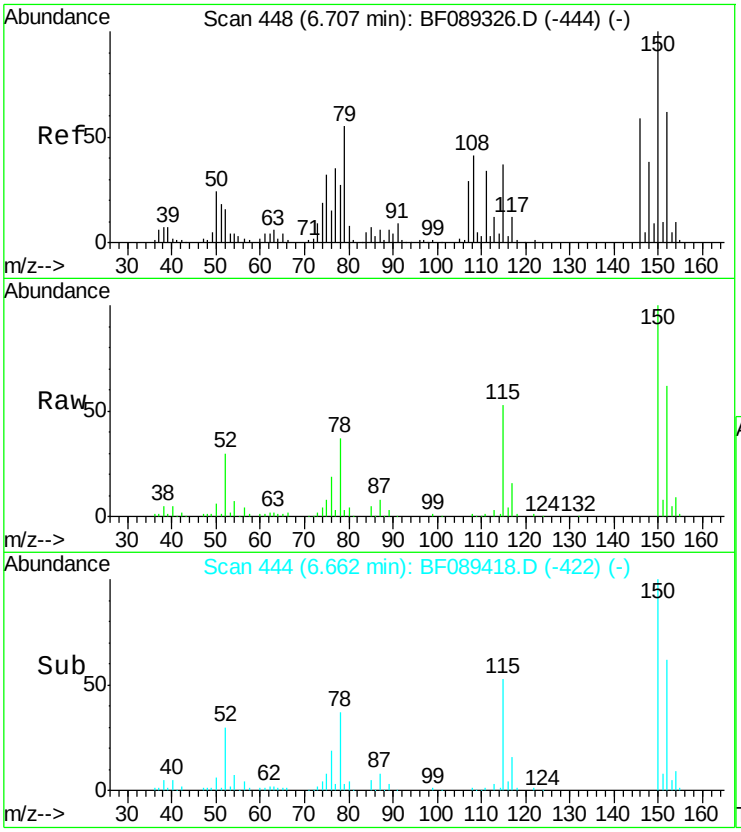


#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion: 93 Resp: 283

Ion	Ratio	Lower	Upper
93	100		
63	642.9	45.6	85.6#
95	344.6	11.1	51.1#



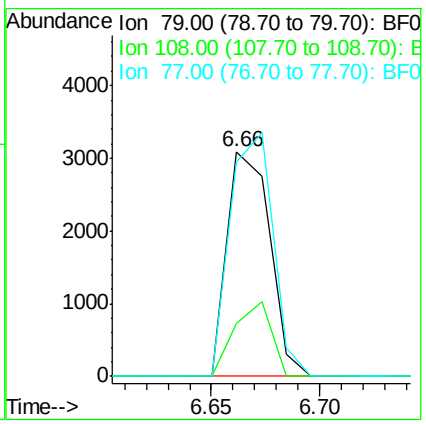


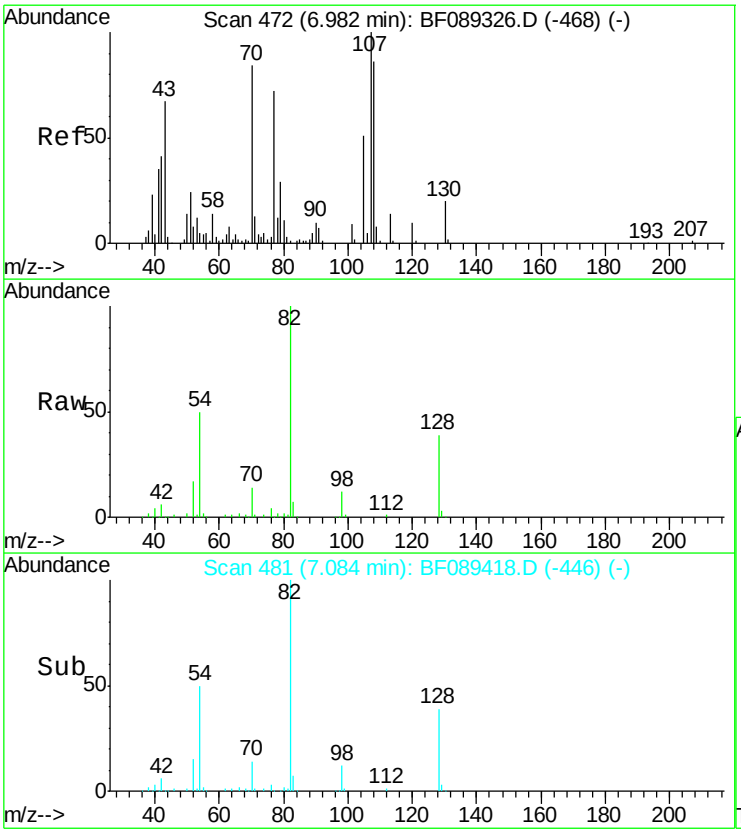
#15
Benzyl Alcohol
Concen: 1.98 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion: 79 Resp: 4218

Ion	Ratio	Lower	Upper
79	100		
108	23.7	59.8	89.6#
77	95.0	51.7	77.5#

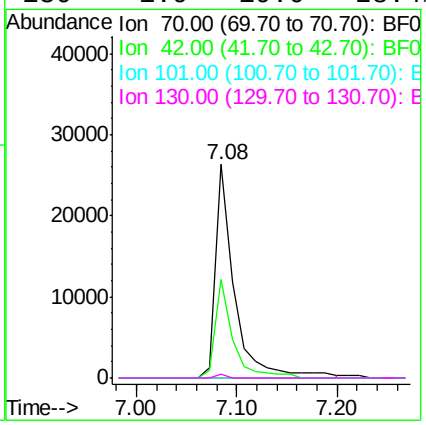


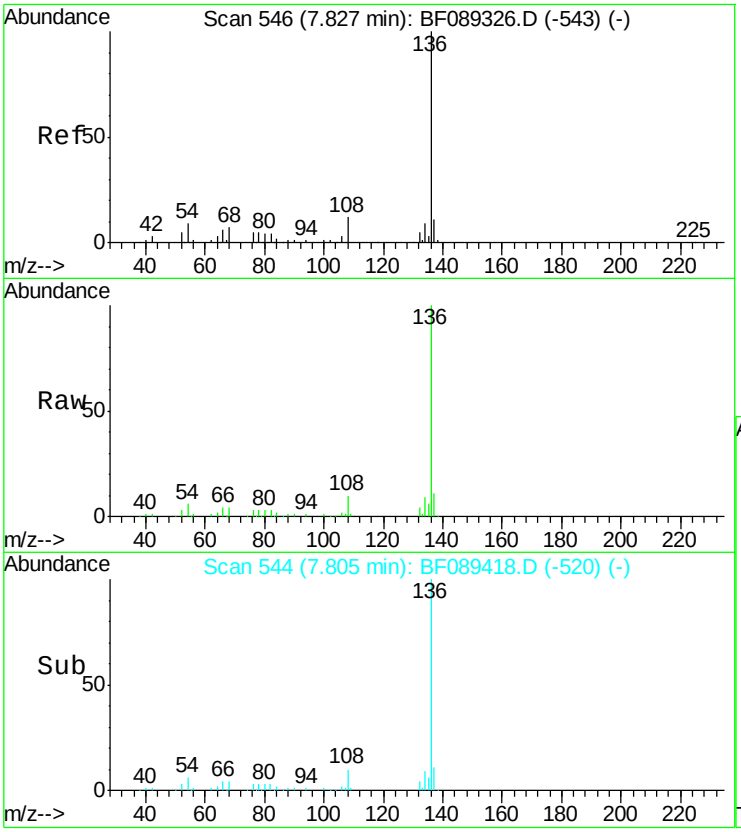


#19
n-Nitroso-di-n-propylamine
Concen: 16.62 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.10 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion: 70 Resp: 34440

Ion	Ratio	Lower	Upper
70	100		
42	46.1	38.6	57.8
101	0.0	8.3	12.5#
130	1.9	19.0	28.4#



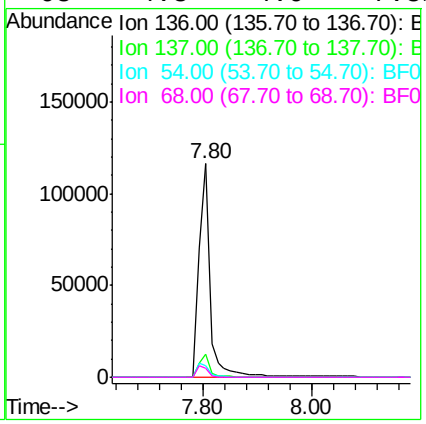


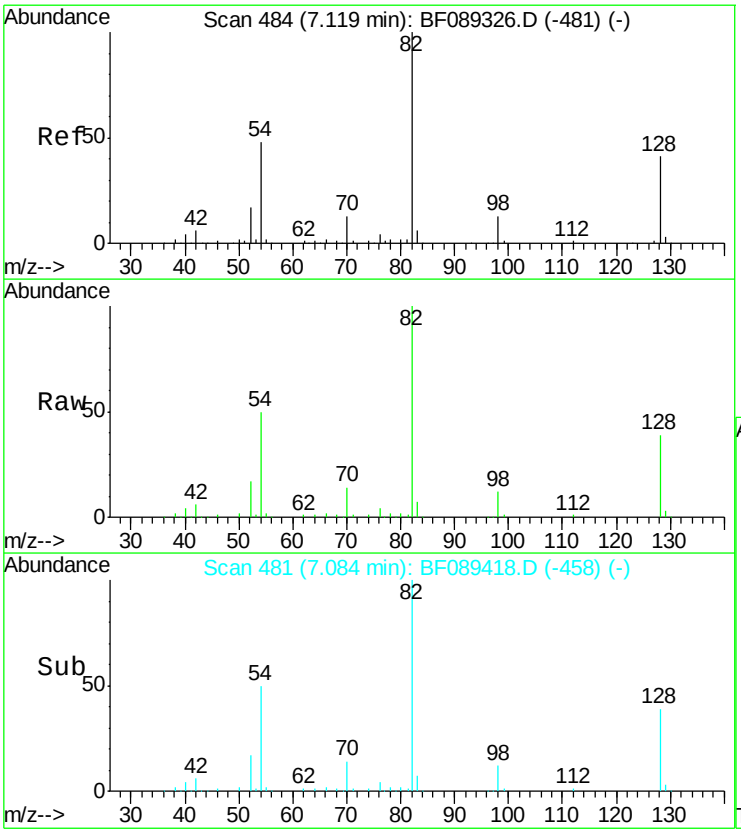
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:136 Resp: 162341

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.6	7.0	10.4#
68	4.3	4.9	7.3#

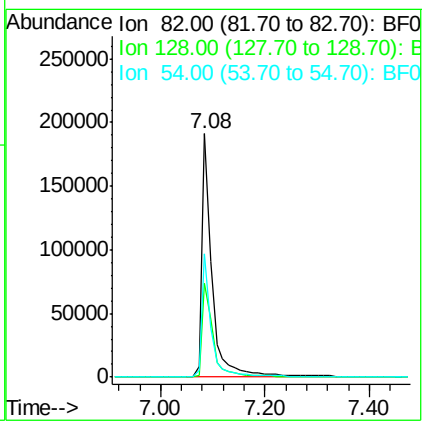


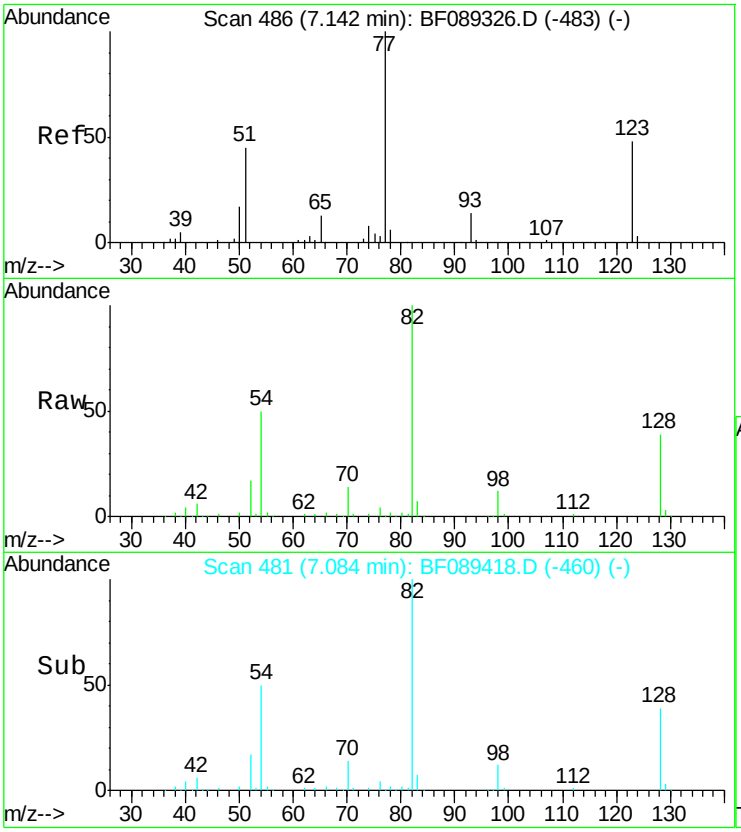


#23
Nitrobenzene-d5
Concen: 95.14 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion: 82 Resp: 261674

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.5	48.7
54	50.5	38.8	58.2



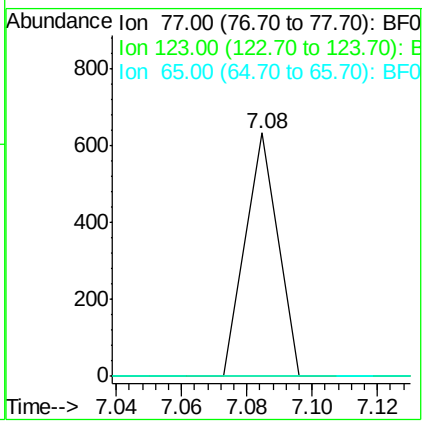


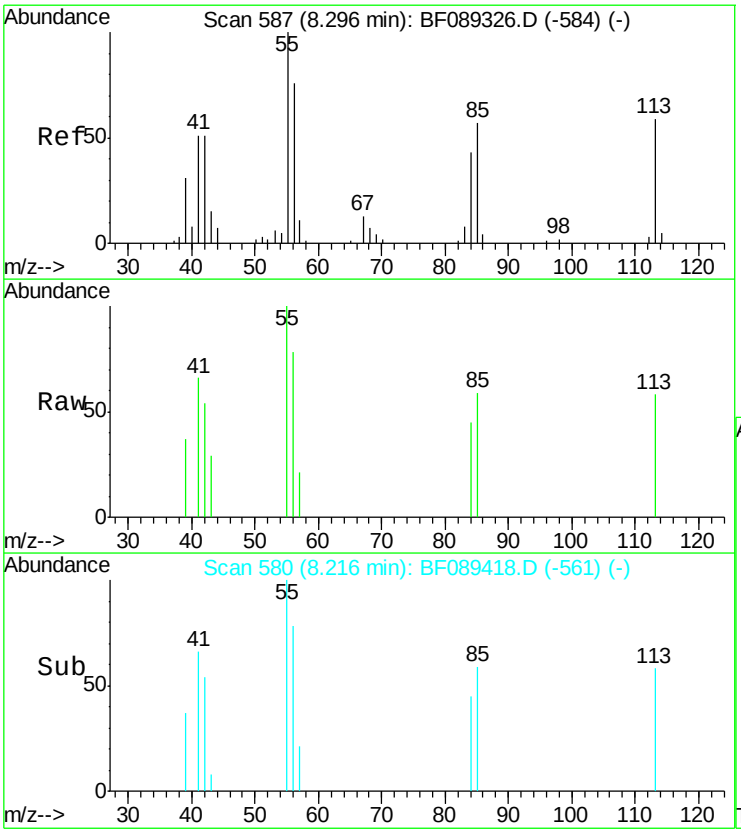
#24
Nitrobenzene
Concen: 0.14 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion: 77 Resp: 433

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

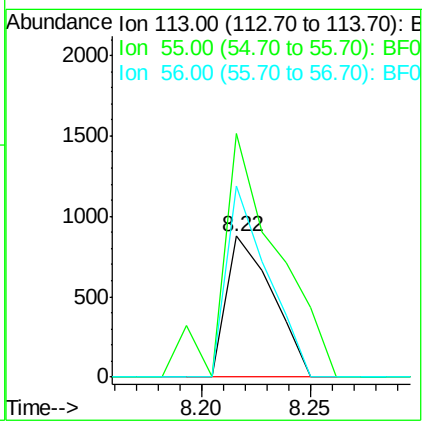


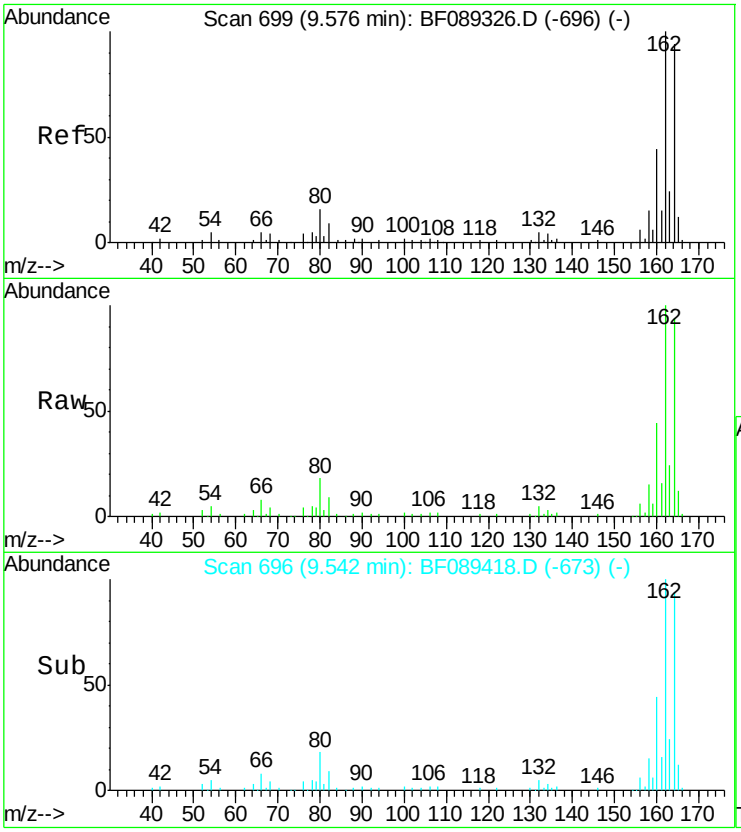


#35
Caprolactam
Concen: 2.11 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.08 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:113 Resp: 1293

Ion	Ratio	Lower	Upper
113	100		
55	173.0	142.3	182.3
56	135.5	105.8	145.8



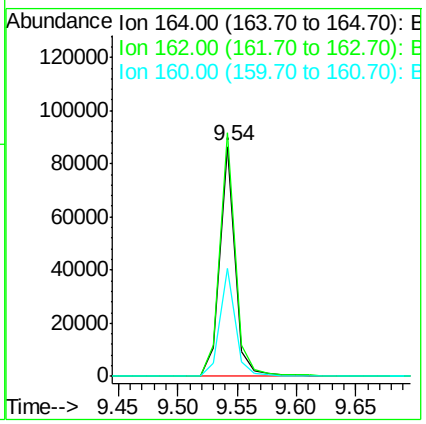


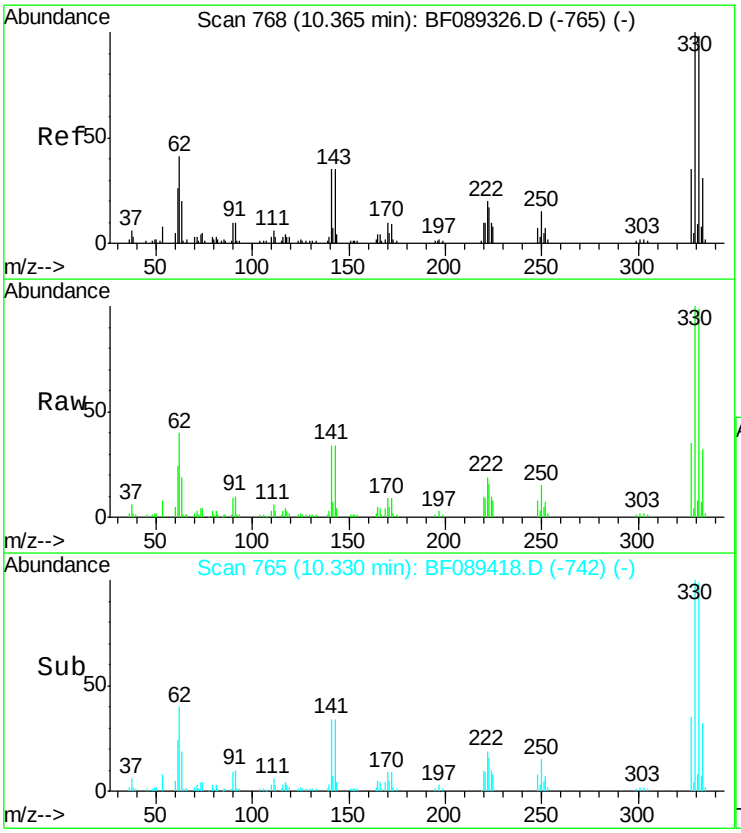
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:164 Resp: 76589

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.7	125.5
160	46.8	37.8	56.6

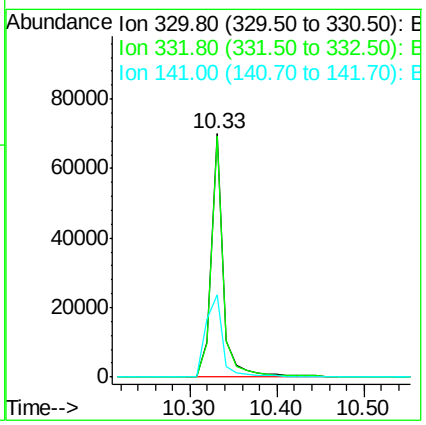


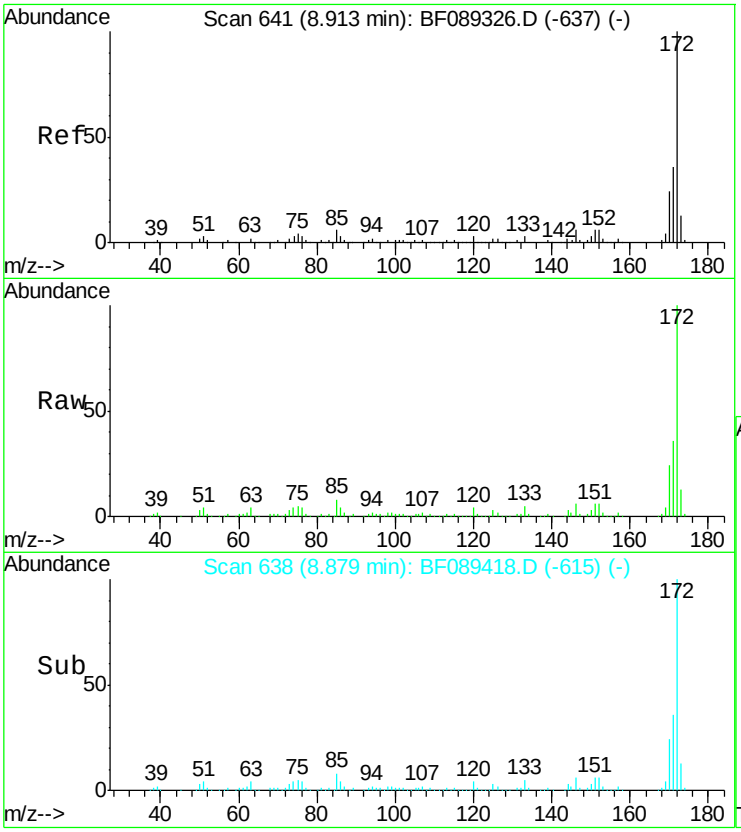


#41
2,4,6-Tribromophenol
Concen: 108.17 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:330 Resp: 68617

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.8	115.2
141	46.5	37.3	55.9



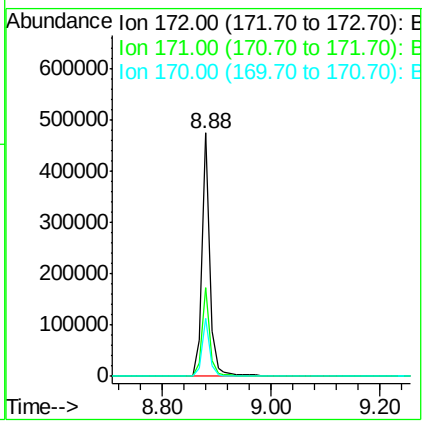


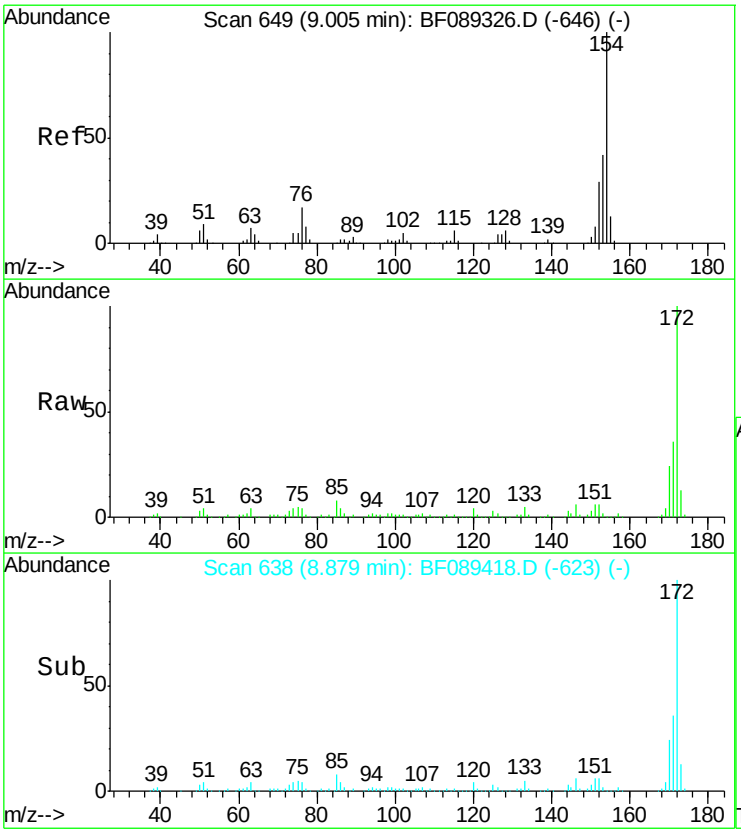
#44
2-Fluorobiphenyl
Concen: 91.24 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:172 Resp: 476166

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.0	19.2	28.8

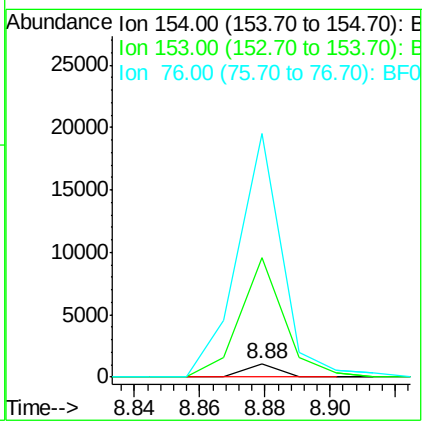


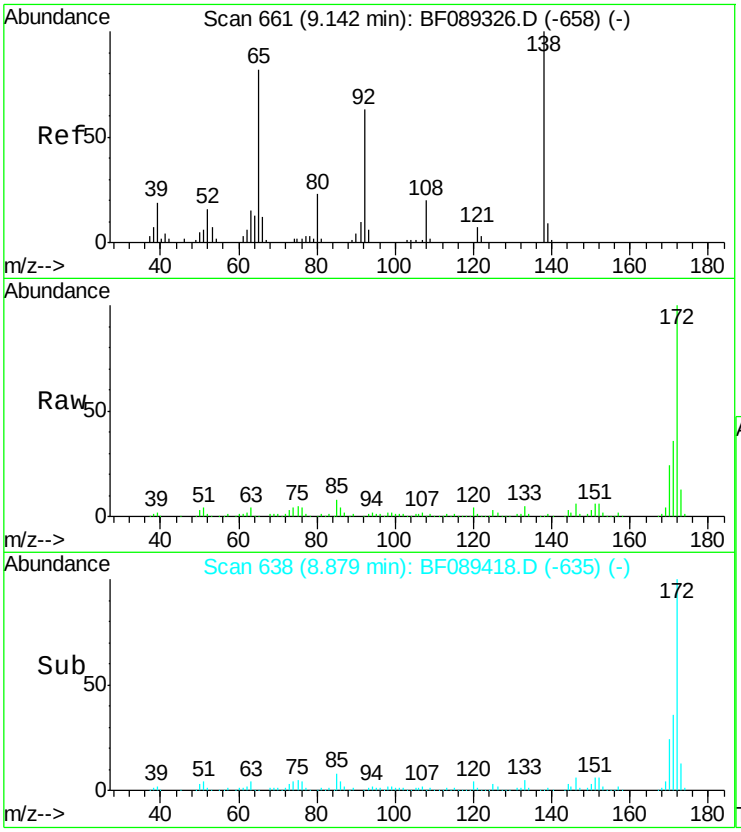


#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.13 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:154 Resp: 727

Ion	Ratio	Lower	Upper
154	100		
153	900.5	21.0	61.0#
76	1840.0	0.0	36.6#



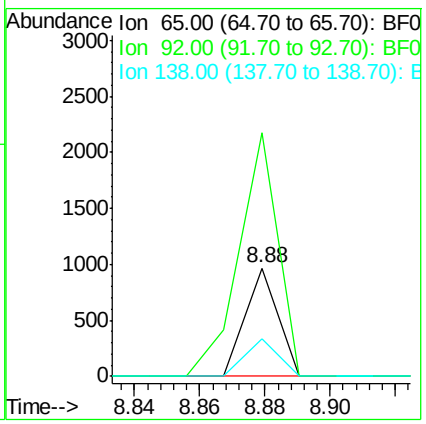


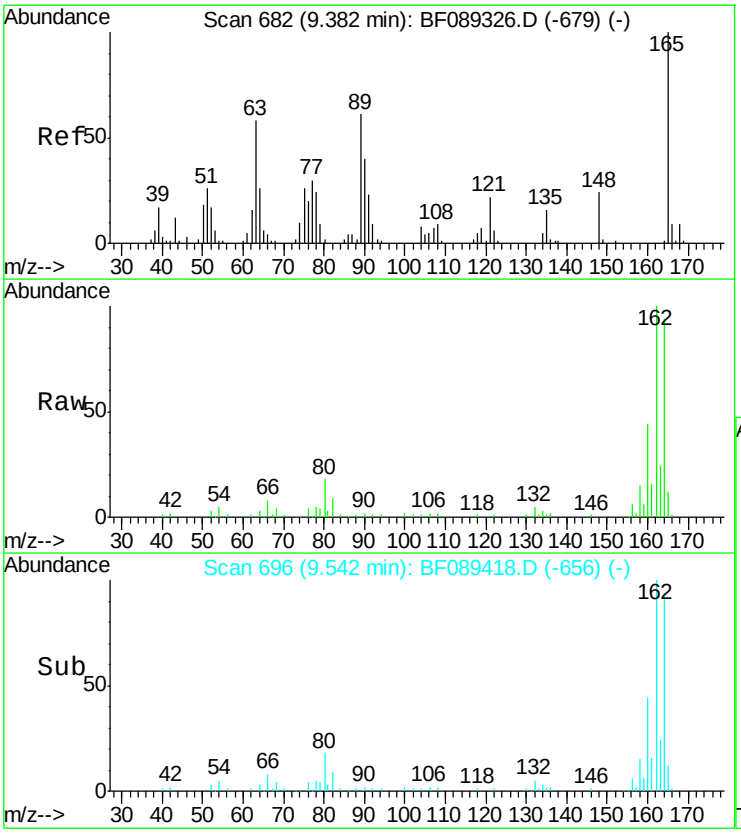
#47
2-Nitroaniline
Concen: 0.46 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.26 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion: 65 Resp: 662

Ion	Ratio	Lower	Upper
65	100		
92	225.1	61.0	91.4#
138	34.8	99.1	148.7#

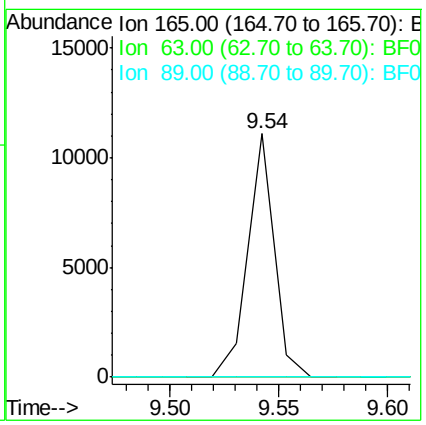


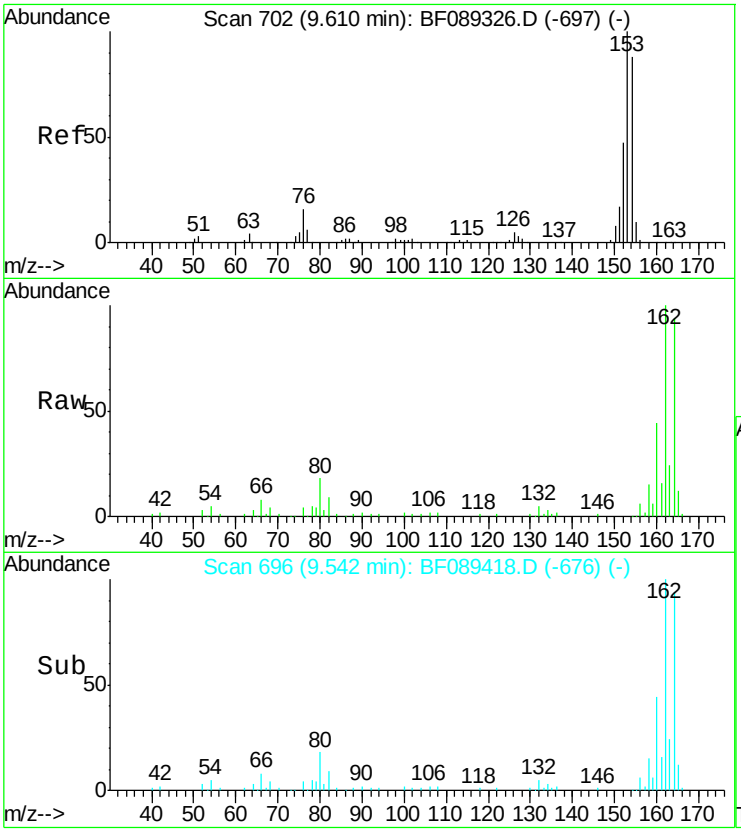


#50
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.16 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:165 Resp: 9391

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



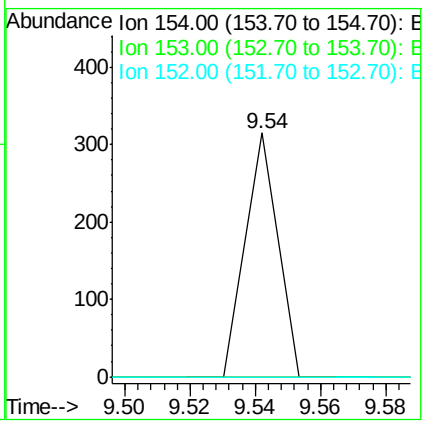


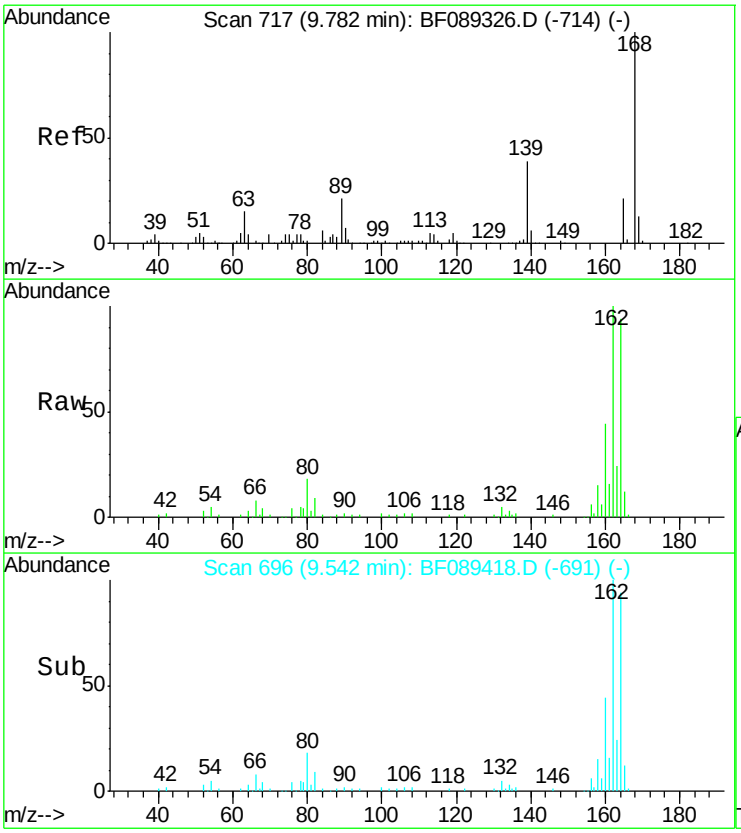
#51
Acenaphthene
Concen: 0.05 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.07 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

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#

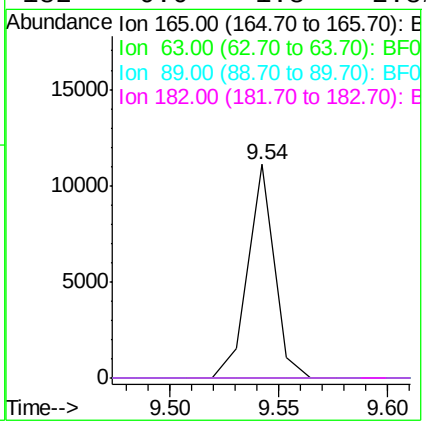


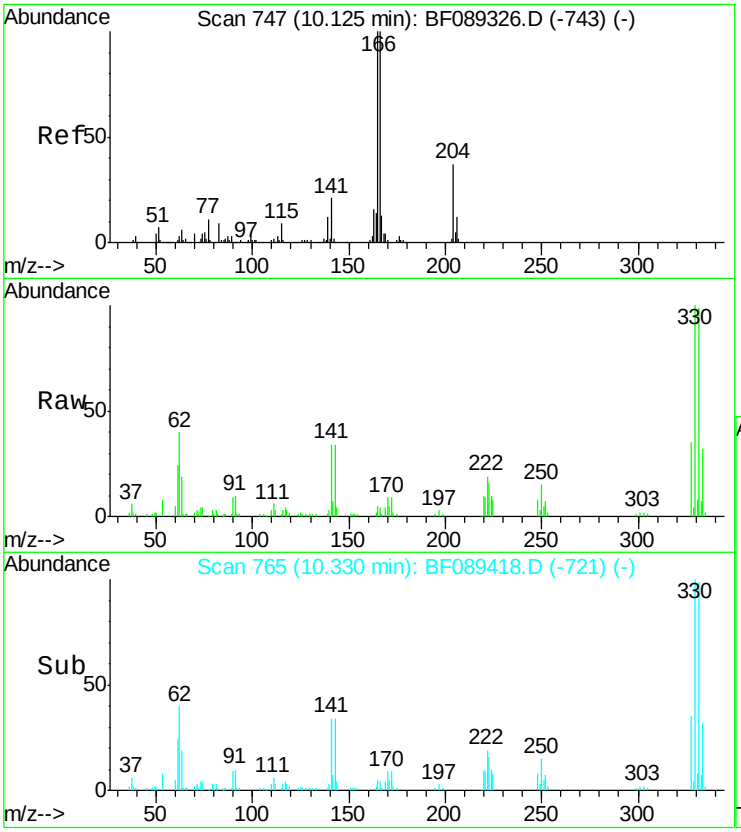


#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.24 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:165 Resp: 9391

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#



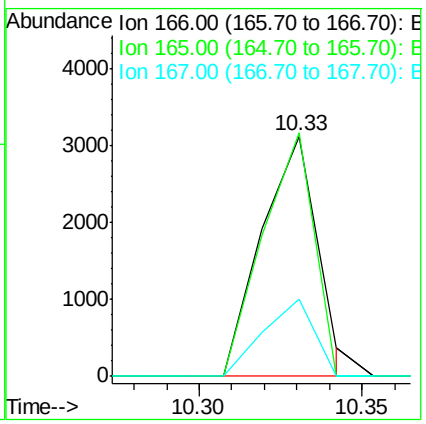


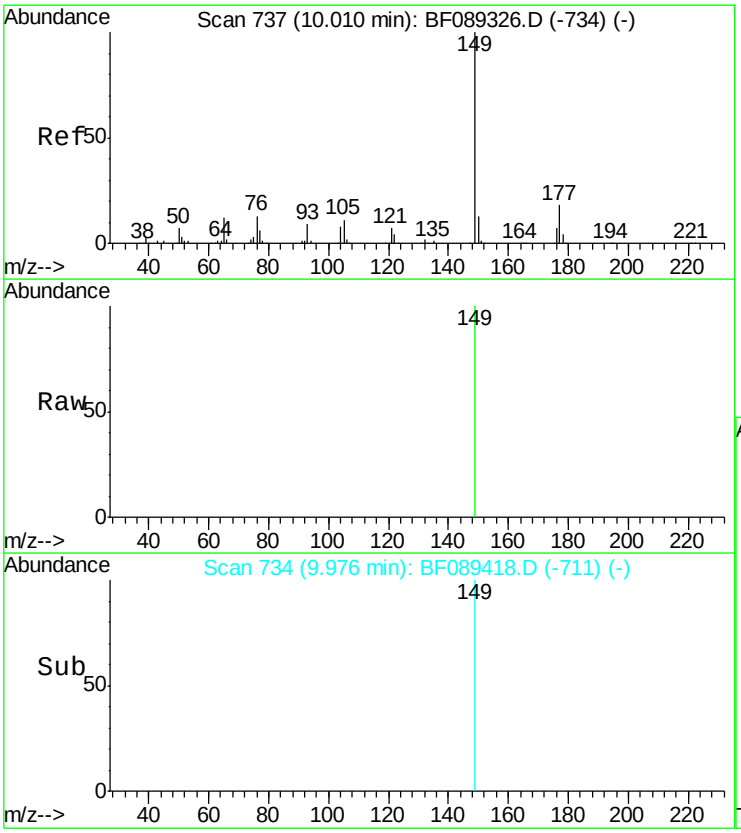
#57
Fluorene
Concen: 0.69 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:166 Resp: 3713

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.0	118.4
167	32.2	10.2	15.2#

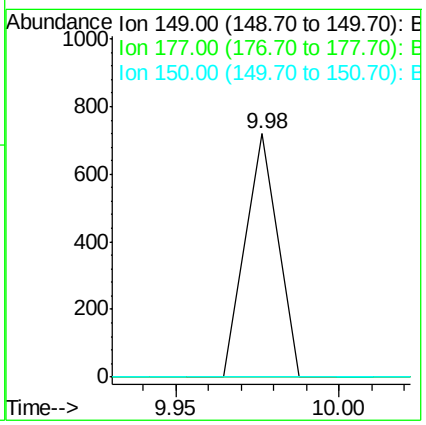


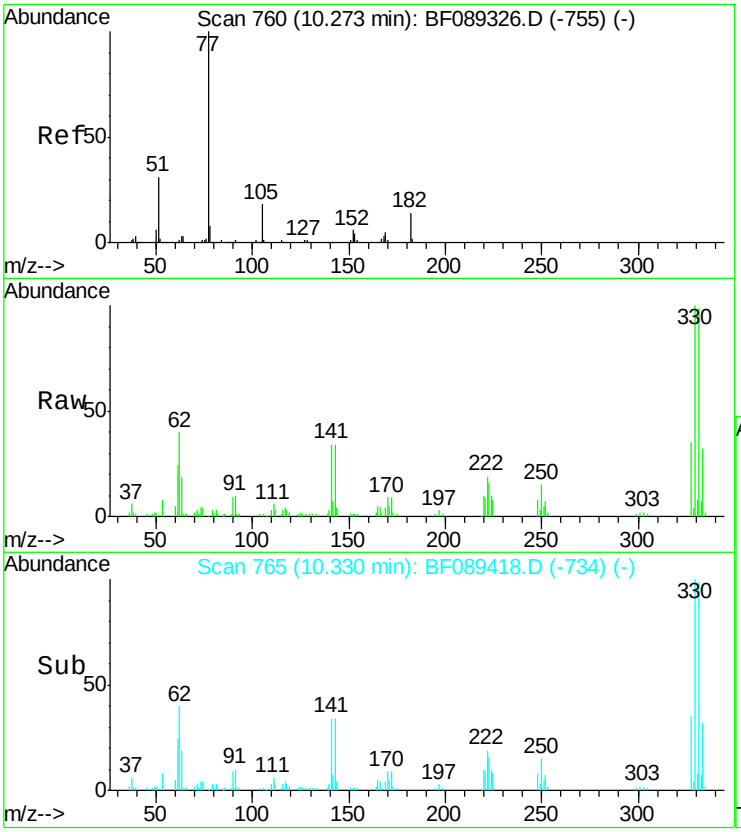


#59
Diethylphthalate
Concen: 0.08 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:149 Resp: 494

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



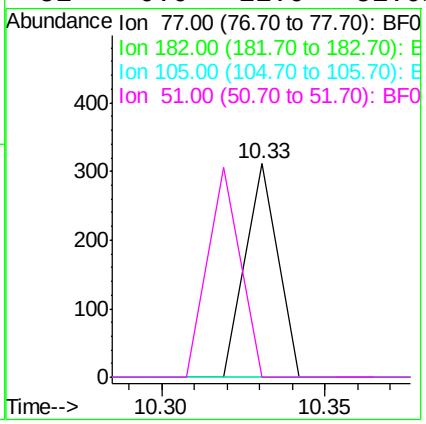


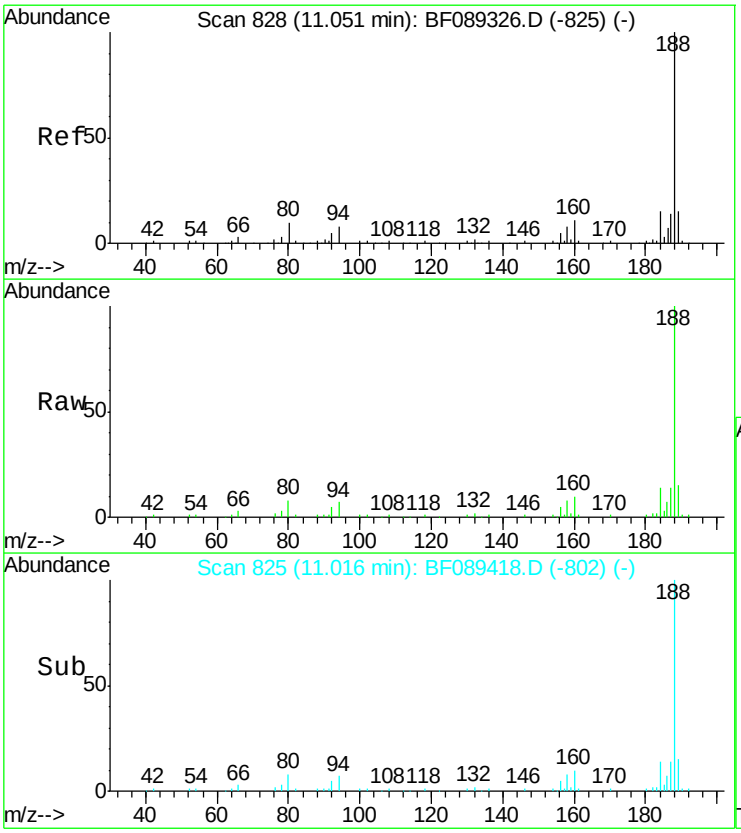
#62
Azobenzene
Concen: 0.03 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.06 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion: 77 Resp: 213

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	33.8
105	0.0	0.0	39.8
51	0.0	11.0	51.0#

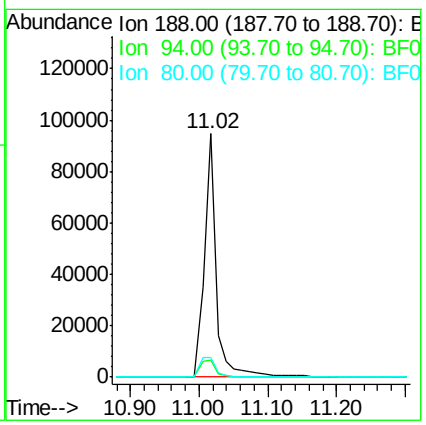


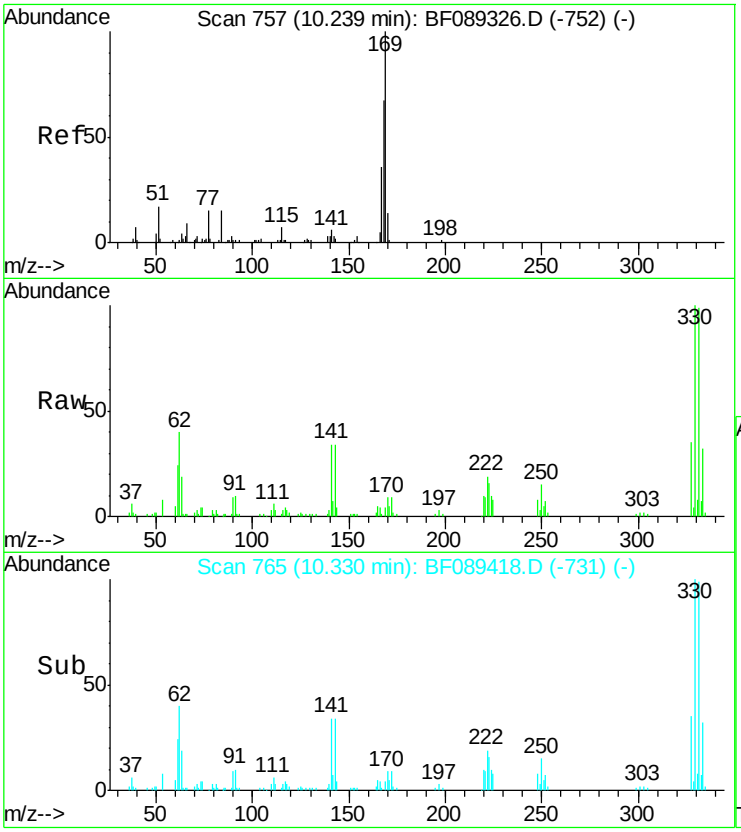


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:188 Resp: 114798

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.5	9.7
80	8.2	7.2	10.8



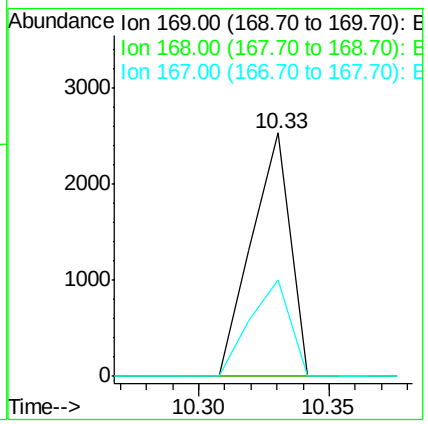


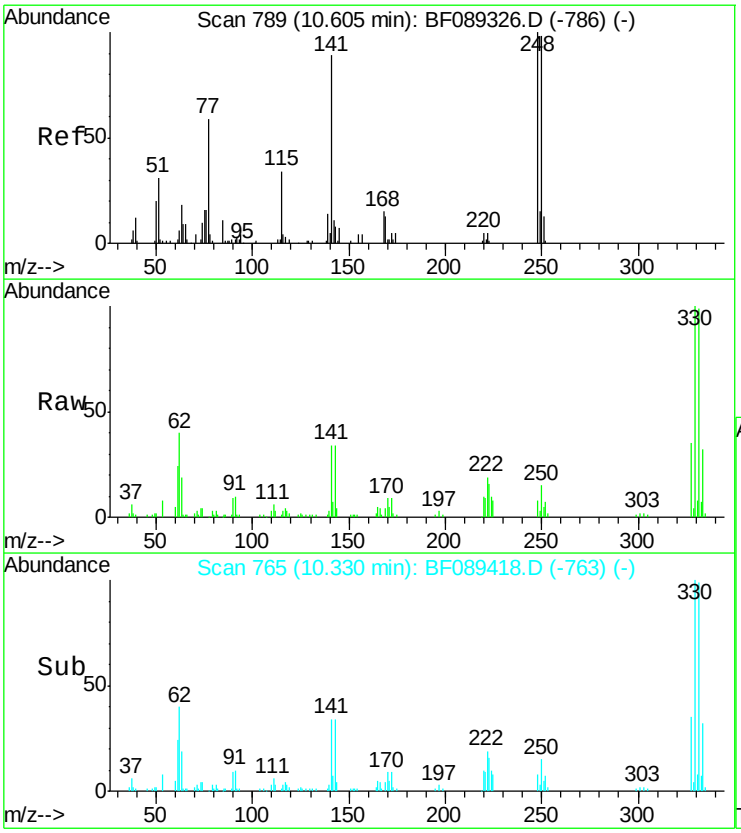
#65
n-Nitrosodiphenylamine
Concen: 0.73 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.09 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:169 Resp: 2631

Ion	Ratio	Lower	Upper
169	100		
168	0.0	55.4	83.0#
167	39.8	29.7	44.5

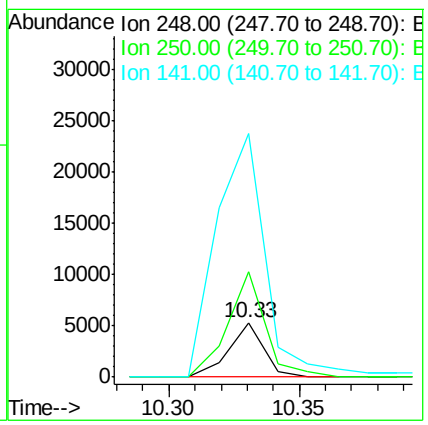


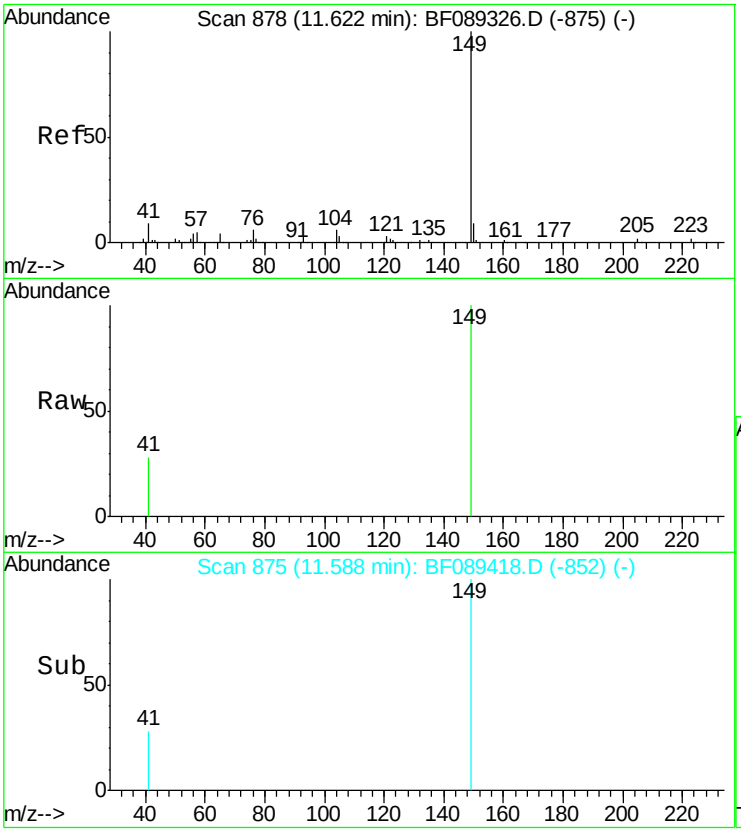


#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.27 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:248 Resp: 5060

Ion	Ratio	Lower	Upper
248	100		
250	193.7	78.2	117.2#
141	446.0	62.0	93.0#



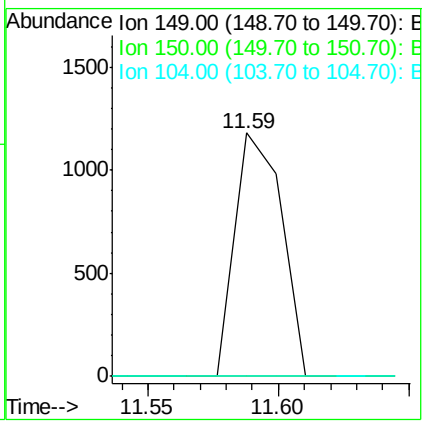


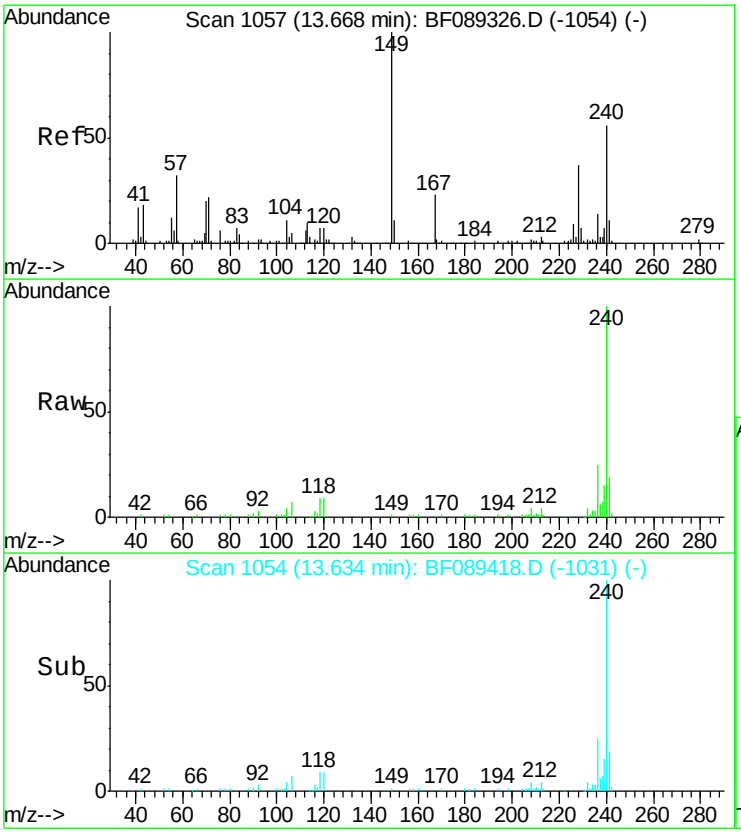
#73
Di-n-butylphthalate
Concen: 0.20 ng
RT: 11.59 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:149 Resp: 1484

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

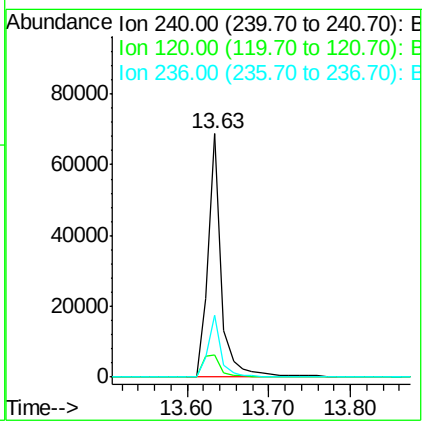


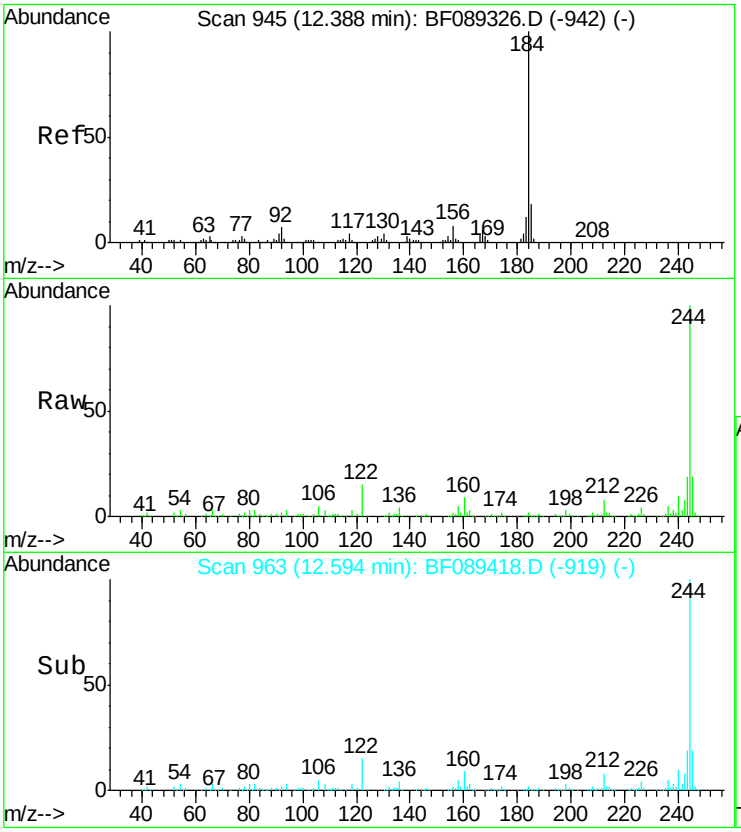


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:240 Resp: 79895

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.1	13.7
236	25.2	20.6	30.8



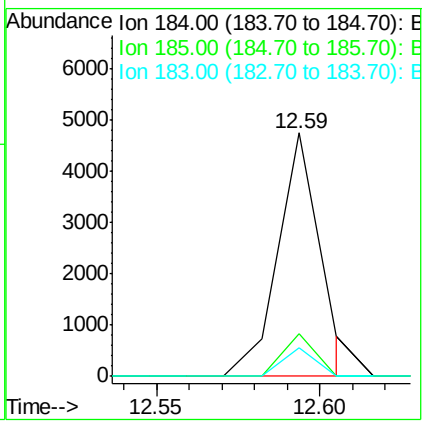


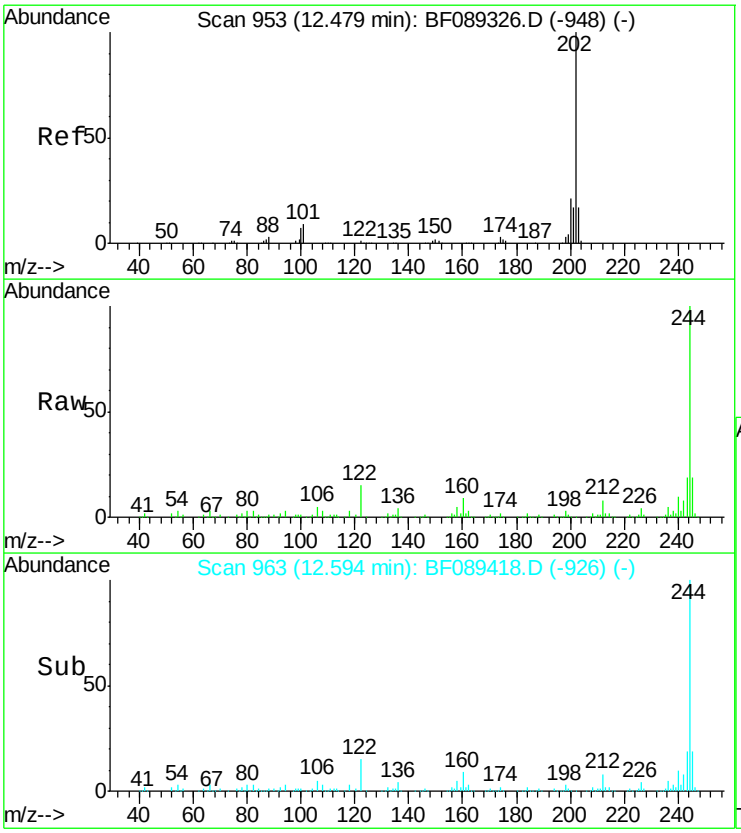
#76
Benzidine
Concen: 1.46 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.21 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:184 Resp: 4309

Ion	Ratio	Lower	Upper
184	100		
185	17.7	13.5	20.3
183	11.5	9.8	14.6

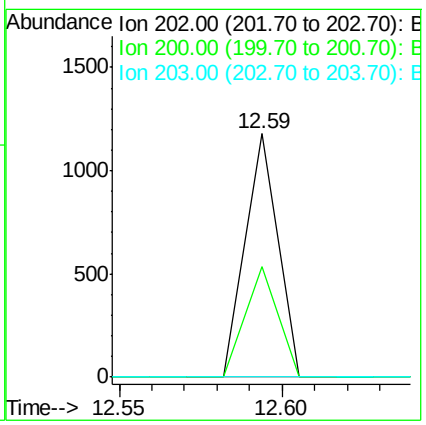


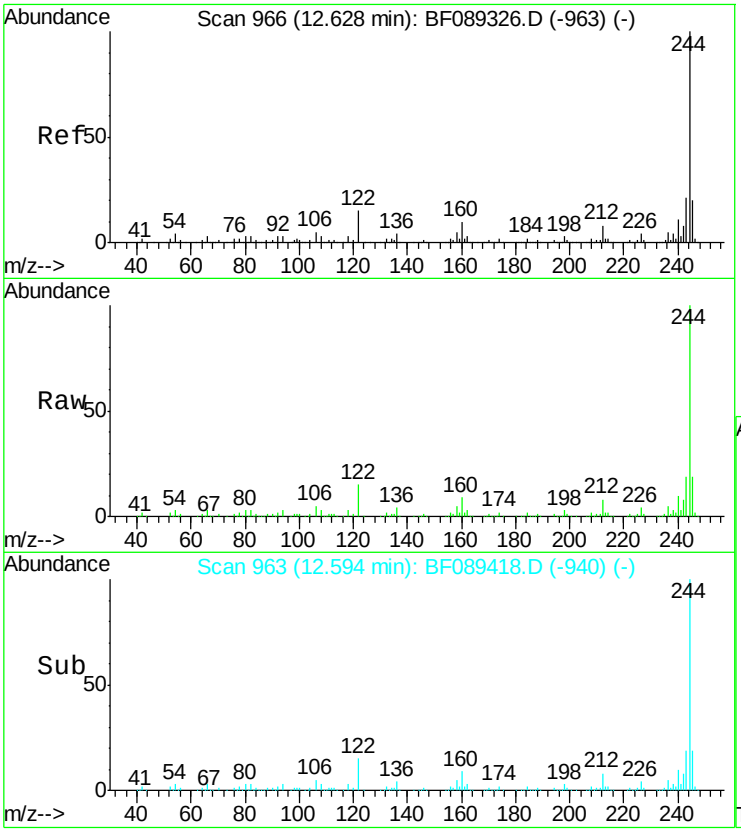


#77
Pyrene
Concen: 0.13 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.13 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:202 Resp: 808

Ion	Ratio	Lower	Upper
202	100		
200	45.6	16.9	25.3#
203	0.0	14.0	21.0#



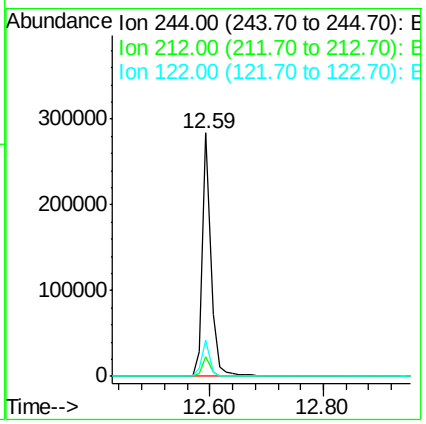


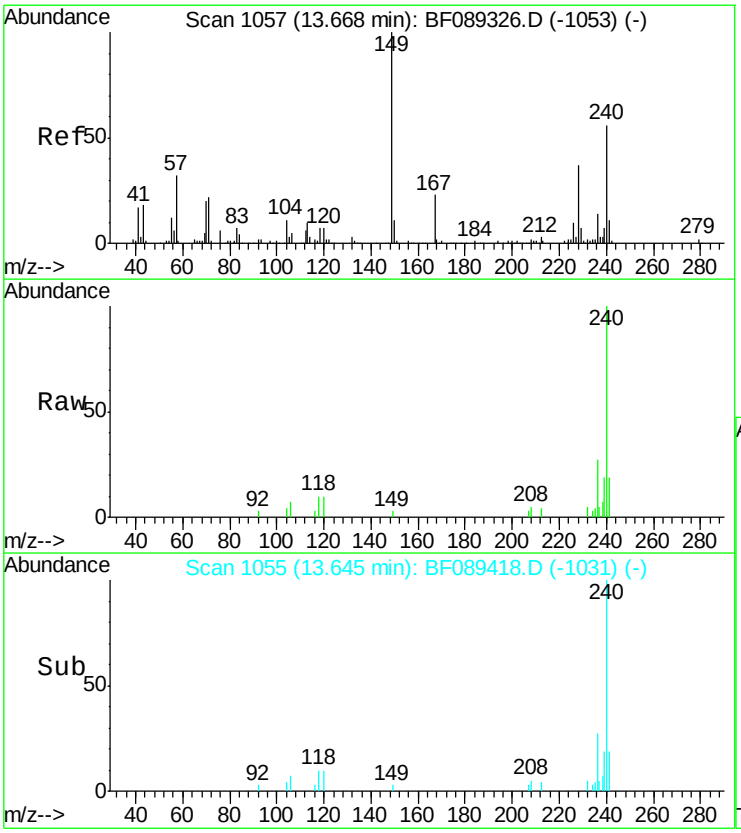
#78
Terphenyl-d14
Concen: 83.89 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:244 Resp: 286367

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	14.8	11.4	17.0

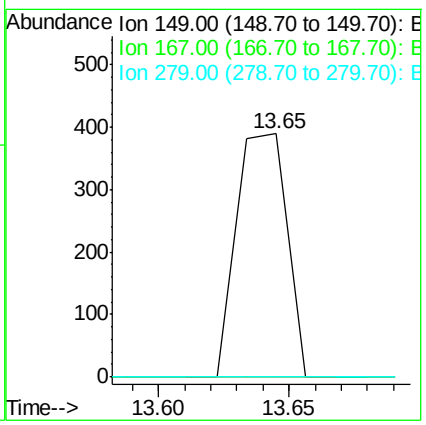


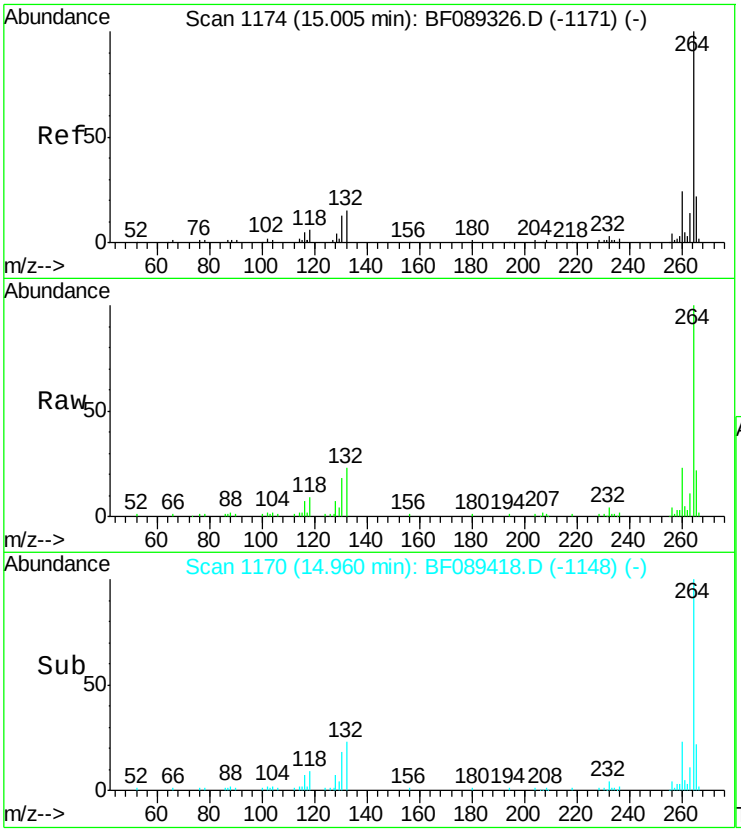


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Tgt Ion:149 Resp: 529

Ion	Ratio	Lower	Upper
149	100		
167	0.0	18.8	28.2#
279	0.0	1.4	2.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF089418.D
Acq: 29 Jul 2016 19:35

Instrument :
BNA_F
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:264 Resp: 87131

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.8	17.5	26.3