Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089419.D
Acq On : 29 Jul 2016 20:05
Operator : UM/SJ
Sample : H4221-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43-5.5-6.5

Quant Time: Jul 29 23:32:43 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	41978	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	165102	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	77062	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	119938	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	83733	20.00	ng	-0.03
86) Perylene-d12	14.96	264	89386	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	38410	14.61	ng	-0.01
7) Phenol-d6	6.17	99	266276	76.64	ng	-0.03
23) Nitrobenzene-d5	7.08	82	240986	86.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.34	330	237	0.37	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	428640	81.63	ng	-0.03
78) Terphenyl-d14	12.59	244	261527	73.10	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	1.68	88	60168	51.52	ng	# 26
9) Benzaldehyde	6.17	77	259	0.15	ng	# 1
10) Phenol	6.18	94	505	0.13	ng	# 1
15) Benzyl Alcohol	6.66	79	3722	1.73	ng	# 52
19) n-Nitroso-di-n-propylamine	7.08	70	31716	15.14	ng	# 81
24) Nitrobenzene	7.08	77	433	0.14	ng	# 38
45) 1,1'-Biphenyl	8.88	154	559	0.09	ng	# 1
47) 2-Nitroaniline	9.28	65	1124	0.77	ng	# 1
49) Dimethylphthalate	9.28	163	137265	23.40	ng	100
50) 2,6-Dinitrotoluene	9.28	165	1164	0.97	ng	# 1
51) Acenaphthene	9.54	154	252	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.54	165	9477	5.97	ng	# 7
59) Diethylphthalate	9.98	149	320	0.05	ng	# 62
73) Di-n-butylphthalate	11.59	149	749	0.10	ng	# 78
76) Benzidine	12.59	184	4119	1.33	ng	98
77) Pyrene	12.59	202	835	0.13	ng	# 46
83) Bis(2-ethylhexyl)phthalate	13.63	149	270	0.06	ng	# 55
89) Benzo(a)pyrene	14.96	252	228	0.05	ng	# 58

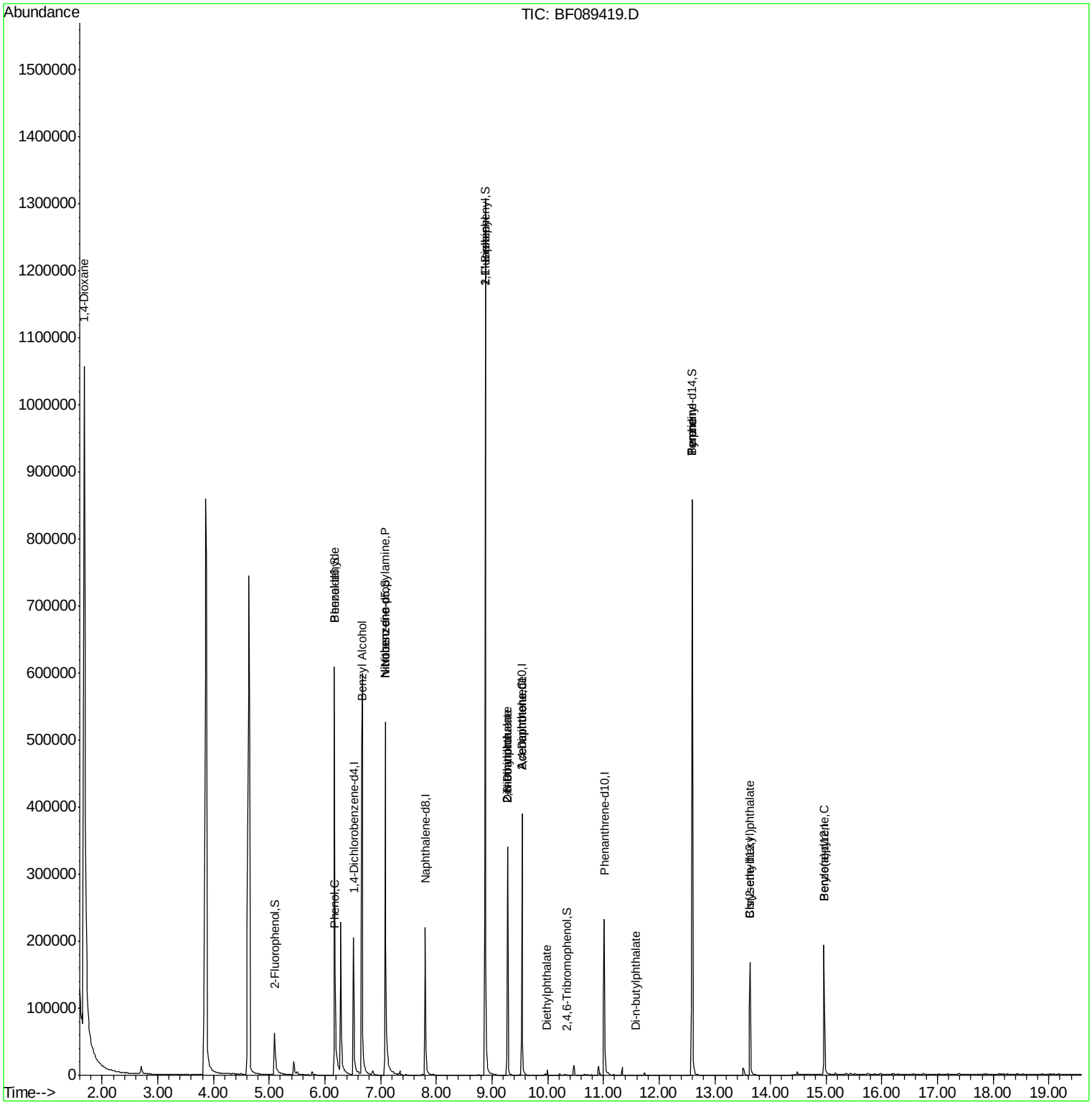
(#) = qualifier out of range (m) = manual integration (+) = signals summed

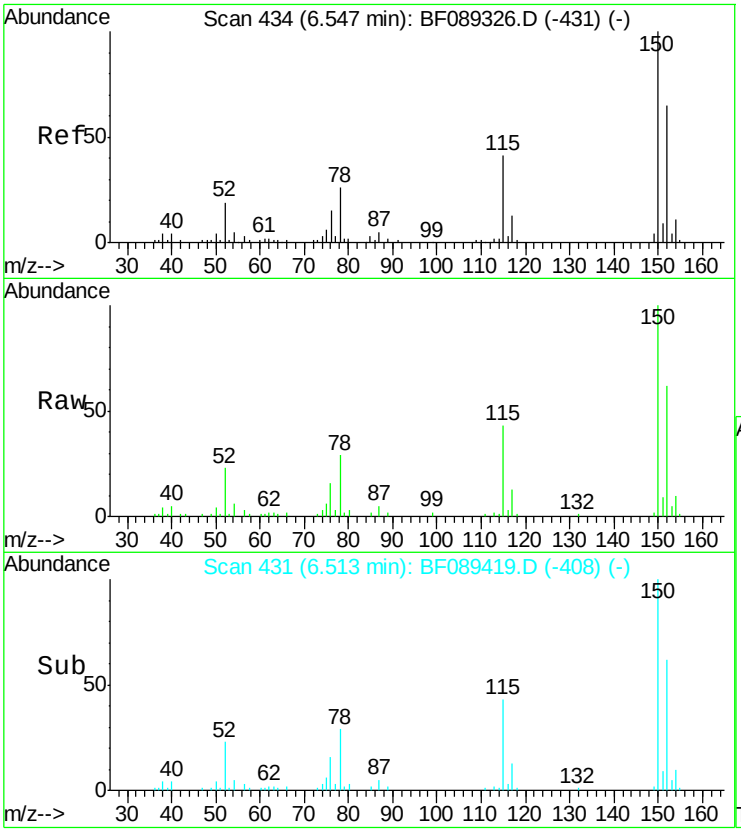
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089419.D
Acq On : 29 Jul 2016 20:05
Operator : UM/SJ
Sample : H4221-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Quant Time: Jul 29 23:32:43 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



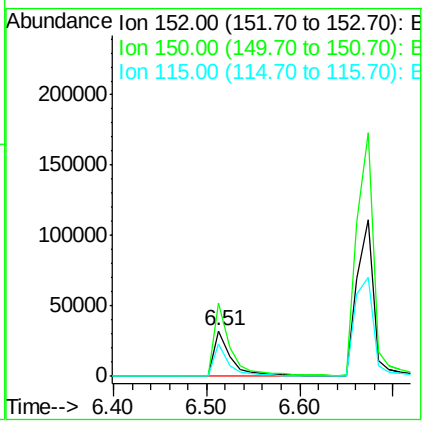


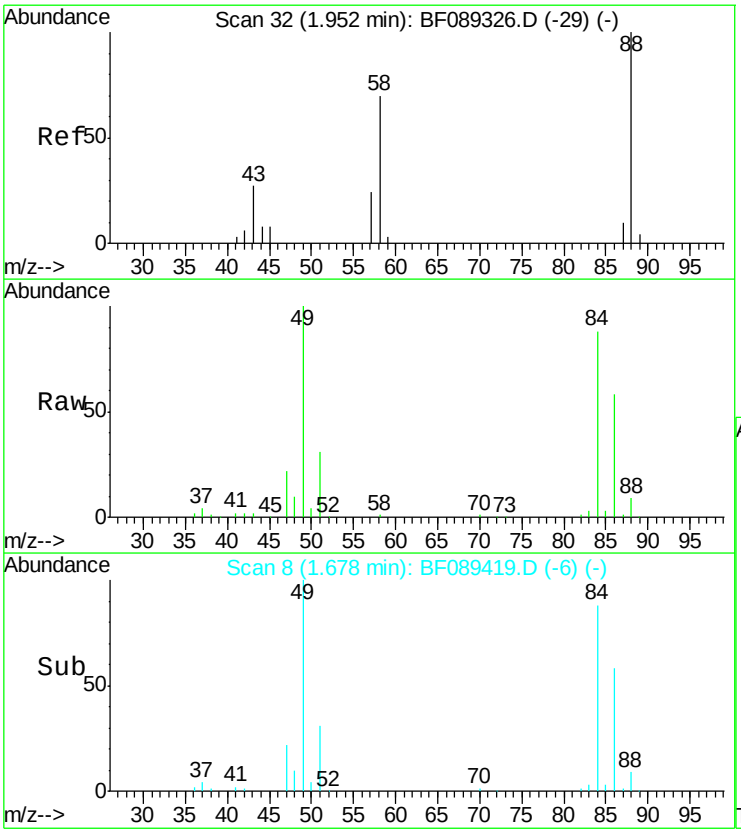
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:152 Resp: 41978

Ion	Ratio	Lower	Upper
152	100		
150	161.3	129.5	194.3
115	69.4	51.4	77.2

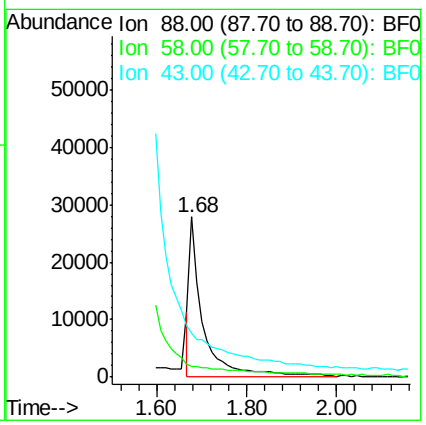


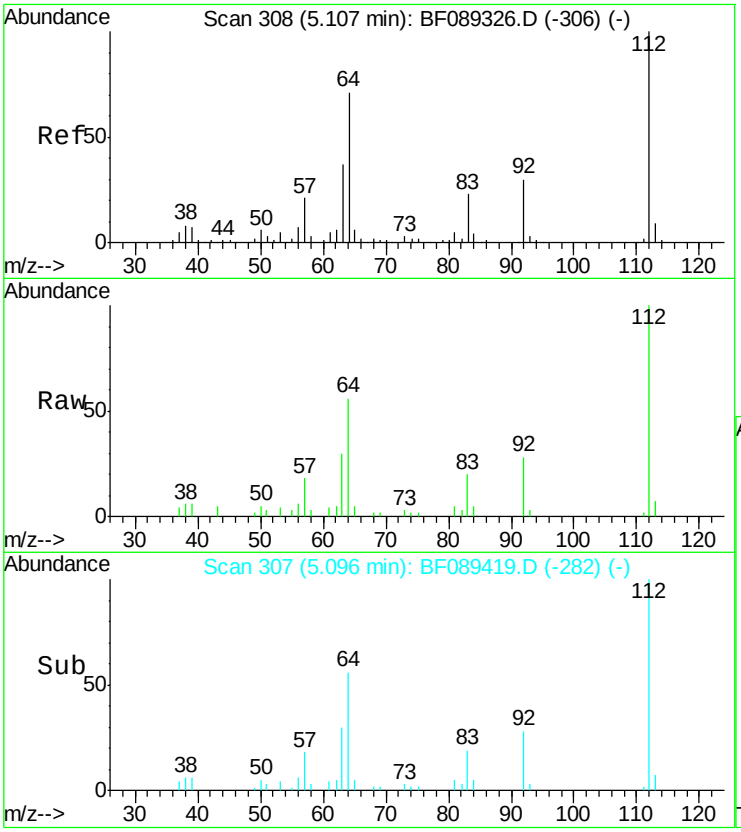


#2
1,4-Dioxane
Concen: 51.52 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.27 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion: 88 Resp: 60168

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



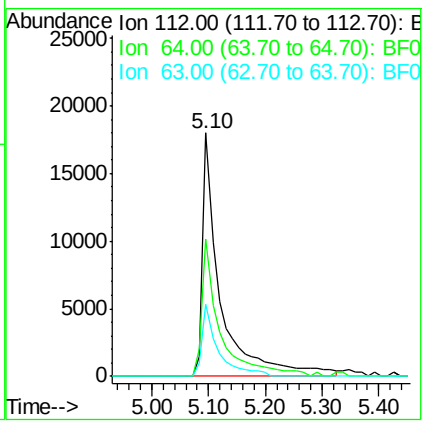


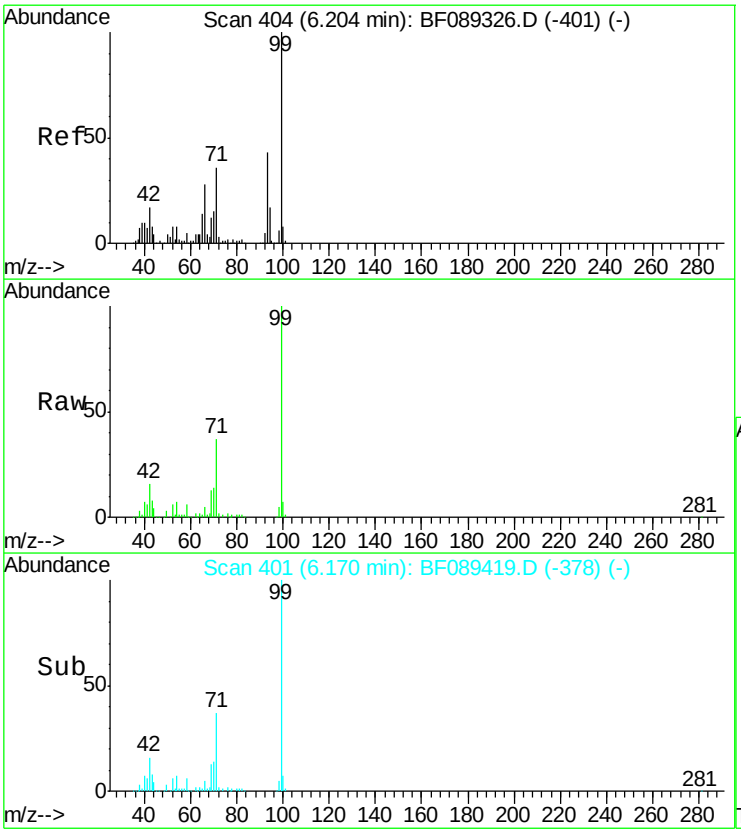
#5
2-Fluorophenol
Concen: 14.61 ng
RT: 5.10 min Scan# 307
Delta R.T. -0.01 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:112 Resp: 38410

Ion	Ratio	Lower	Upper
112	100		
64	56.2	55.0	82.6
63	29.9	29.4	44.2

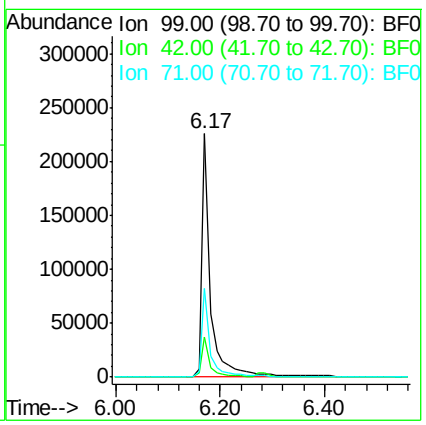


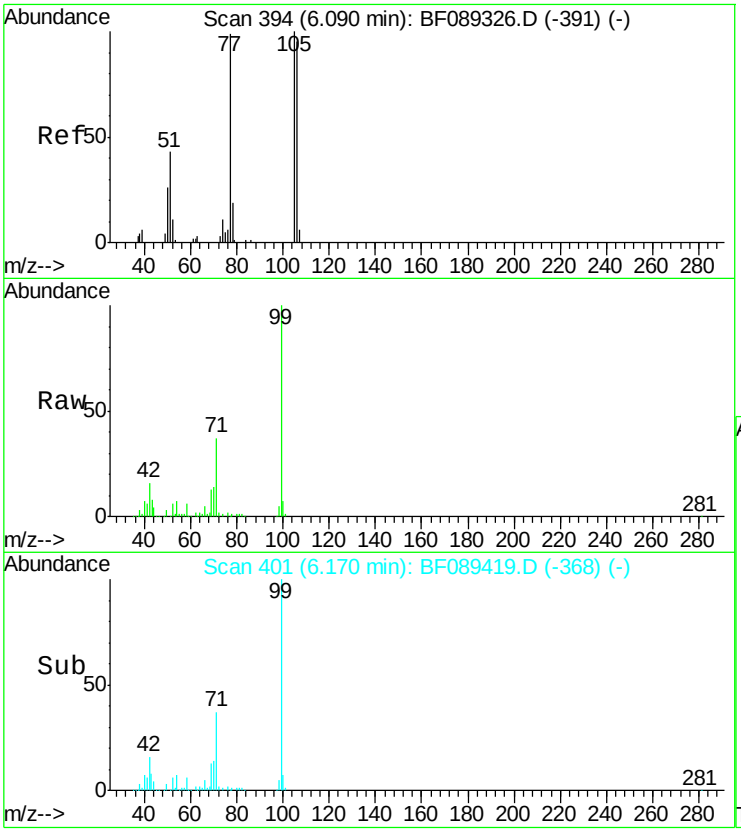


#7
Phenol-d6
Concen: 76.64 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion: 99 Resp: 266276

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	36.7	29.4	44.2



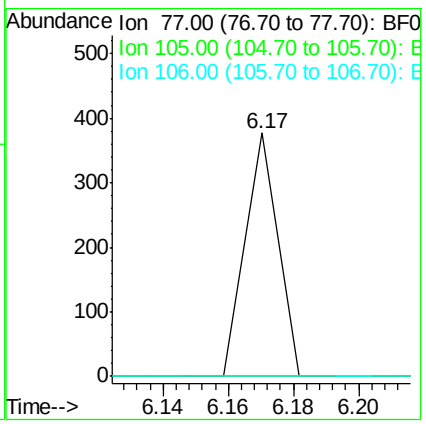


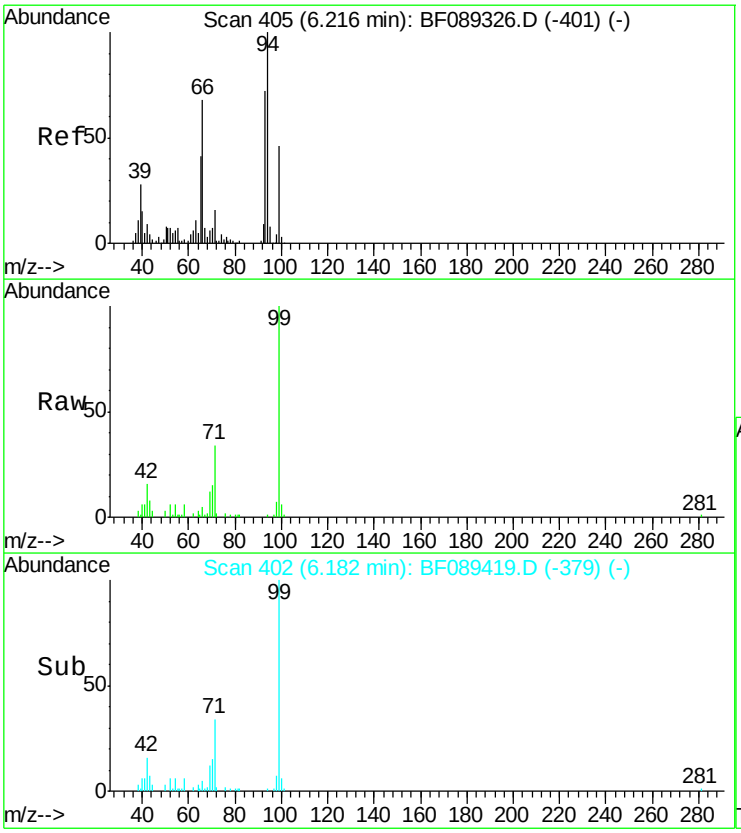
#9
Benzaldehyde
Concen: 0.15 ng
RT: 6.17 min Scan# 401
Delta R.T. 0.08 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion: 77 Resp: 259

Ion	Ratio	Lower	Upper
77	100		
105	0.0	82.9	122.9#
106	0.0	75.9	115.9#

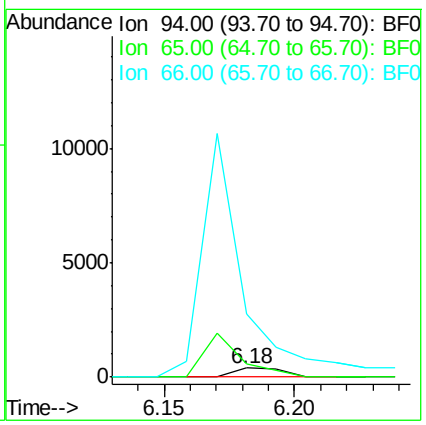


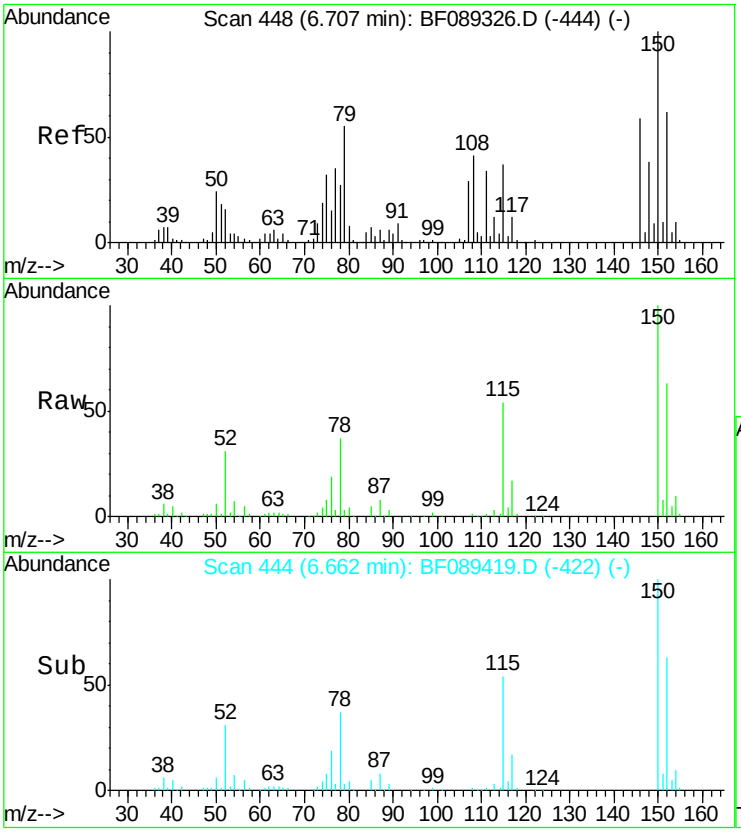


#10
Phenol
Concen: 0.13 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion: 94 Resp: 505

Ion	Ratio	Lower	Upper
94	100		
65	152.6	19.1	59.1#
66	725.4	44.4	84.4#



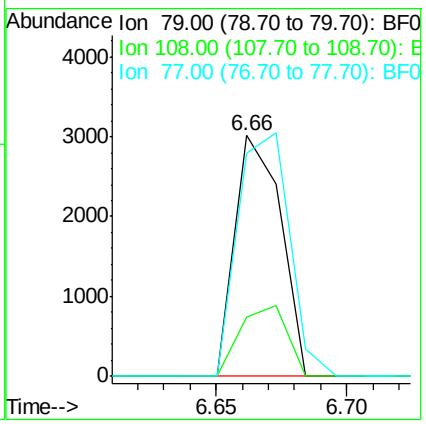


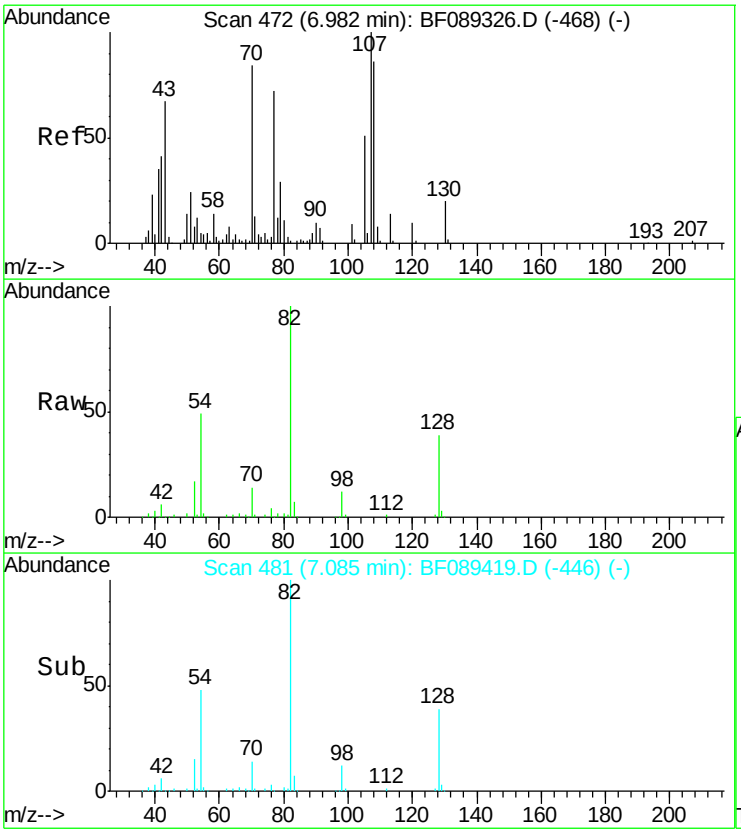
#15
Benzyl Alcohol
Concen: 1.73 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion: 79 Resp: 3722

Ion	Ratio	Lower	Upper
79	100		
108	24.6	59.8	89.6#
77	92.7	51.7	77.5#

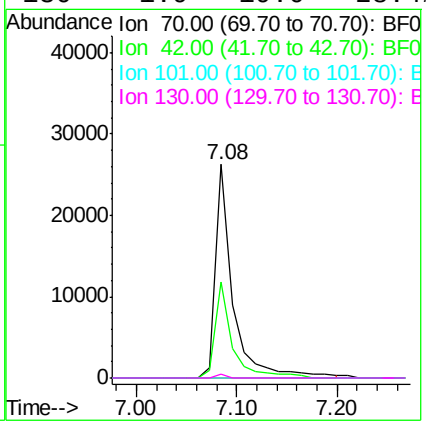


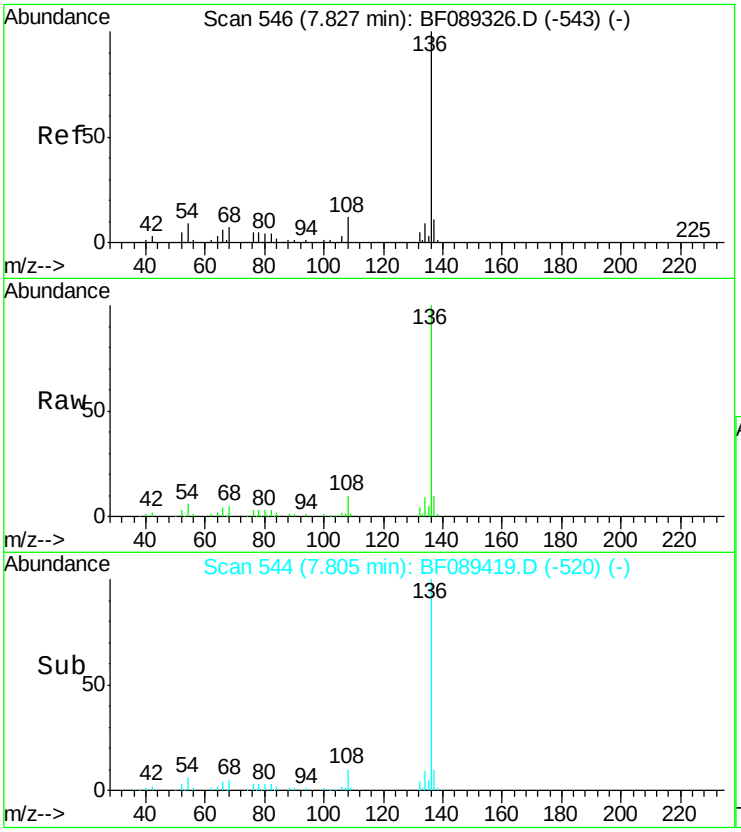


#19
n-Nitroso-di-n-propylamine
Concen: 15.14 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.10 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion: 70 Resp: 31716

Ion	Ratio	Lower	Upper
70	100		
42	44.8	38.6	57.8
101	0.0	8.3	12.5#
130	1.9	19.0	28.4#



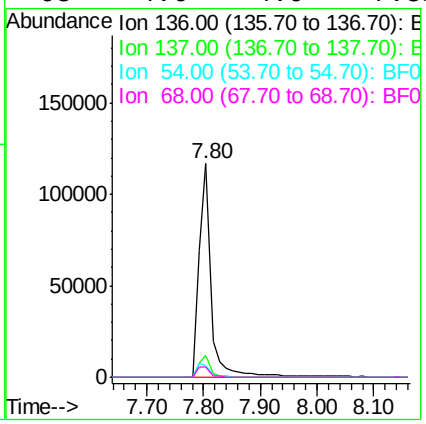


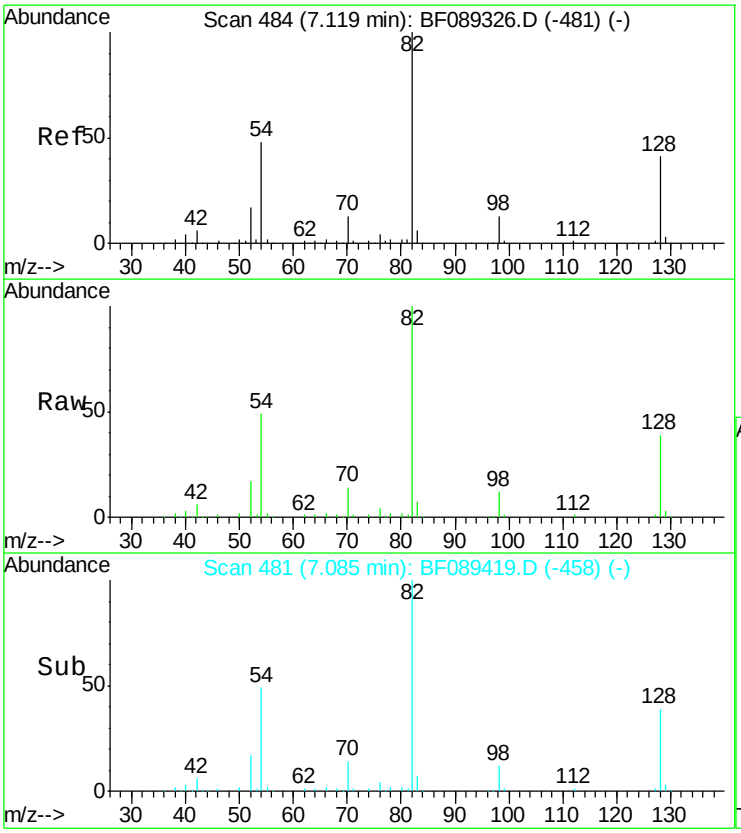
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:136 Resp: 165102

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.7	7.0	10.4#
68	4.6	4.9	7.3#

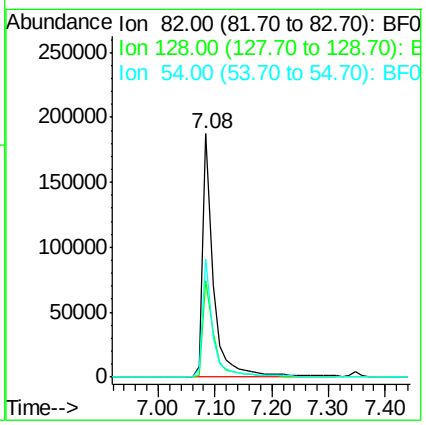


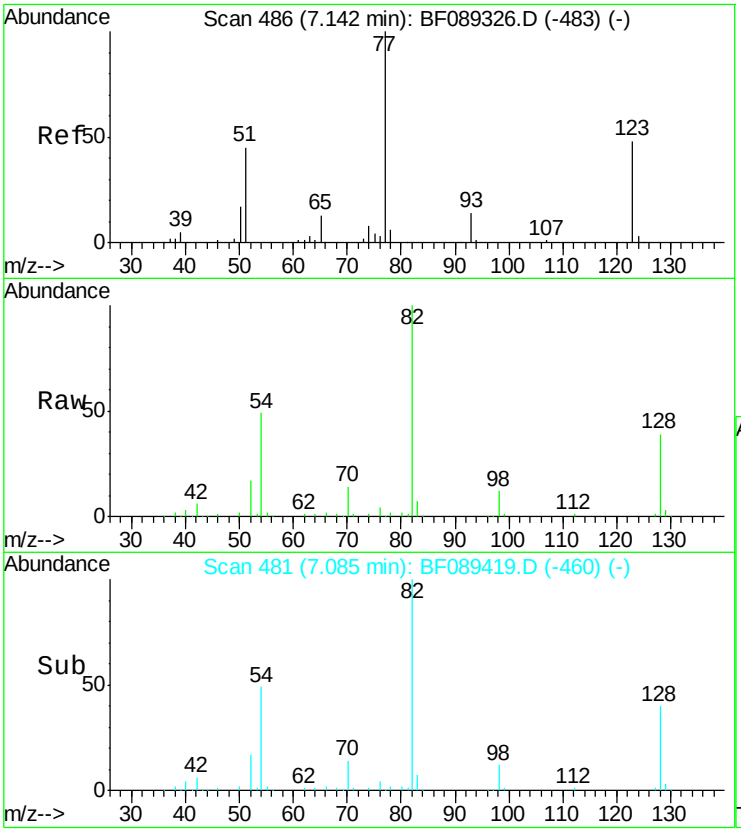


#23
Nitrobenzene-d5
Concen: 86.16 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion: 82 Resp: 240986

Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.5	48.7
54	48.6	38.8	58.2



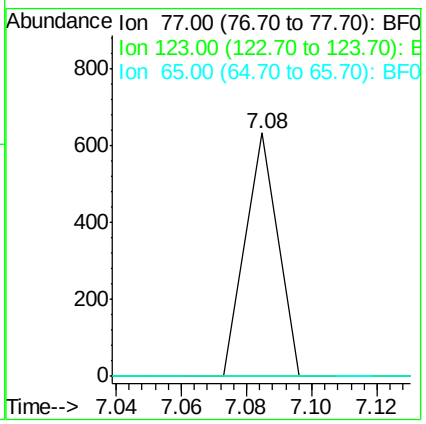


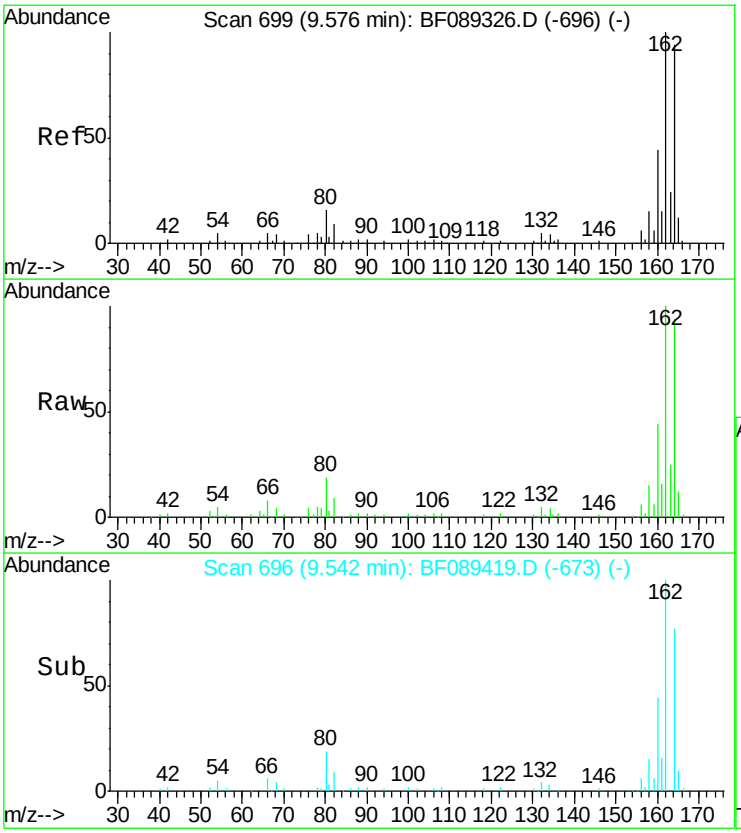
#24
Nitrobenzene
Concen: 0.14 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

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#

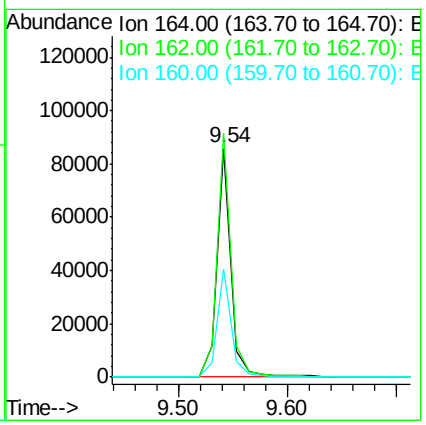


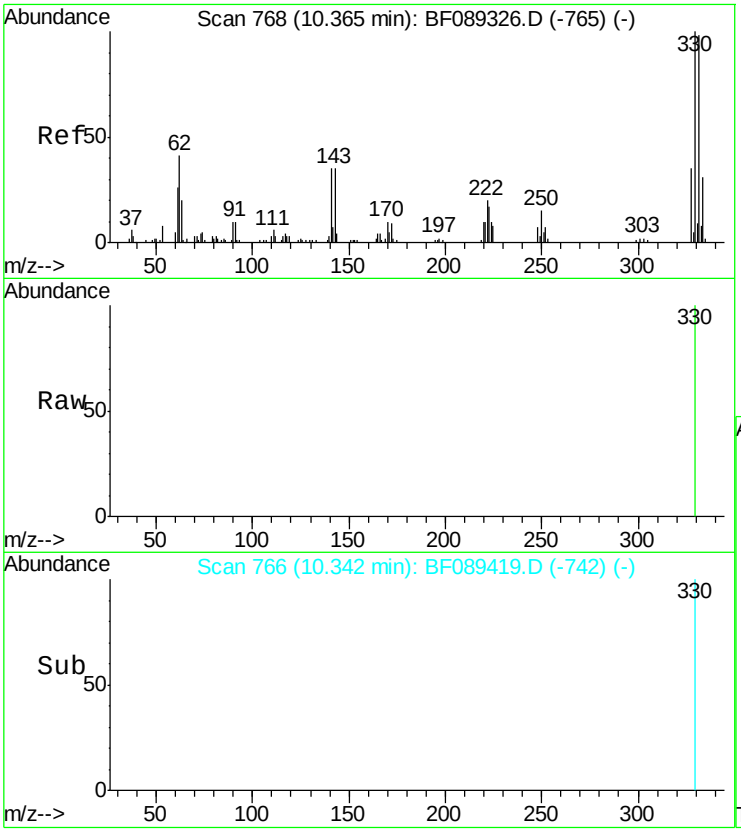


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion:164 Resp: 77062

Ion	Ratio	Lower	Upper
164	100		
162	106.7	83.7	125.5
160	47.2	37.8	56.6



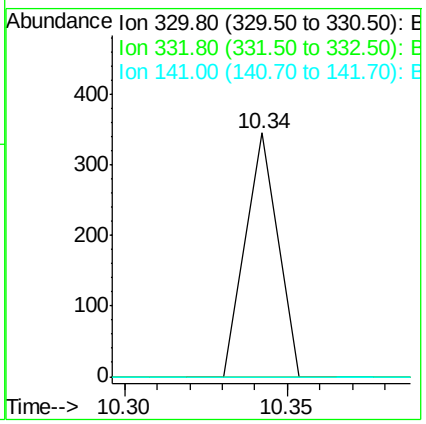


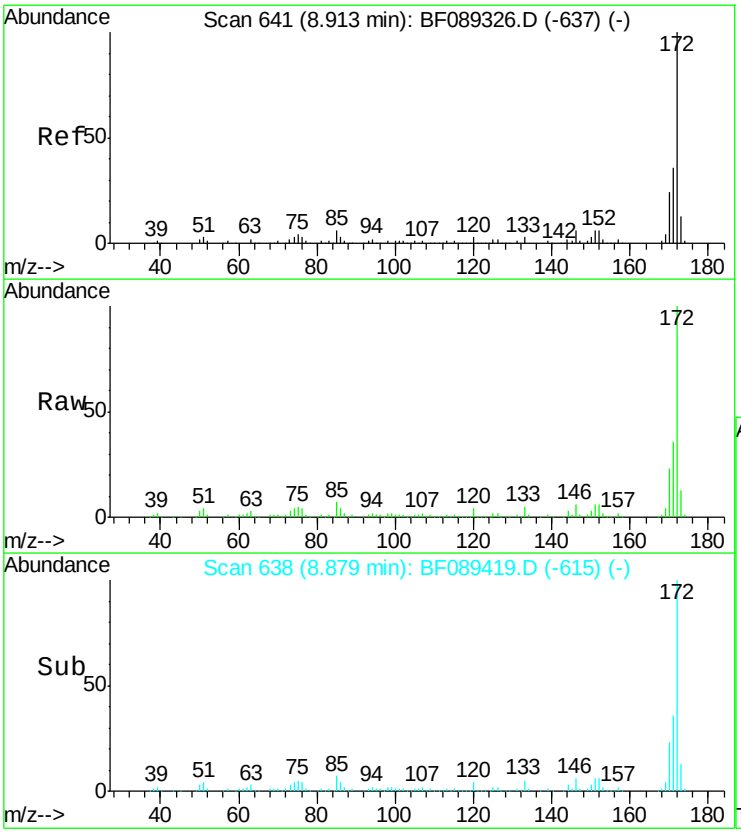
#41
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:330 Resp: 237

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.8	115.2#
141	0.0	37.3	55.9#

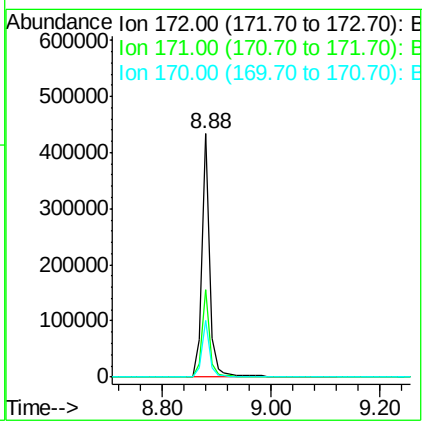


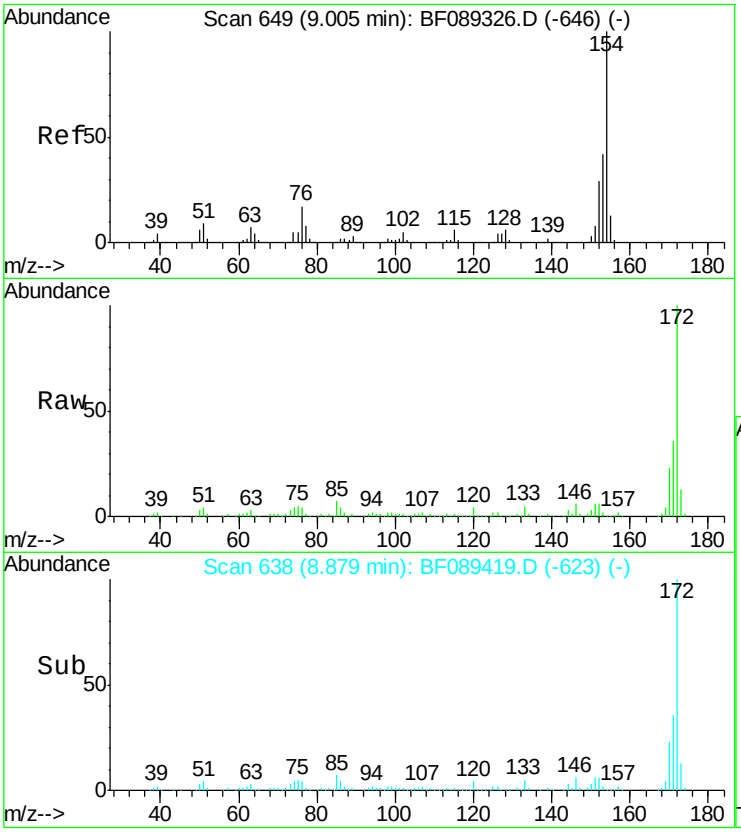


#44
2-Fluorobiphenyl
Concen: 81.63 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion:172 Resp: 428640

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.4	19.2	28.8



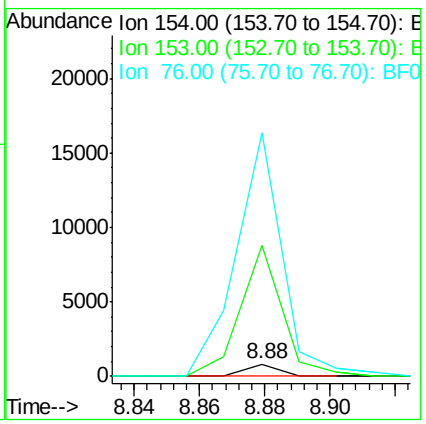


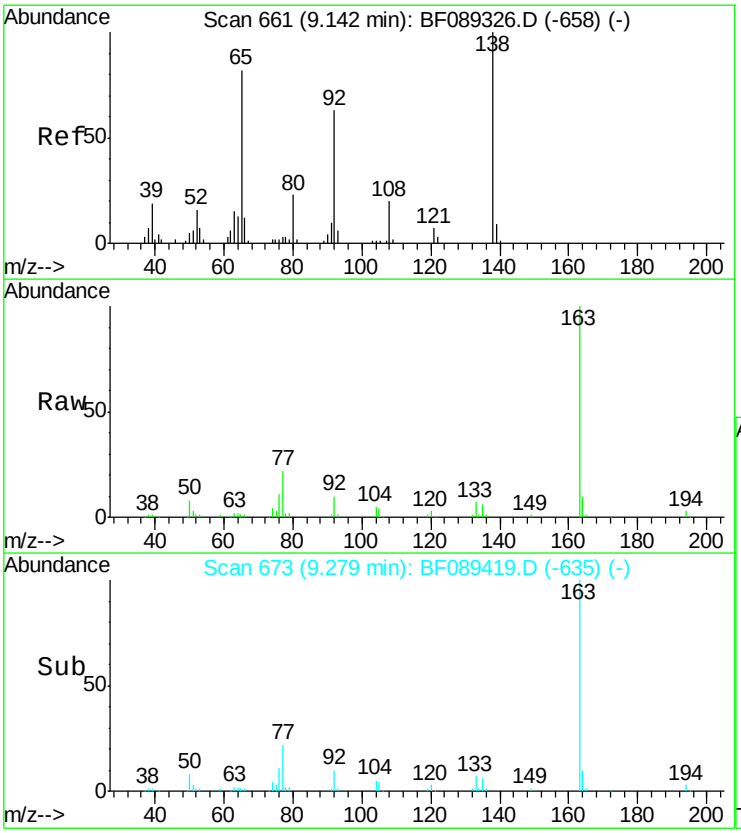
#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.13 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:154 Resp: 559

Ion	Ratio	Lower	Upper
154	100		
153	1074.7	21.0	61.0#
76	2005.8	0.0	36.6#

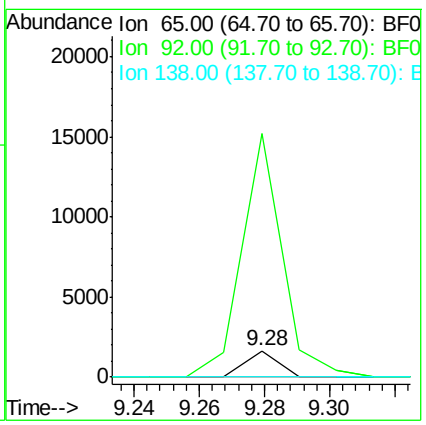


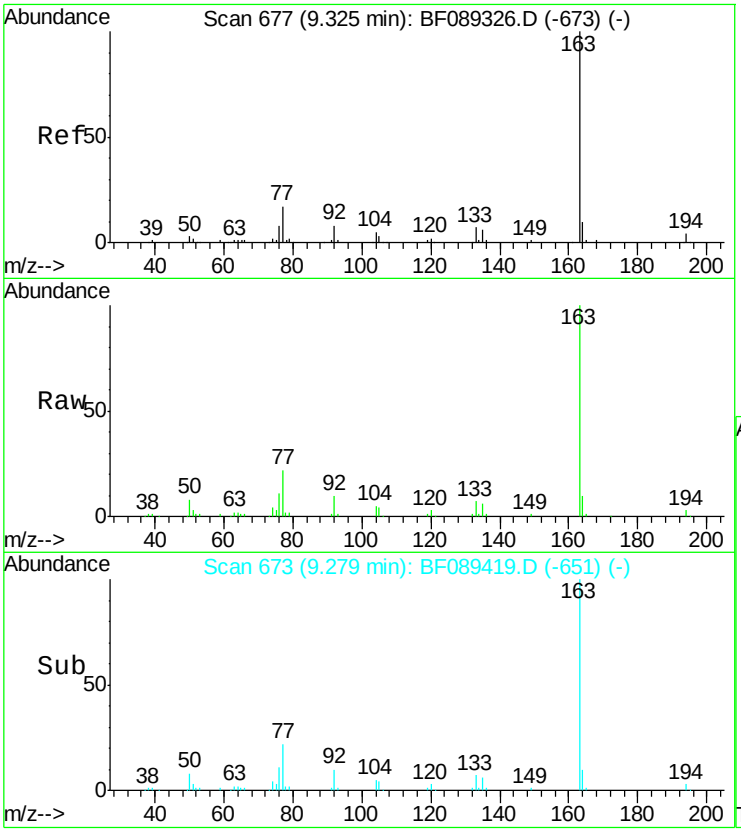


#47
2-Nitroaniline
Concen: 0.77 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.14 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion: 65 Resp: 1124

Ion	Ratio	Lower	Upper
65	100		
92	927.1	61.0	91.4#
138	0.0	99.1	148.7#



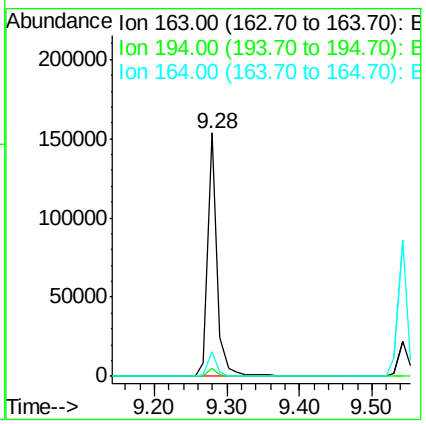


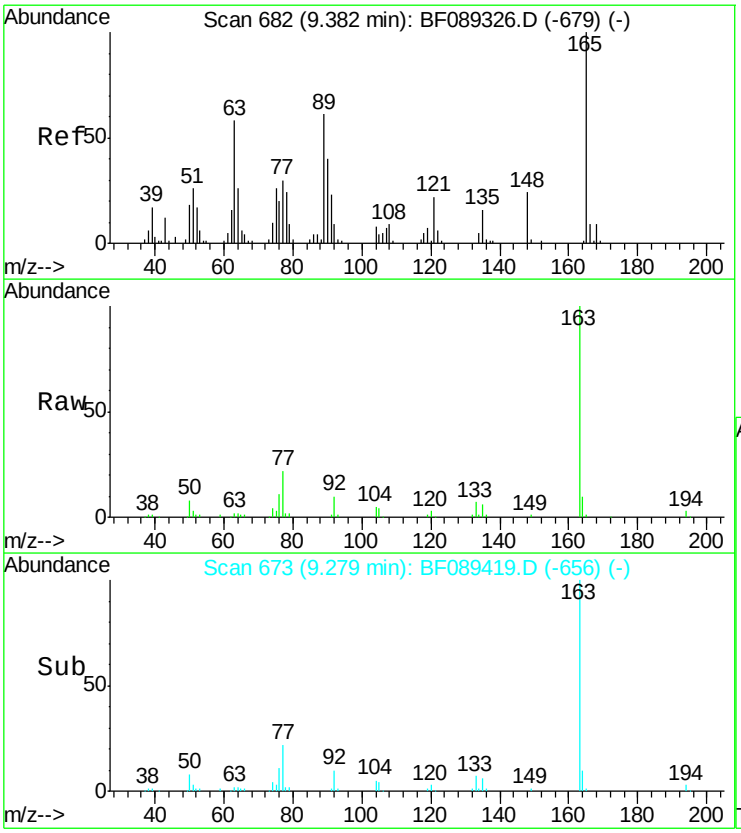
#49
Dimethylphthalate
Concen: 23.40 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:163 Resp: 137265

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	9.9	7.8	11.8

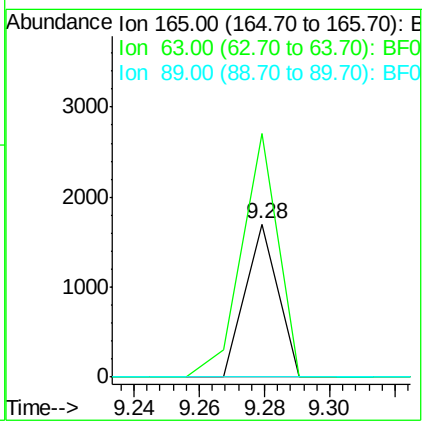


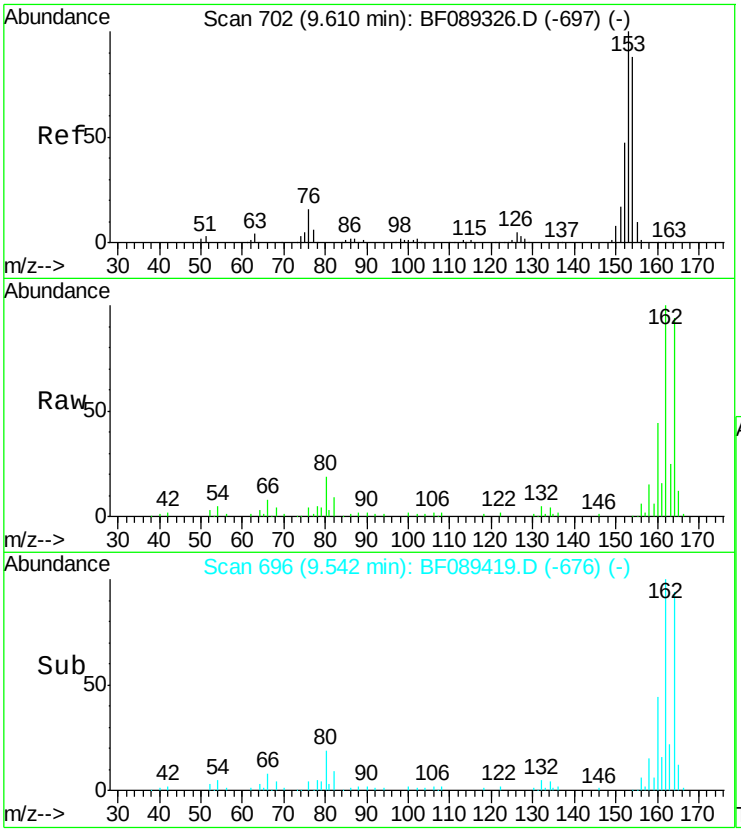


#50
2,6-Dinitrotoluene
Concen: 0.97 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.10 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion:165 Resp: 1164

Ion	Ratio	Lower	Upper
165	100		
63	159.3	43.5	65.3#
89	0.0	45.0	67.4#



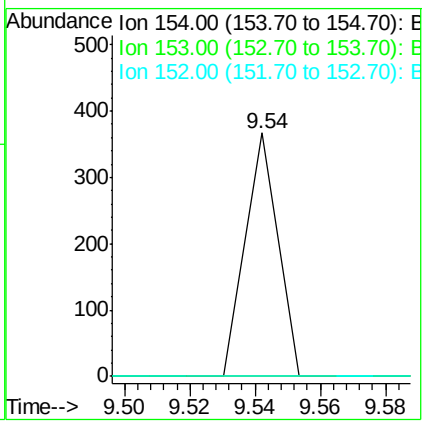


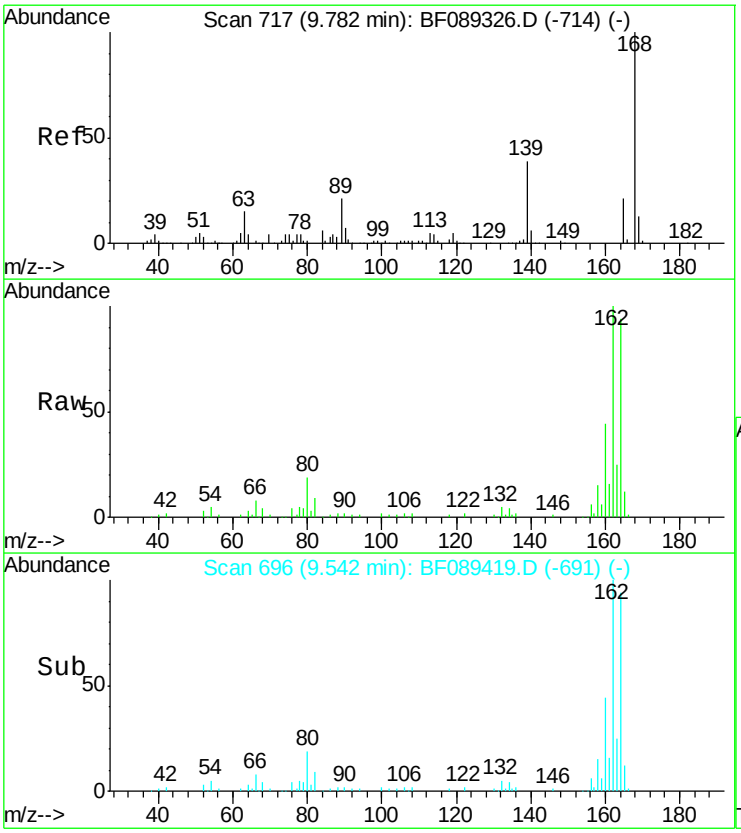
#51
Acenaphthene
Concen: 0.06 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.07 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:154 Resp: 252

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

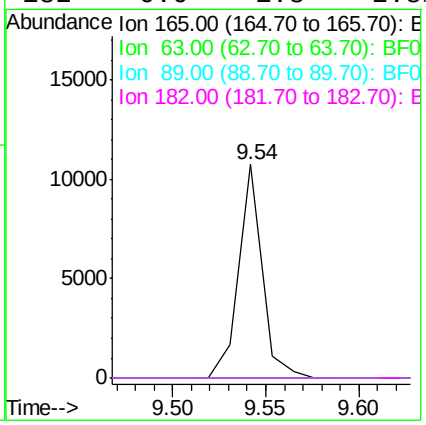


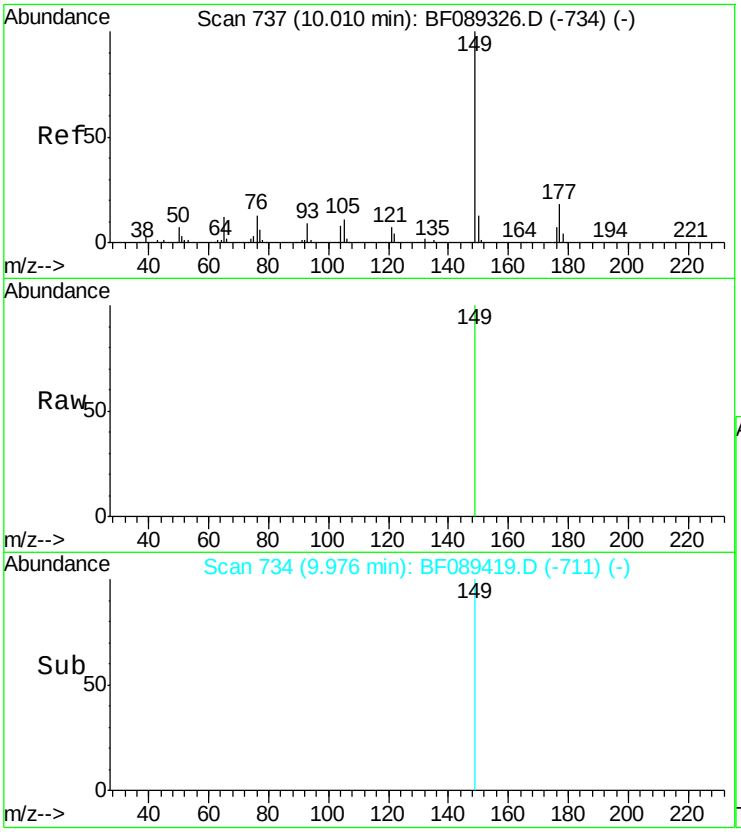


#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.24 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion:165 Resp: 9477

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#



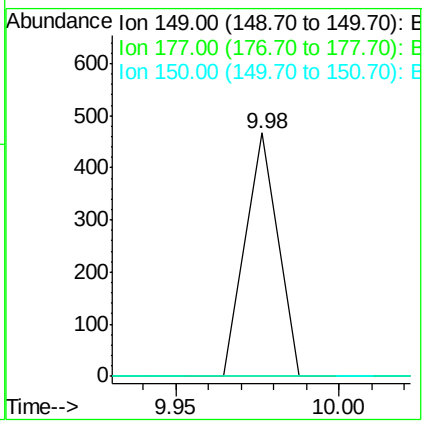


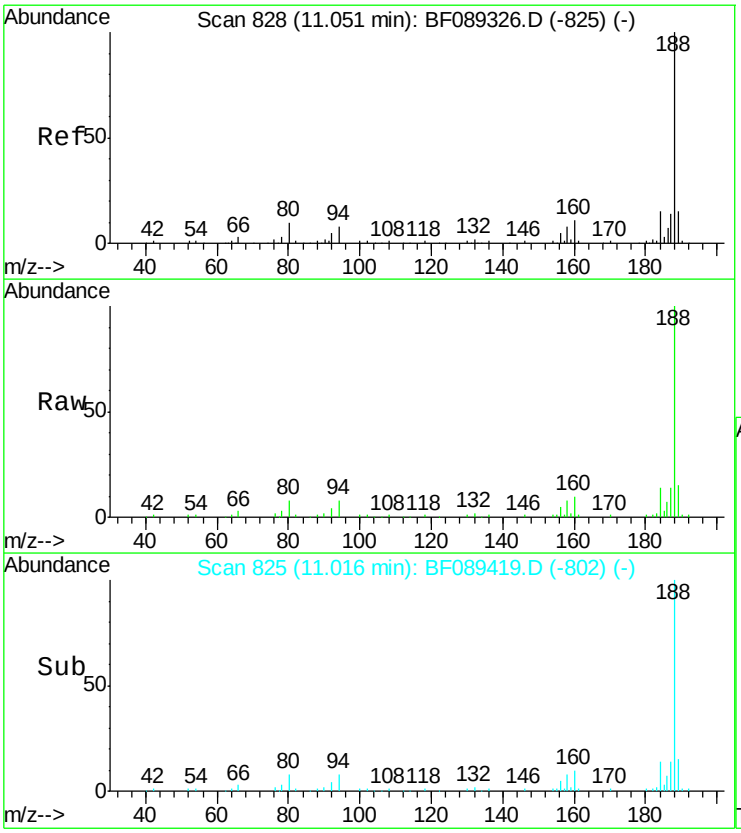
#59
Diethylphthalate
Concen: 0.05 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:149 Resp: 320

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

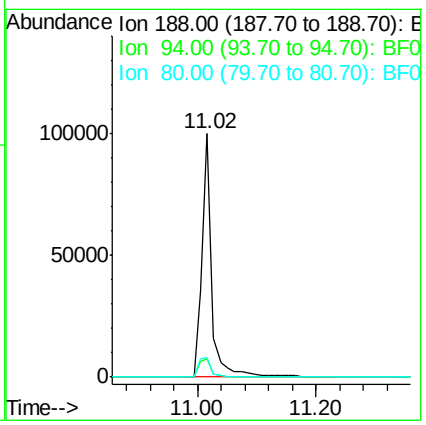


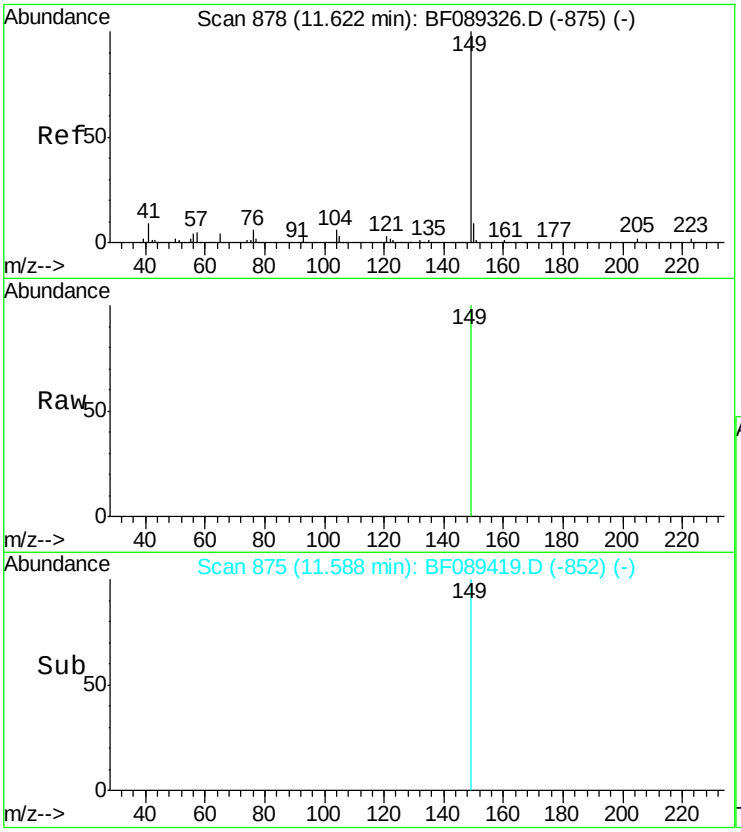


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion:188 Resp: 119938

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.5	9.7
80	8.3	7.2	10.8



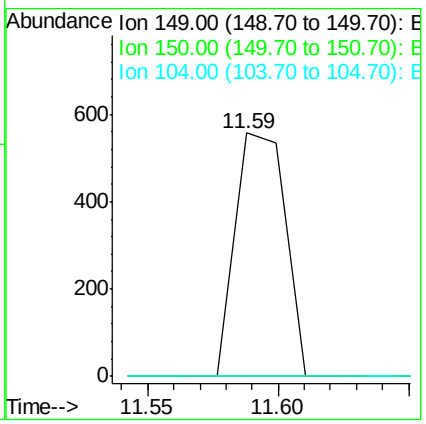


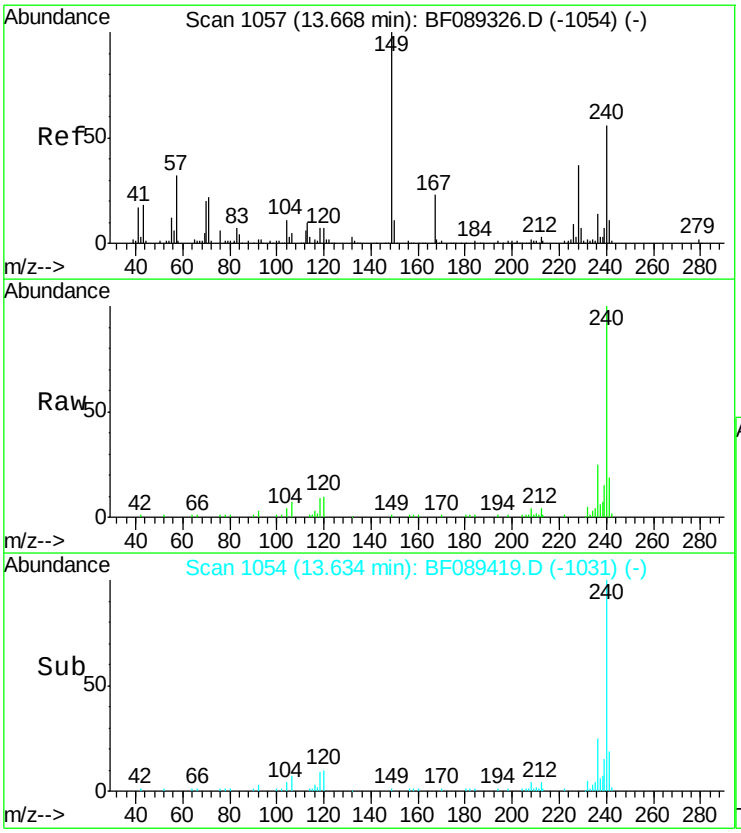
#73
Di-n-butylphthalate
Concen: 0.10 ng
RT: 11.59 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:149 Resp: 749

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

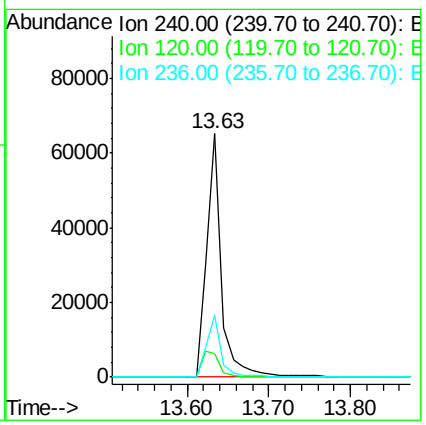


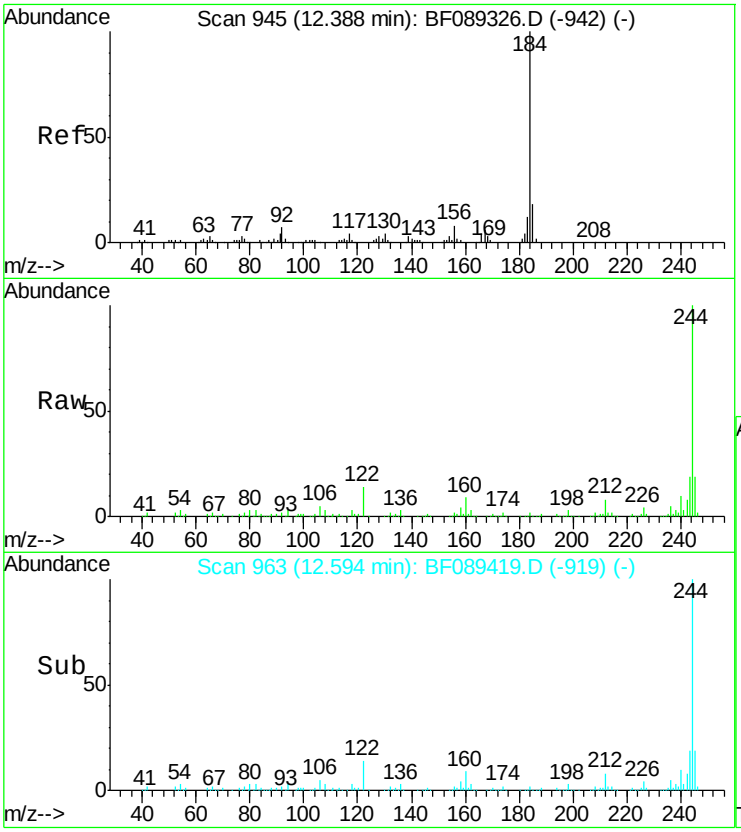


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion:240 Resp: 83733

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.1	13.7
236	25.3	20.6	30.8



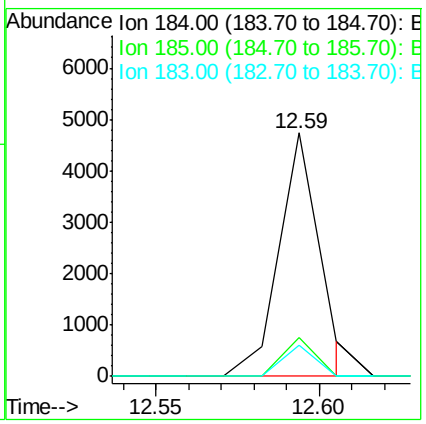


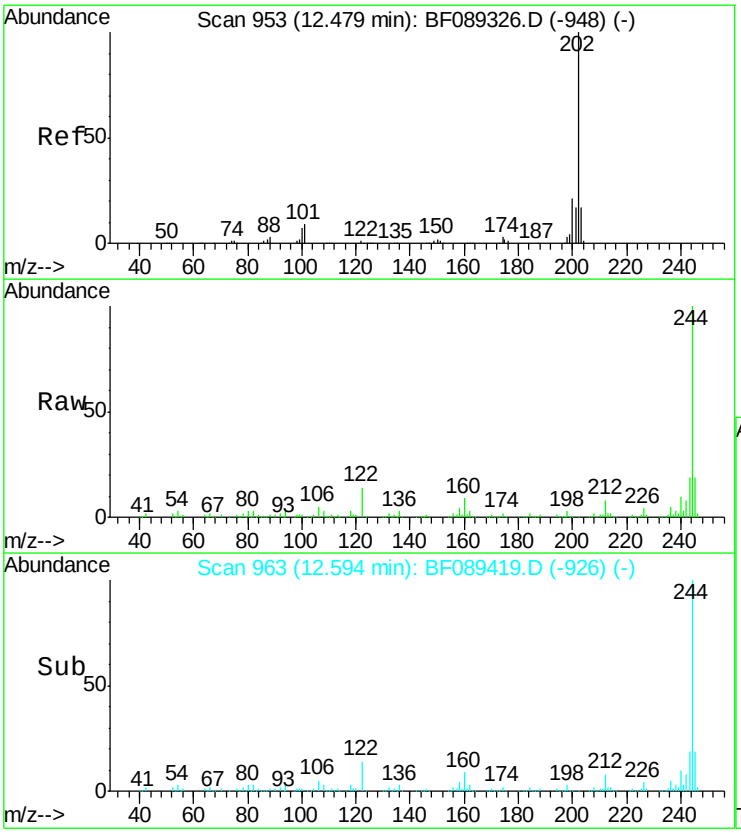
#76
Benzidine
Concen: 1.33 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.21 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:184 Resp: 4119

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.5	20.3
183	12.7	9.8	14.6

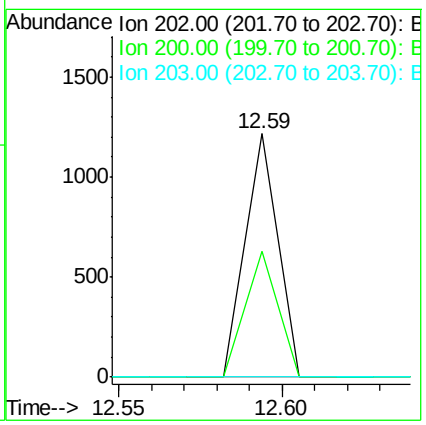


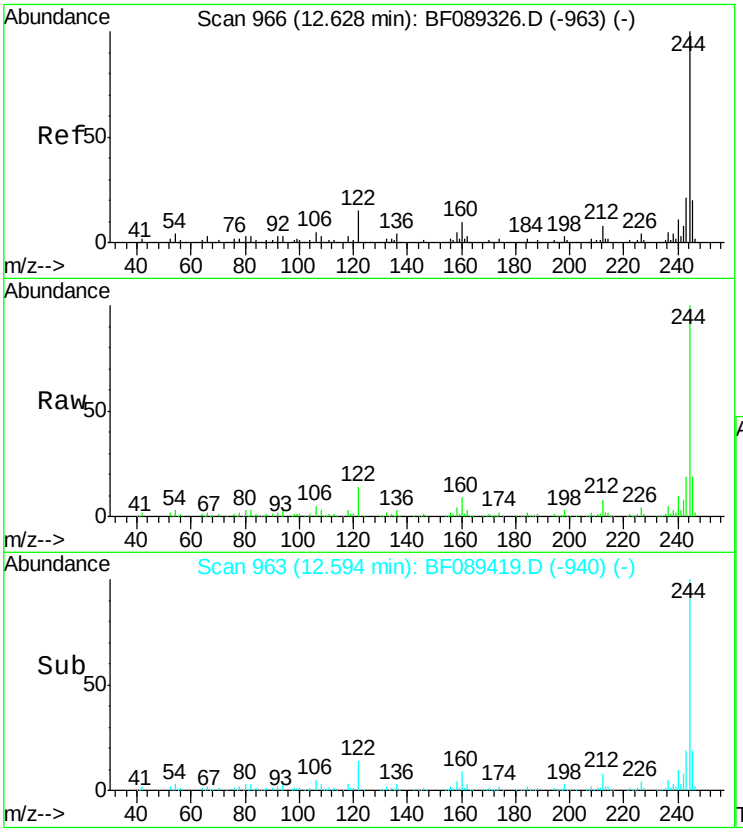


#77
Pyrene
Concen: 0.13 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.13 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion:202 Resp: 835

Ion	Ratio	Lower	Upper
202	100		
200	51.9	16.9	25.3#
203	0.0	14.0	21.0#



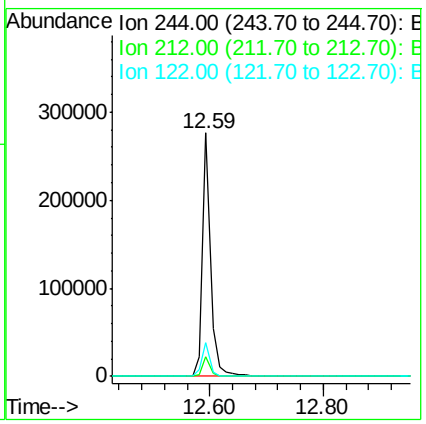


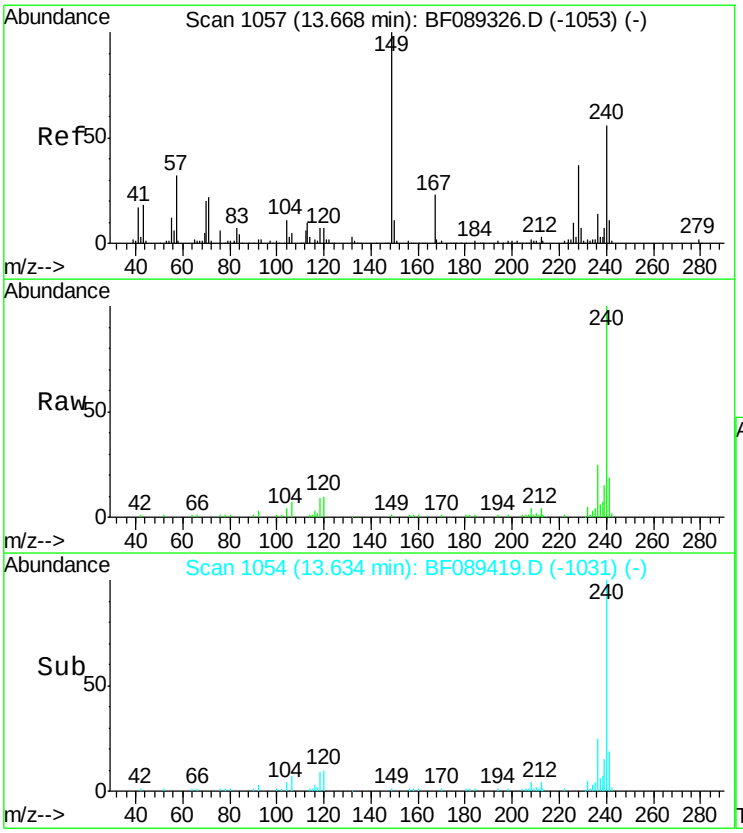
#78
Terphenyl-d14
Concen: 73.10 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:244 Resp: 261527

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	13.9	11.4	17.0

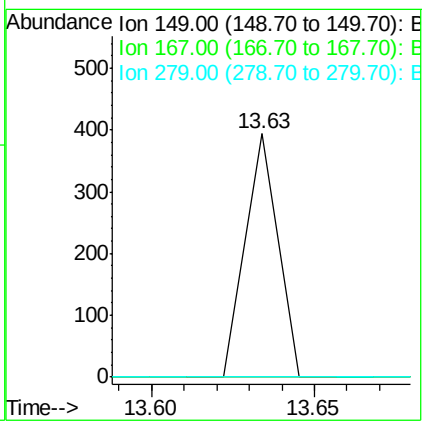


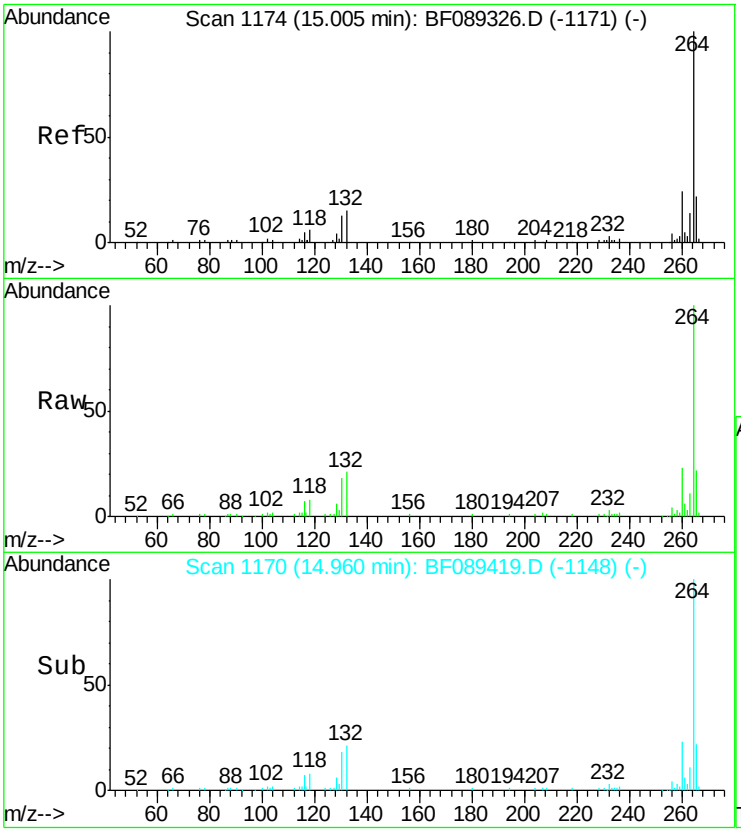


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion:149 Resp: 270

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



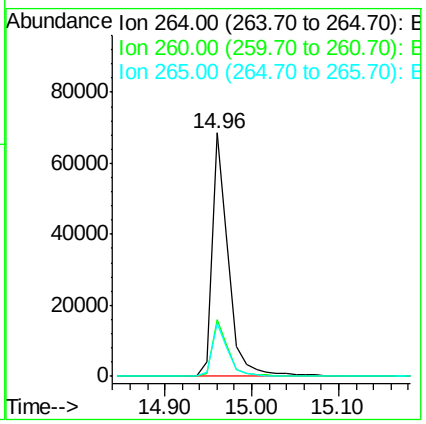


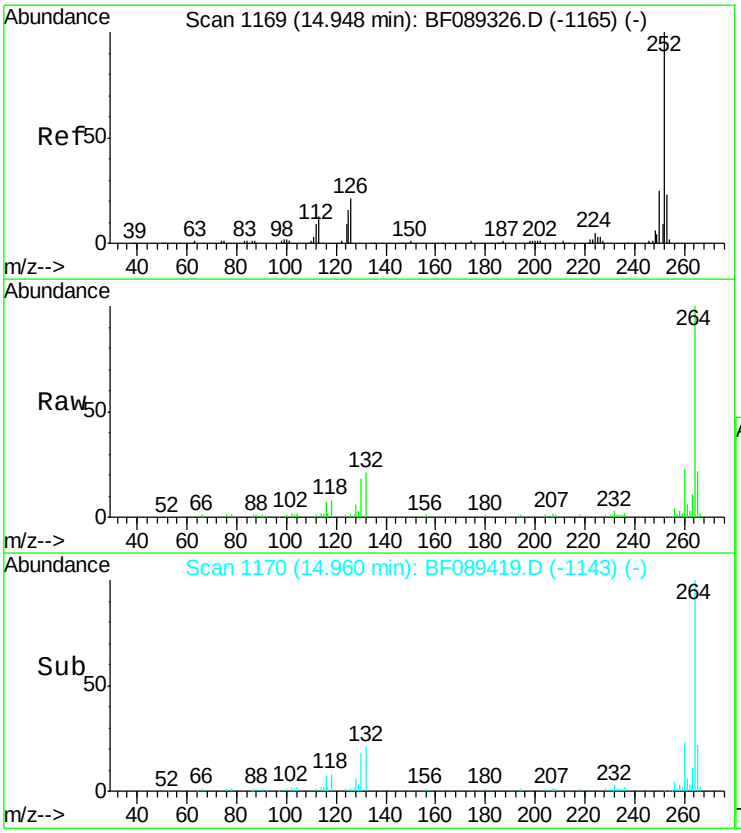
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Instrument :
BNA_F
ClientSampleId :
SB-43-5.5-6.5

Tgt Ion:264 Resp: 89386

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.8	17.5	26.3





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089419.D
Acq: 29 Jul 2016 20:05

Tgt Ion:252 Resp: 228

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	12.4	18.6#