Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089150.D
Acq On : 21 Jul 2016 00:23
Operator : UM/SJ
Sample : H4112-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-03-6.0-8.0

Quant Time: Jul 21 01:41:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50928	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	222098	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	103602	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	204035	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	159580	20.00	ng	-0.01
86) Perylene-d12	15.06	264	128411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	328884	98.22	ng	0.00
7) Phenol-d6	6.26	99	469334	108.69	ng	-0.01
23) Nitrobenzene-d5	7.16	82	253717	60.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	94270	101.07	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	430507	57.25	ng	-0.01
78) Terphenyl-d14	12.68	244	423163	57.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.04	88	228	0.16	ng	# 28
6) Aniline	6.36	93	282	0.05	ng	# 1
9) Benzaldehyde	6.26	77	344	Below Cal		# 1
10) Phenol	6.27	94	3357	0.67	ng	# 1
11) bis(2-Chloroethyl)ether	6.36	93	282	0.08	ng	# 1
15) Benzyl Alcohol	6.75	79	4200	1.33	ng	# 49
19) n-Nitroso-di-n-propylamine	7.16	70	34036	12.05	ng	# 83
24) Nitrobenzene	7.16	77	684	0.16	ng	# 37
45) 1,1'-Biphenyl	8.96	154	470	0.05	ng	# 1
47) 2-Nitroaniline	9.36	65	1003	0.41	ng	# 1
49) Dimethylphthalate	9.36	163	123031	15.48	ng	98
50) 2,6-Dinitrotoluene	9.36	165	970	0.54	ng	# 1
51) Acenaphthene	9.62	154	442	0.07	ng	# 4
56) 2,4-Dinitrotoluene	9.62	165	13160	5.69	ng	# 10
57) Fluorene	10.41	166	4774	0.63	ng	# 92
62) Azobenzene	10.41	77	453	0.05	ng	# 1
65) n-Nitrosodiphenylamine	10.41	169	3712	0.54	ng	# 42
66) 4-Bromophenyl-phenylether	10.41	248	7237	3.58	ng	# 1
73) Di-n-butylphthalate	11.68	149	621	0.05	ng	# 78
74) Fluoranthene	12.31	202	546	0.05	ng	62
77) Pyrene	12.52	202	302	0.02	ng	# 57
80) Benzo(a)anthracene	13.71	228	315	0.03	ng	# 51
82) Chrysene	13.71	228	315	0.03	ng	# 50
83) Bis(2-ethylhexyl)phthalate	13.73	149	422	0.06	ng	# 56
89) Benzo(a)pyrene	15.06	252	309	0.04	ng	# 58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089150.D
Acq On : 21 Jul 2016 00:23
Operator : UM/SJ
Sample : H4112-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Quant Time: Jul 21 01:41:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
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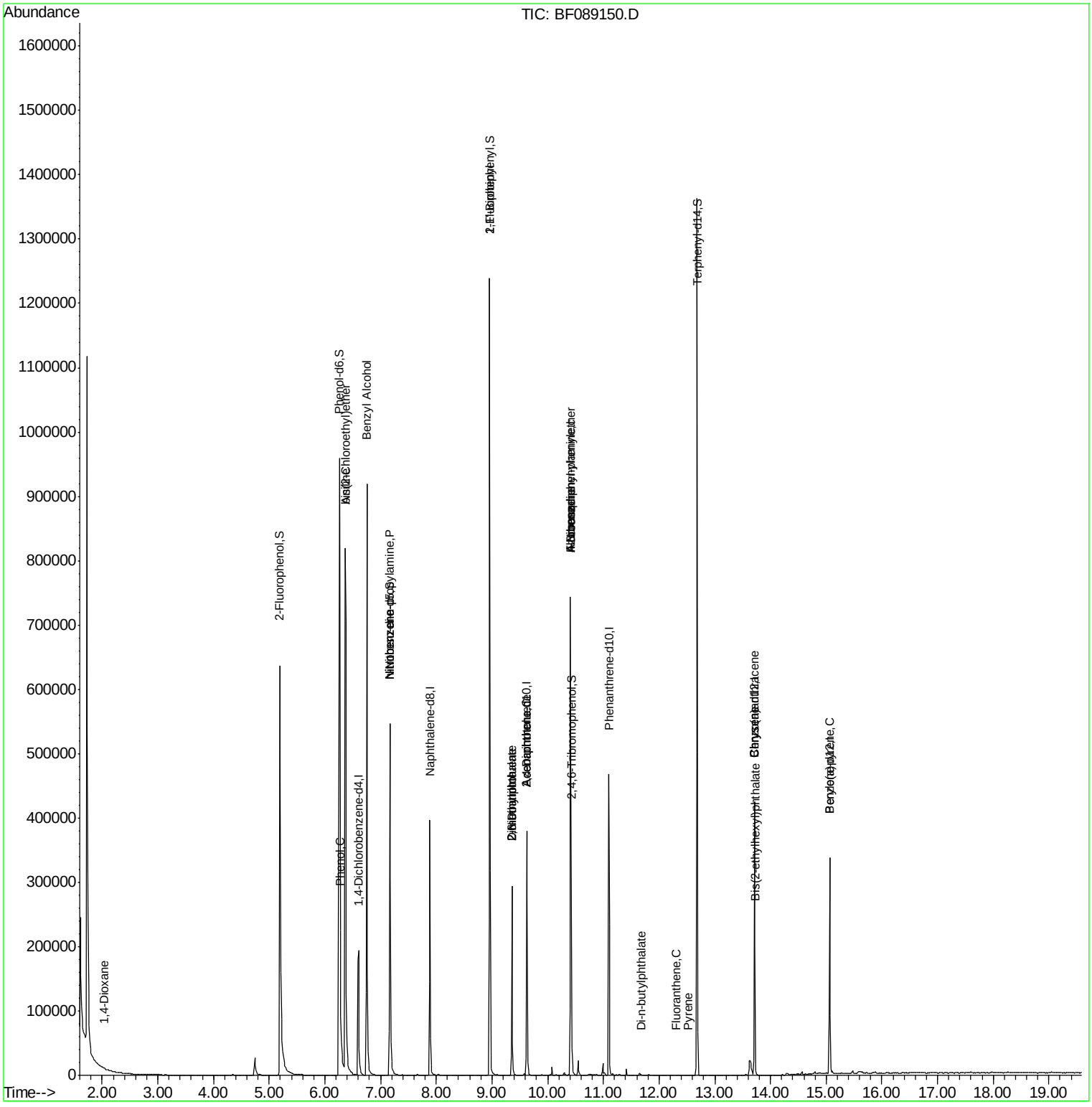
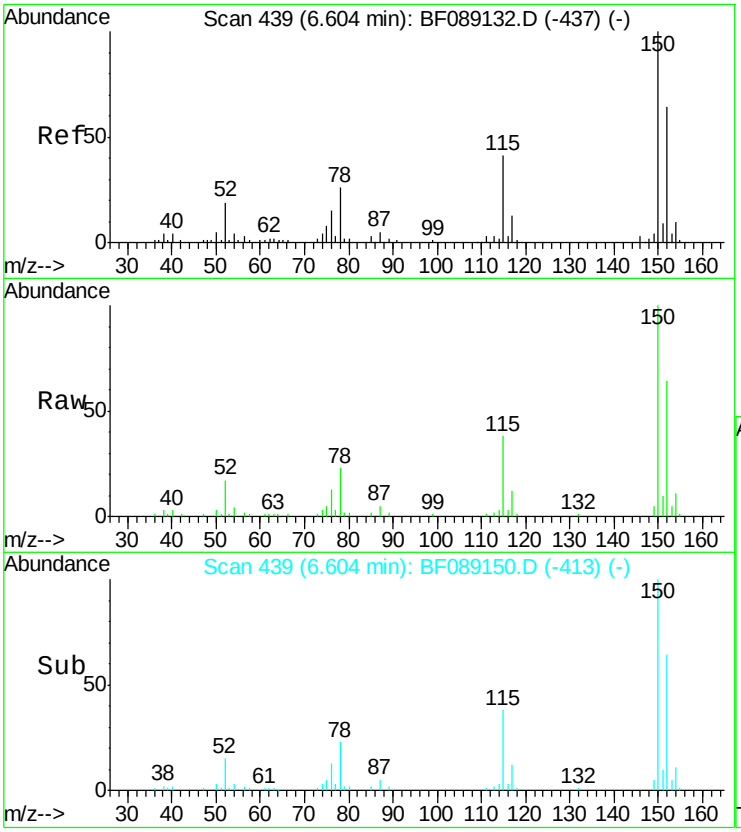


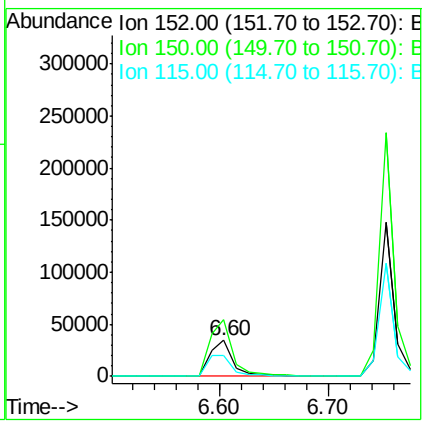


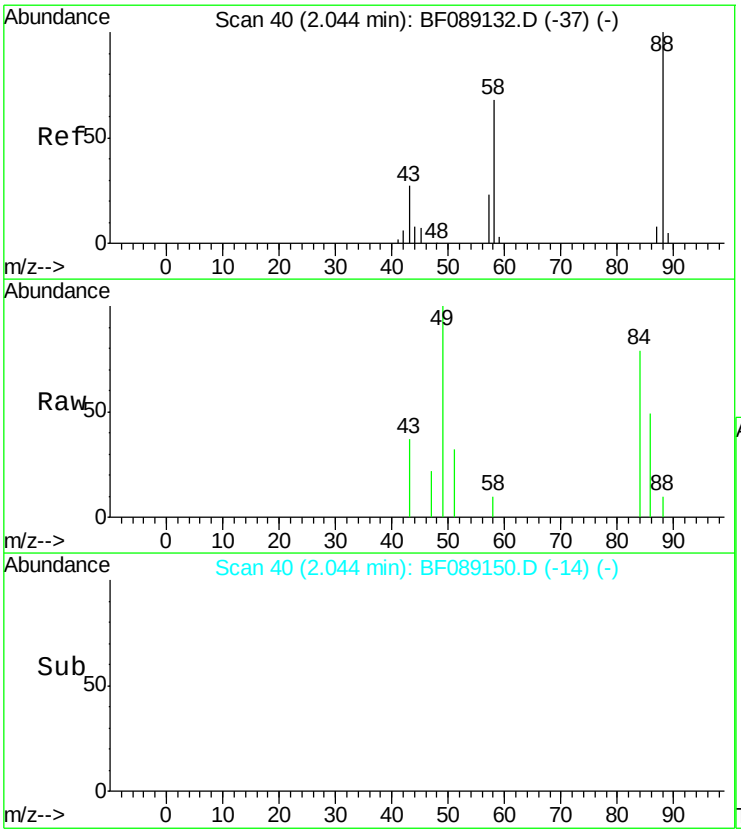
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:152 Resp: 50928

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.1	187.7
115	59.3	51.1	76.7

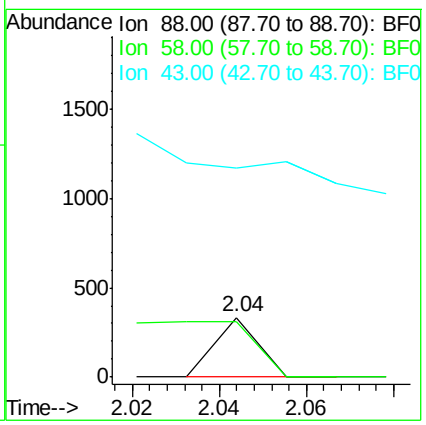


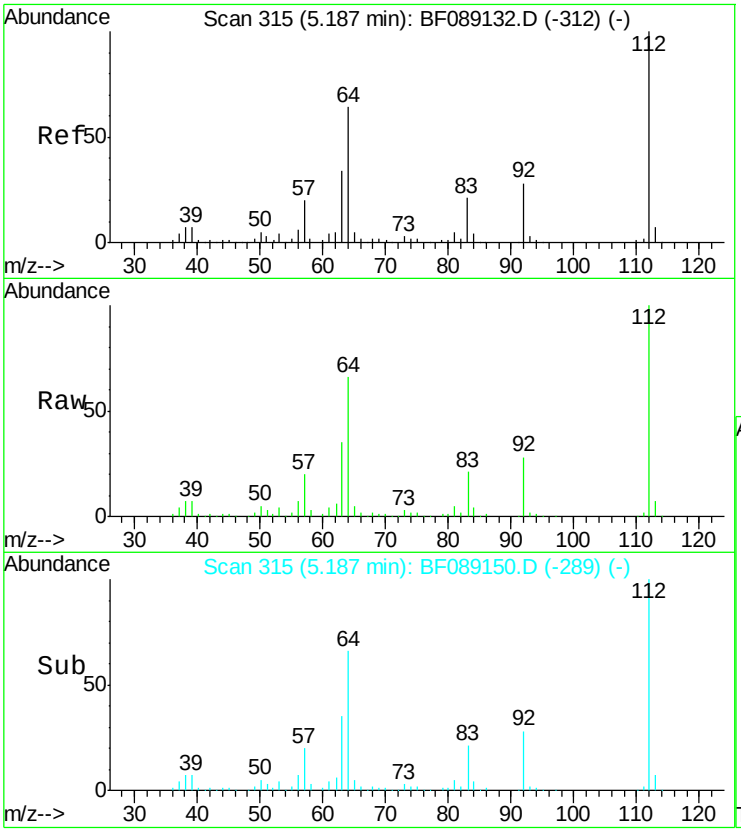


#2
1,4-Dioxane
Concen: 0.16 ng
RT: 2.04 min Scan# 40
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion: 88 Resp: 228

Ion	Ratio	Lower	Upper
88	100		
58	0.0	49.2	73.8#
43	0.0	20.6	30.8#



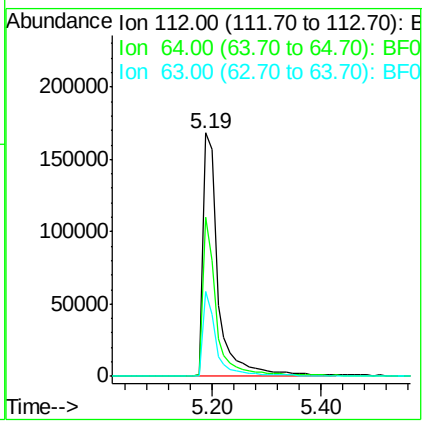


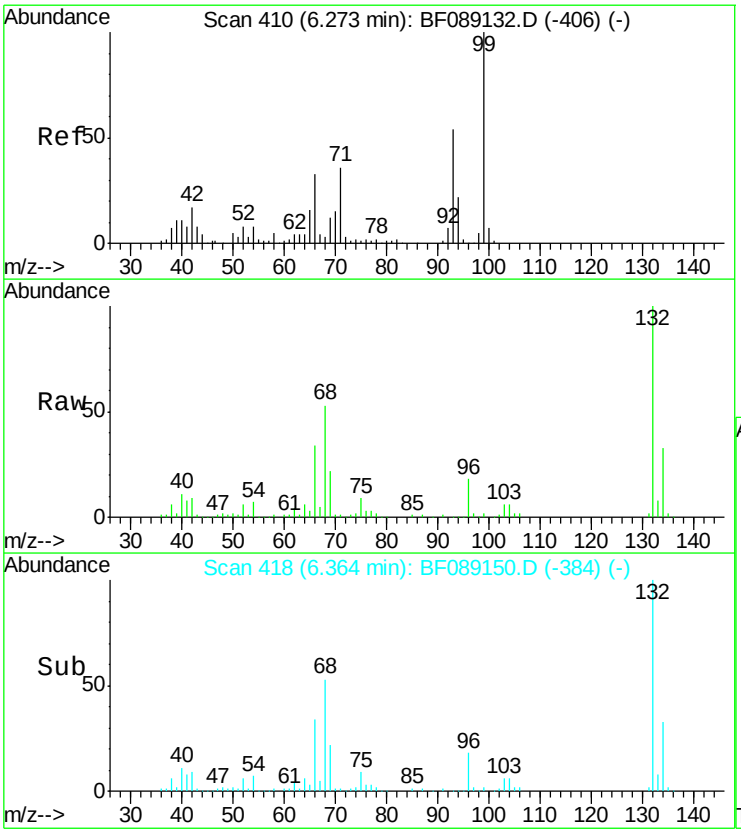
#5
2-Fluorophenol
Concen: 98.22 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:112 Resp: 328884

Ion	Ratio	Lower	Upper
112	100		
64	65.6	51.0	76.4
63	34.8	27.3	40.9

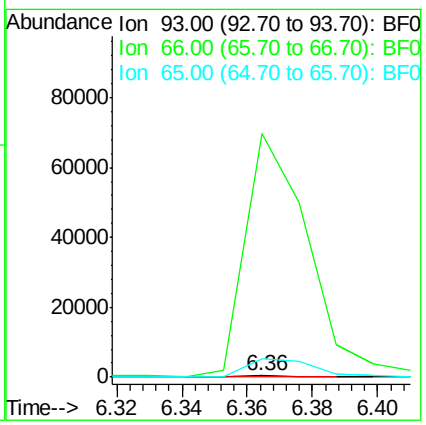


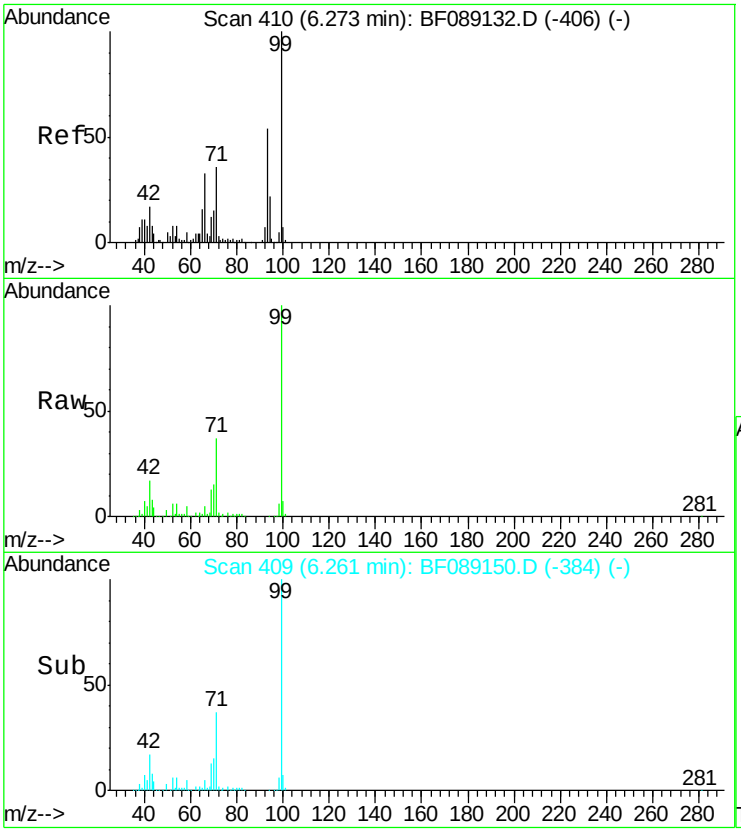


#6
Aniline
Concen: 0.05 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.09 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion: 93 Resp: 282

Ion	Ratio	Lower	Upper
93	100		
66	16959.6	48.9	73.3#
65	1294.6	23.9	35.9#



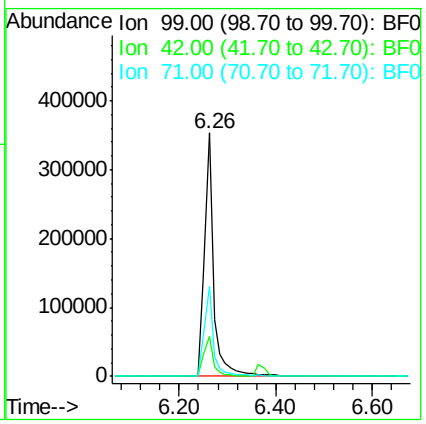


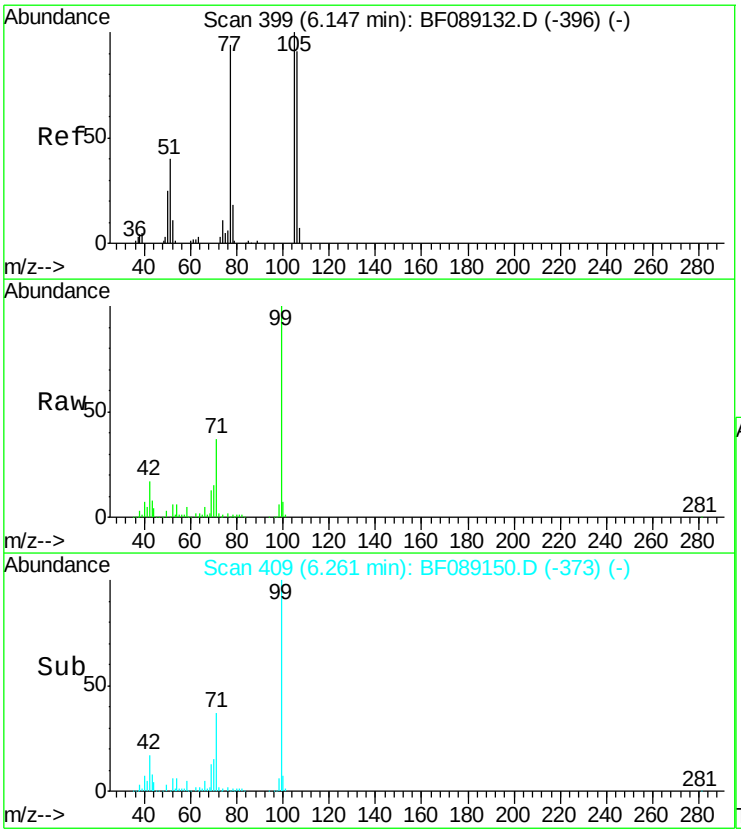
#7
Phenol-d6
Concen: 108.69 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion: 99 Resp: 469334

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	36.8	28.9	43.3

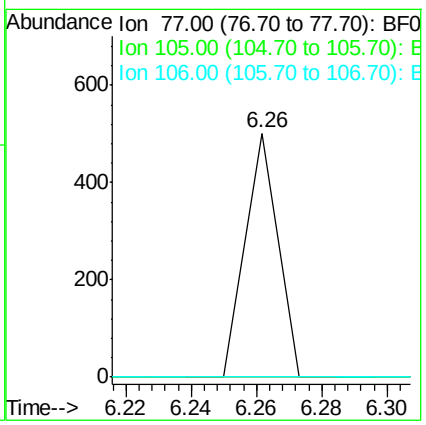


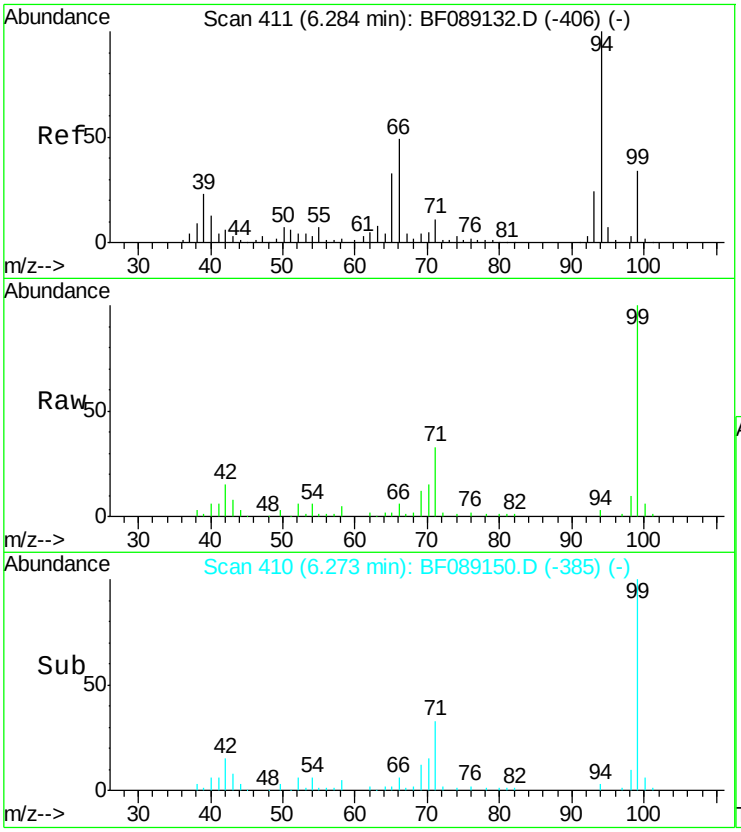


#9
Benzaldehyde
Concen: Below Cal
RT: 6.26 min Scan# 409
Delta R.T. 0.11 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion: 77 Resp: 344

Ion	Ratio	Lower	Upper
77	100		
105	0.0	86.2	126.2#
106	0.0	76.3	116.3#



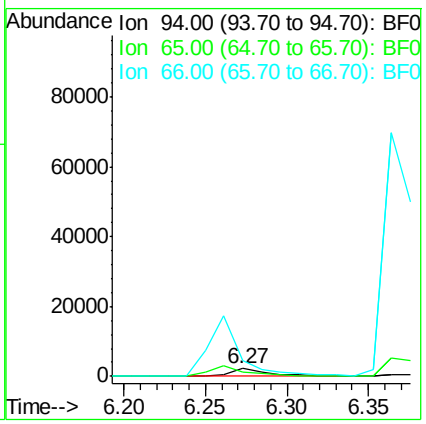


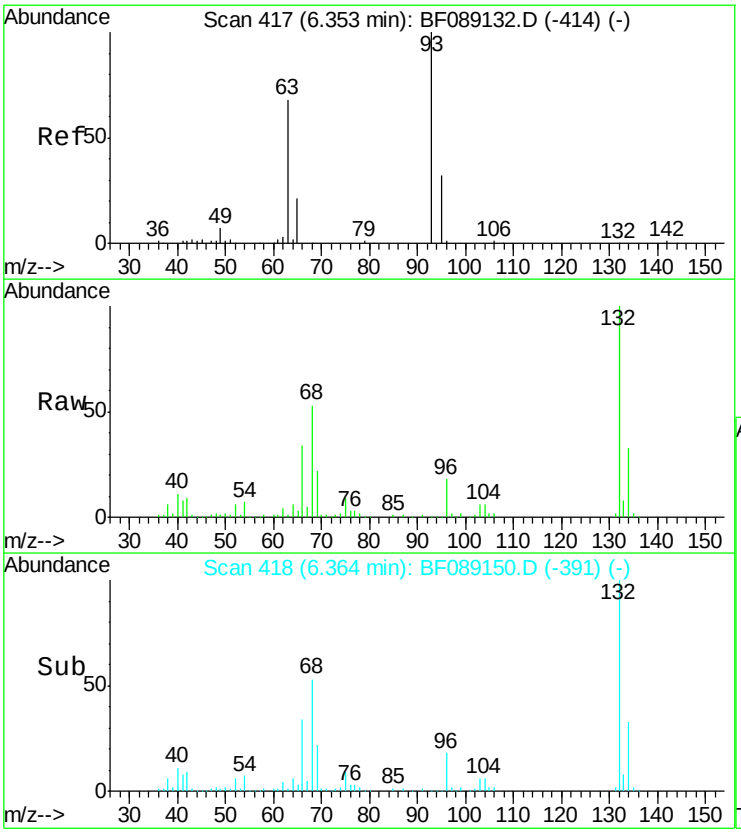
#10
Phenol
Concen: 0.67 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion: 94 Resp: 3357

Ion	Ratio	Lower	Upper
94	100		
65	59.9	13.3	53.3#
66	216.2	29.3	69.3#

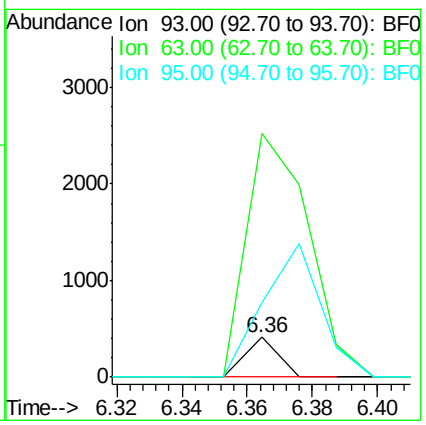


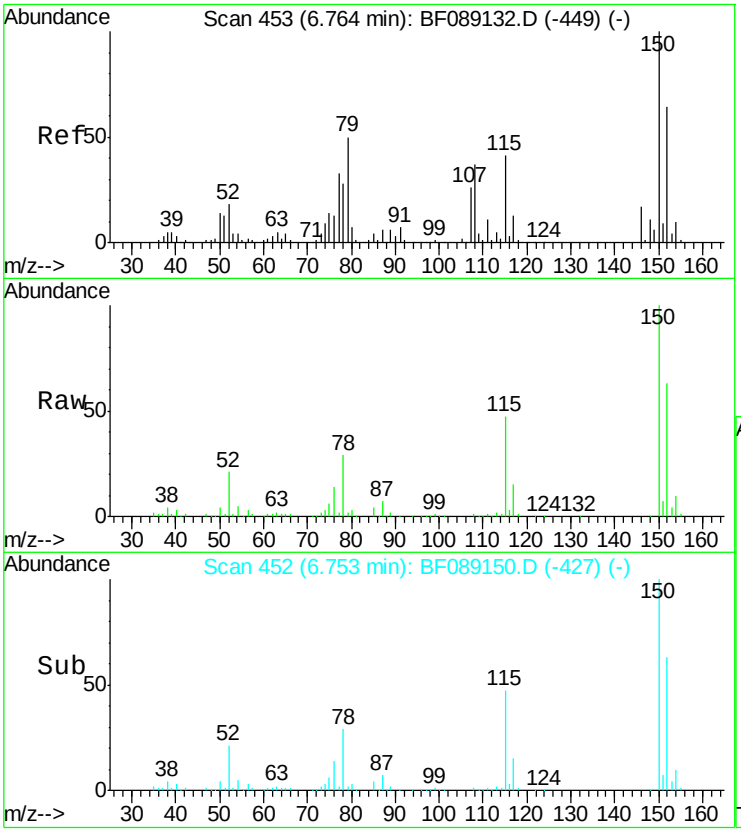


#11
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion: 93 Resp: 282

Ion	Ratio	Lower	Upper
93	100		
63	613.6	47.3	87.3#
95	188.8	11.8	51.8#



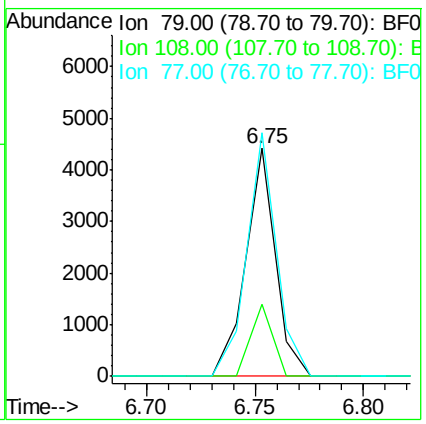


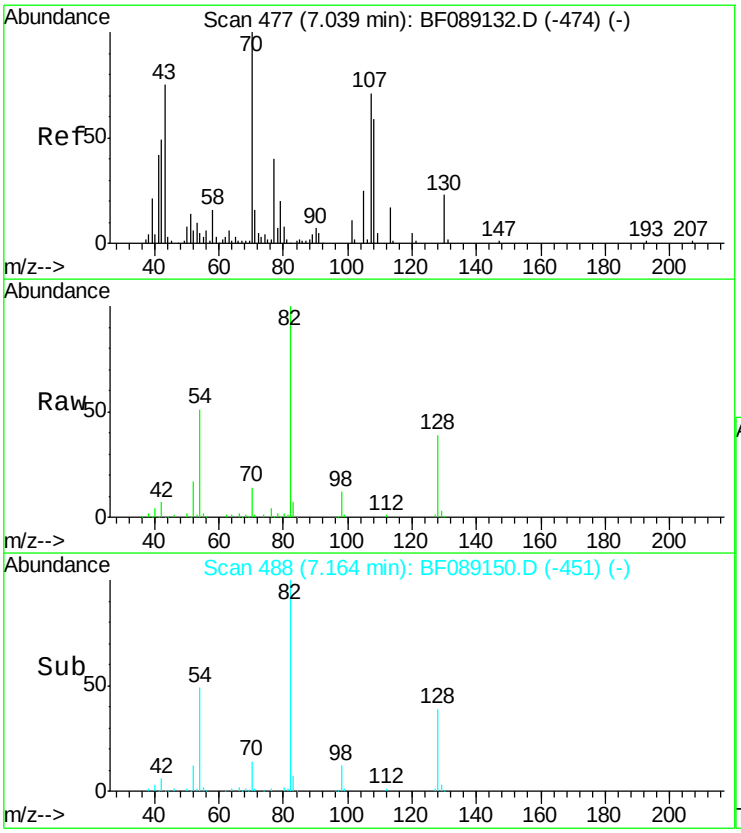
#15
Benzyl Alcohol
Concen: 1.33 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion: 79 Resp: 4200

Ion	Ratio	Lower	Upper
79	100		
108	31.7	58.2	87.4#
77	106.9	52.2	78.4#

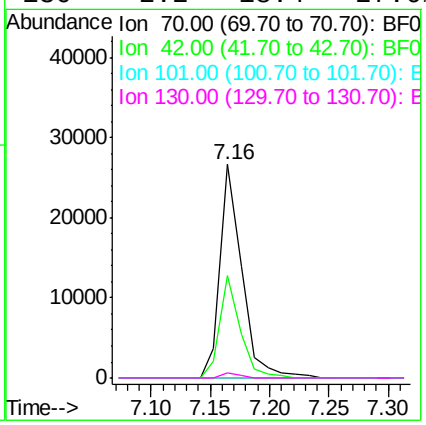


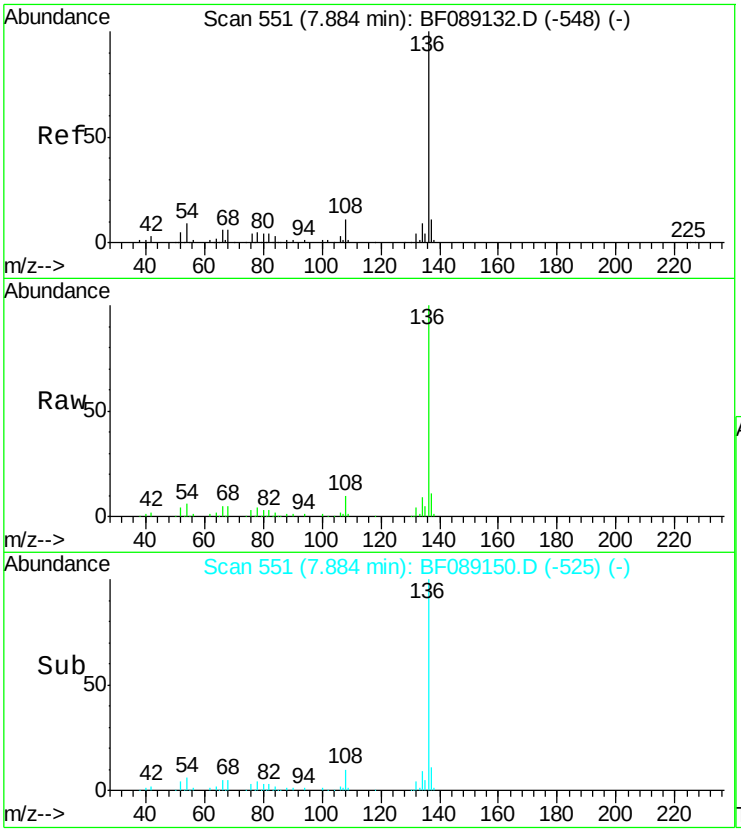


#19
n-Nitroso-di-n-propylamine
Concen: 12.05 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion: 70 Resp: 34036

Ion	Ratio	Lower	Upper
70	100		
42	47.8	39.2	58.8
101	0.0	8.5	12.7#
130	2.2	18.4	27.6#



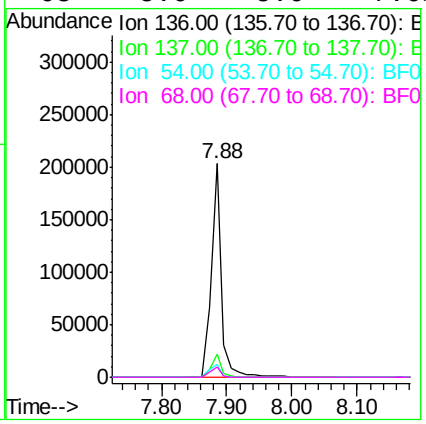


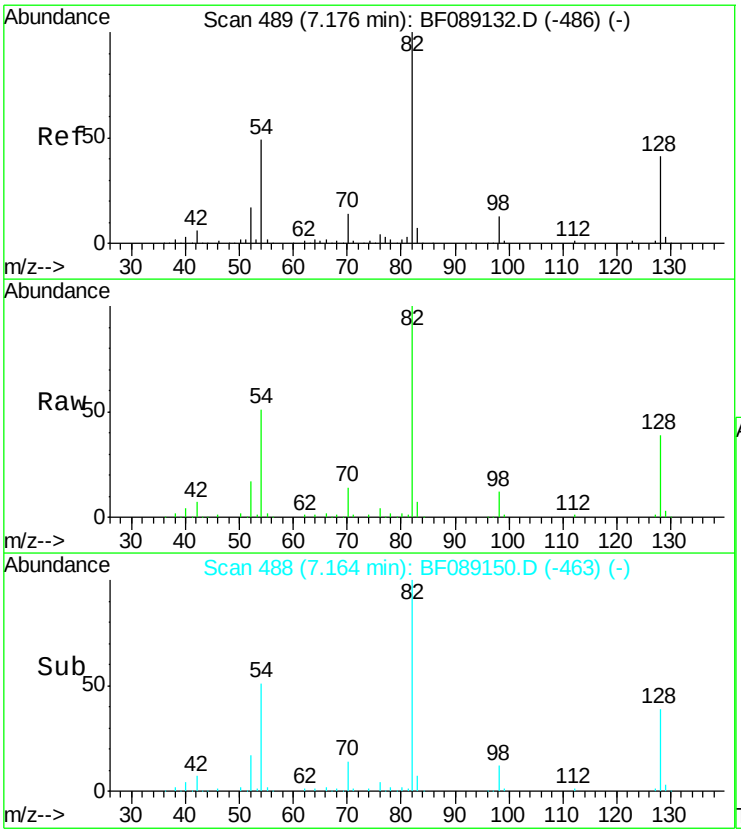
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:136 Resp: 222098

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.1	7.0	10.4#
68	5.0	5.0	7.6#

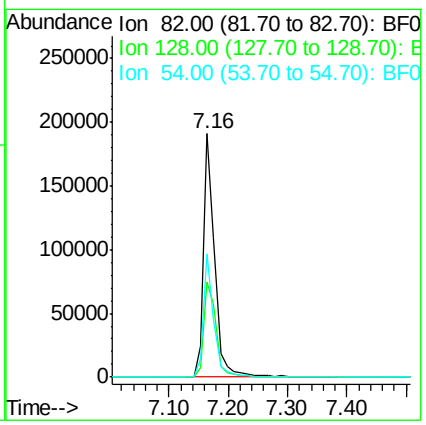


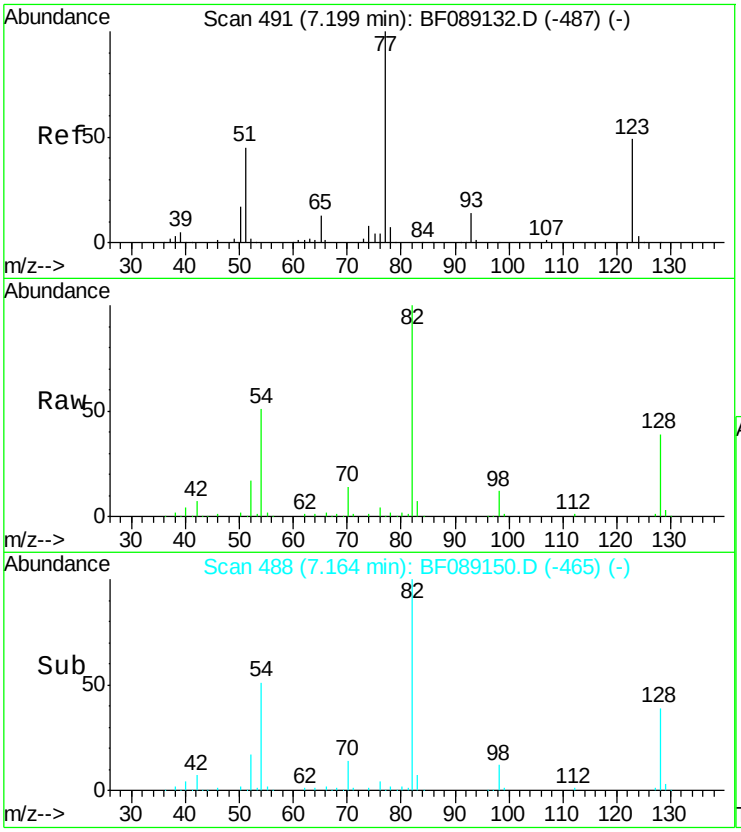


#23
Nitrobenzene-d5
Concen: 60.70 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion: 82 Resp: 253717

Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.0	49.6
54	50.6	39.0	58.4



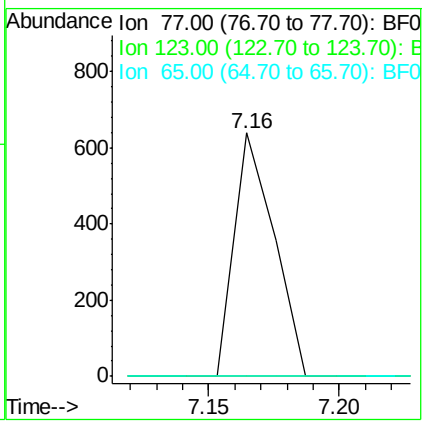


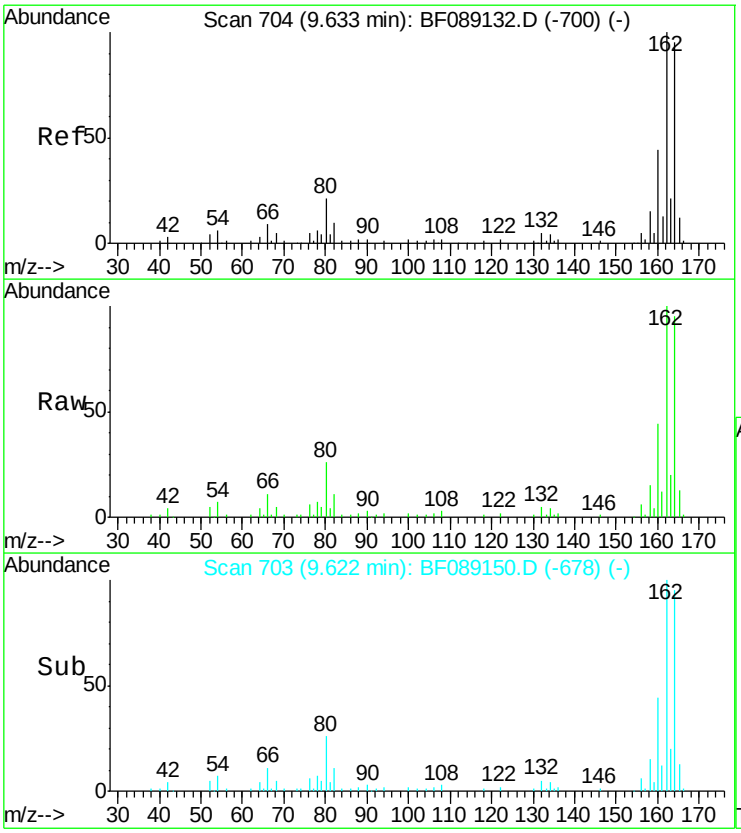
#24
Nitrobenzene
Concen: 0.16 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion: 77 Resp: 684

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.9	58.3#
65	0.0	10.6	15.8#

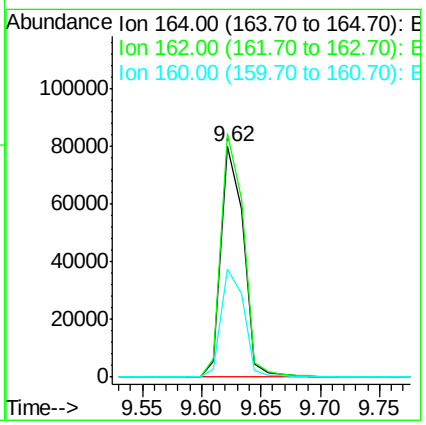


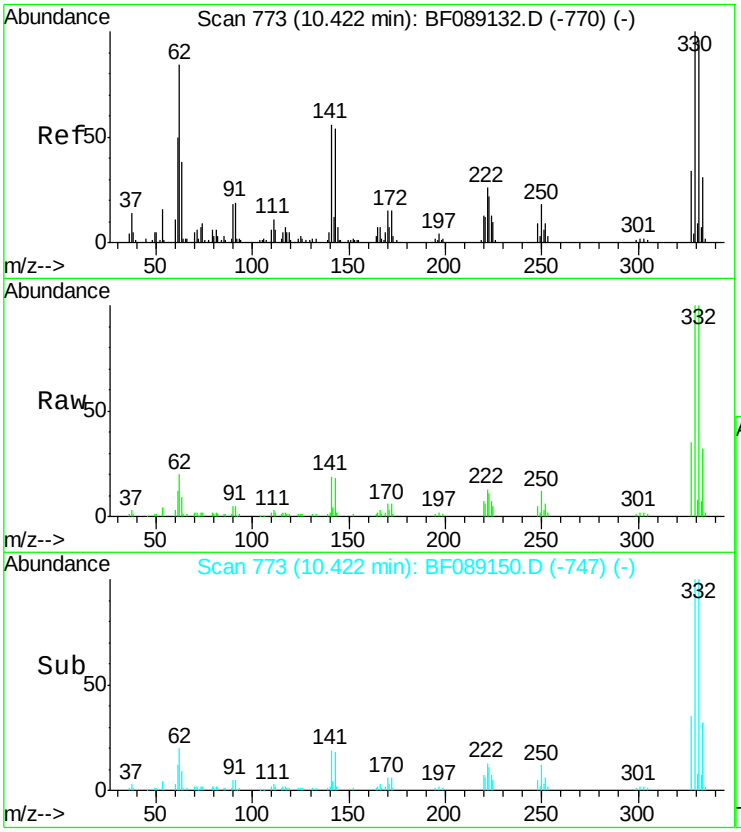


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:164 Resp: 103602

Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.1	126.1
160	46.9	37.1	55.7



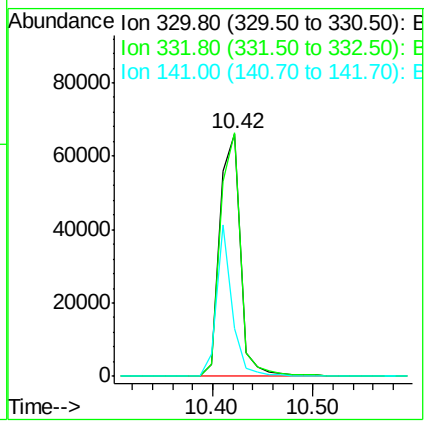


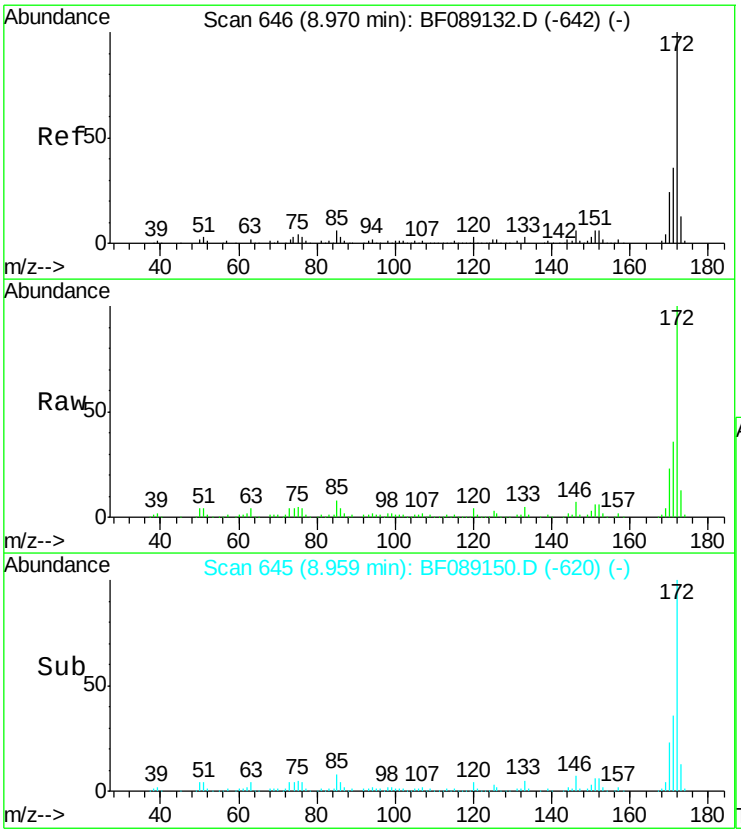
#41
2,4,6-Tribromophenol
Concen: 101.07 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:330 Resp: 94270

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.2	115.8
141	47.1	42.2	63.2

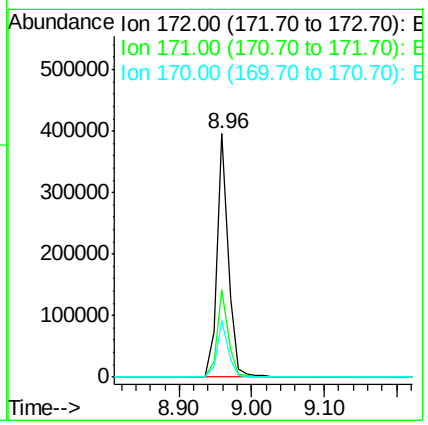


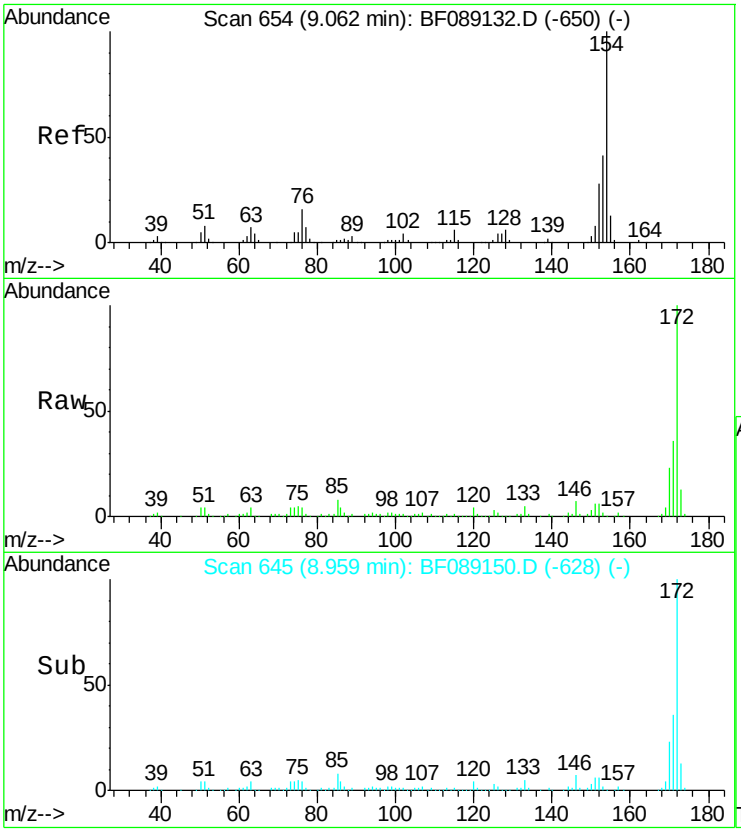


#44
2-Fluorobiphenyl
Concen: 57.25 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:172 Resp: 430507

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.3	19.1	28.7



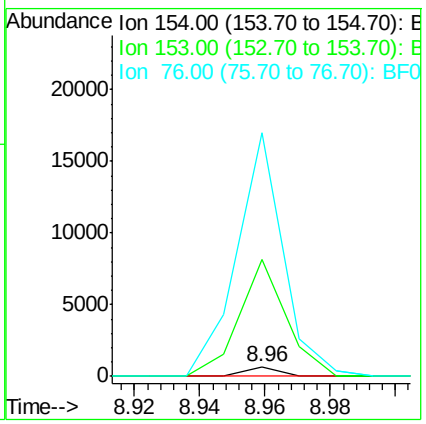


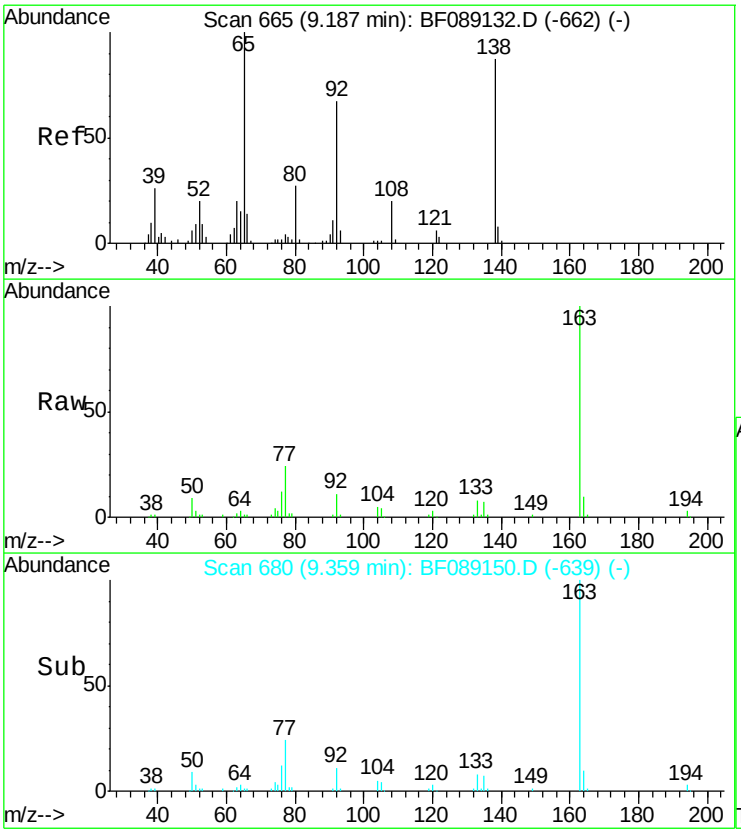
#45
1,1'-Biphenyl
Concen: 0.05 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.10 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:154 Resp: 470

Ion	Ratio	Lower	Upper
154	100		
153	1189.9	21.1	61.1#
76	2480.6	0.0	35.8#

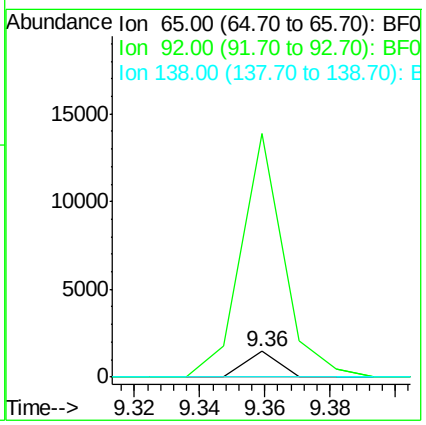


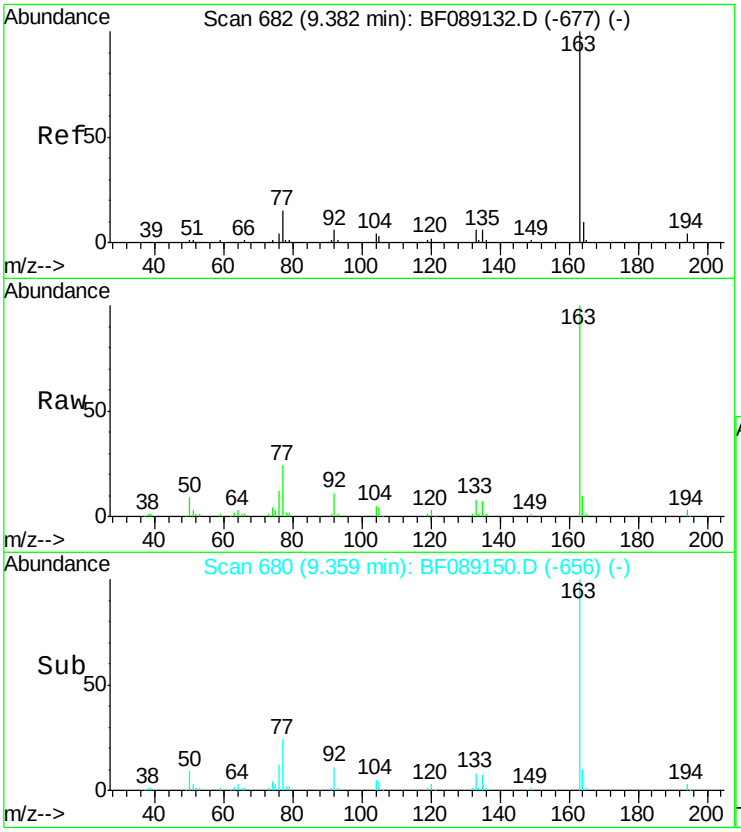


#47
2-Nitroaniline
Concen: 0.41 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.17 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion: 65 Resp: 1003

Ion	Ratio	Lower	Upper
65	100		
92	948.4	53.2	79.8#
138	0.0	69.4	104.2#



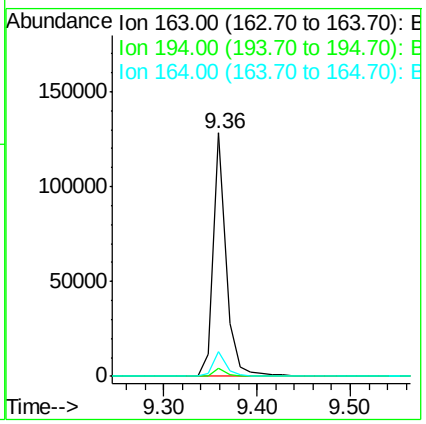


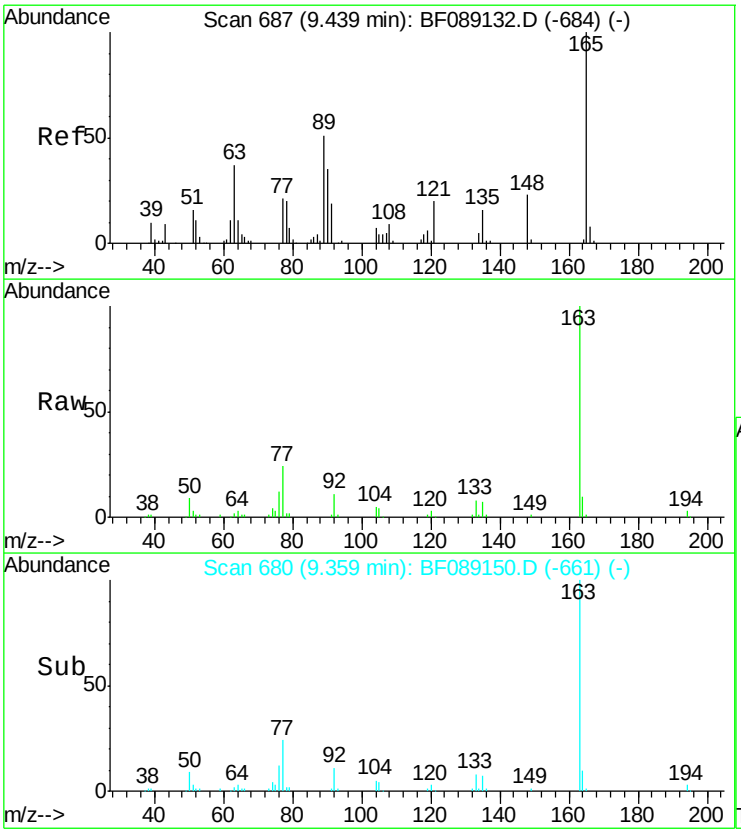
#49
Dimethylphthalate
Concen: 15.48 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:163 Resp: 123031

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.1	7.6	11.4

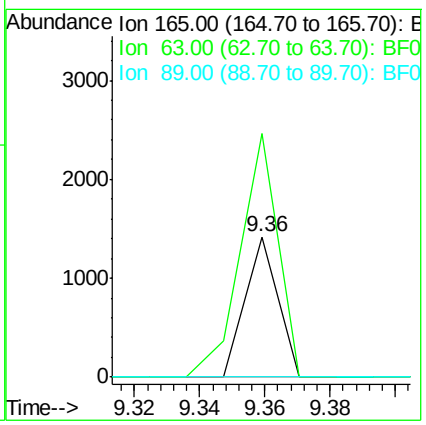


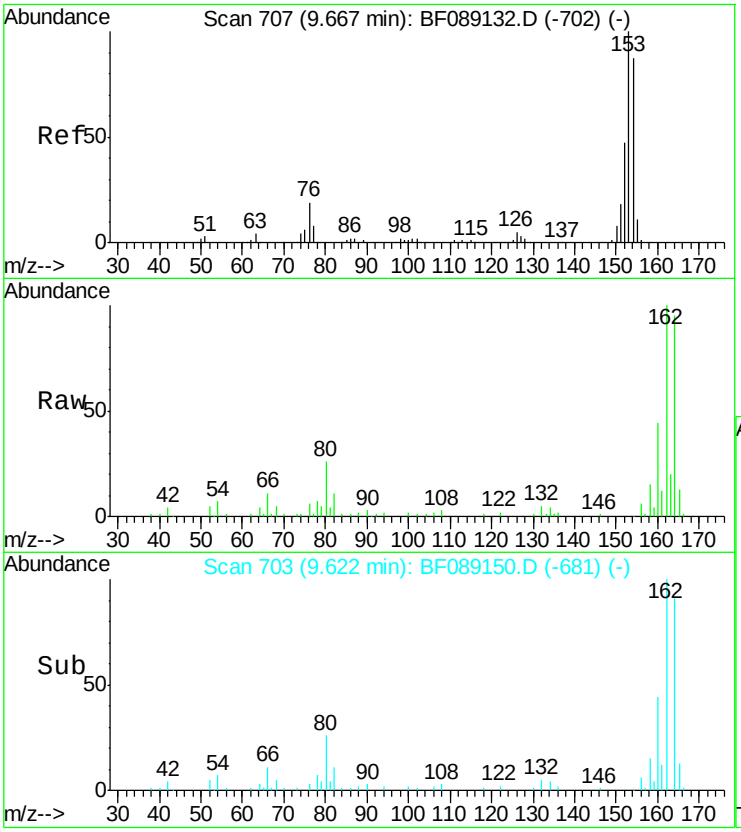


#50
2,6-Dinitrotoluene
Concen: 0.54 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.08 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:165 Resp: 970

Ion	Ratio	Lower	Upper
165	100		
63	174.0	37.0	55.4#
89	0.0	40.9	61.3#



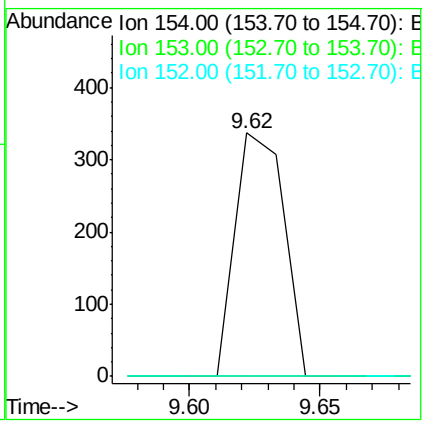


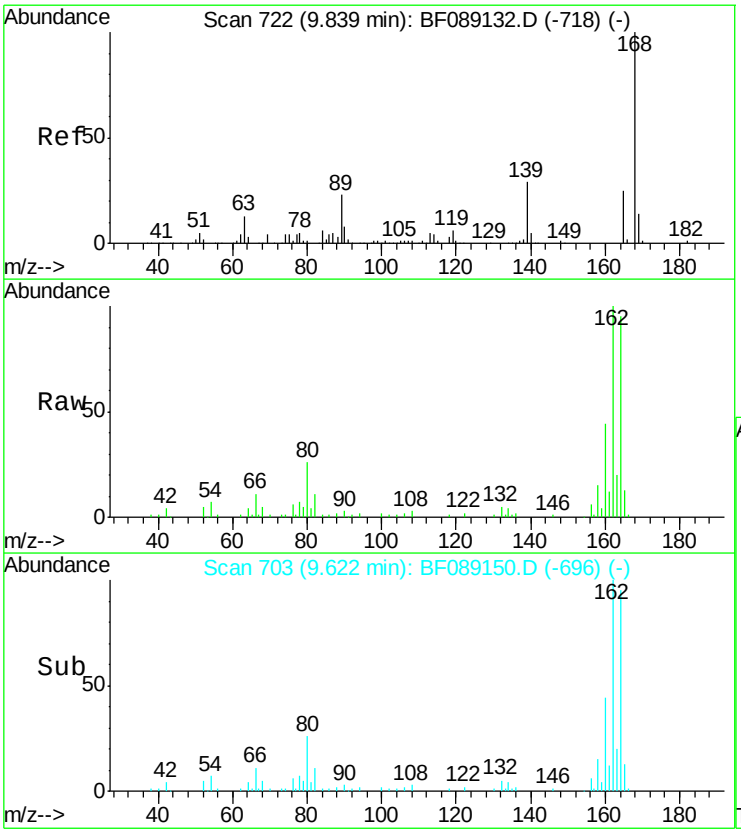
#51
Acenaphthene
Concen: 0.07 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.05 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:154 Resp: 442

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.9	137.9#
152	0.0	42.8	64.2#

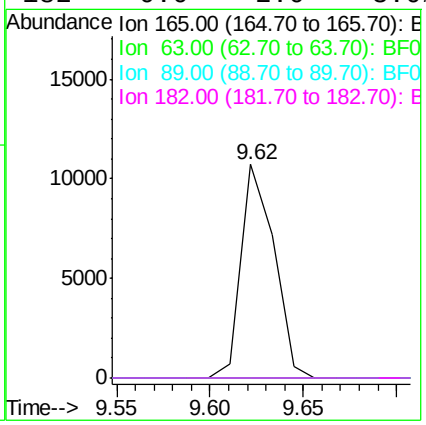


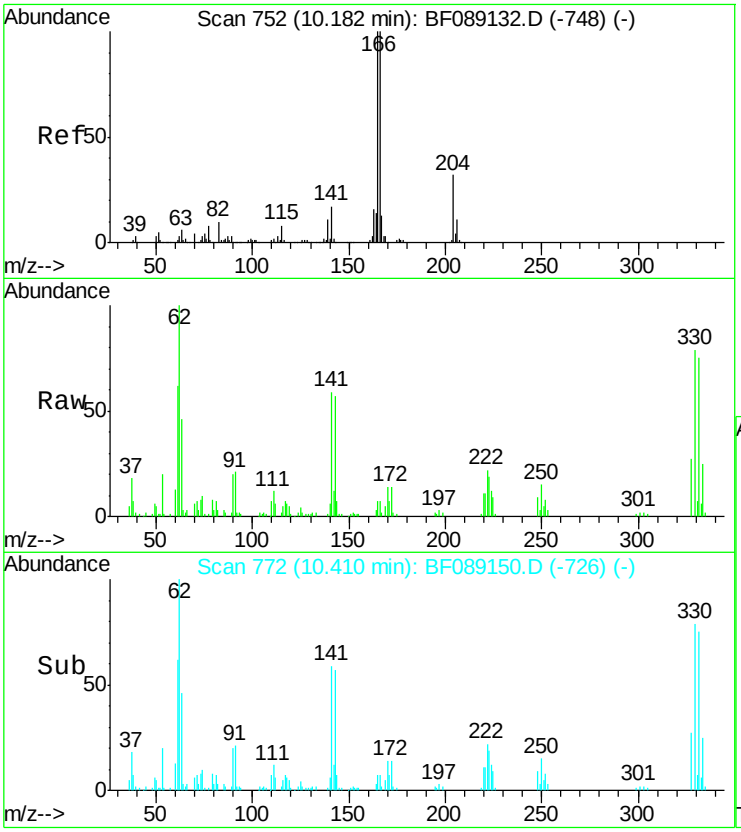


#56
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.22 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:165 Resp: 13160

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#



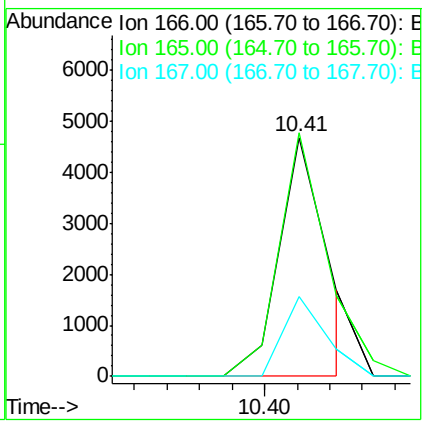


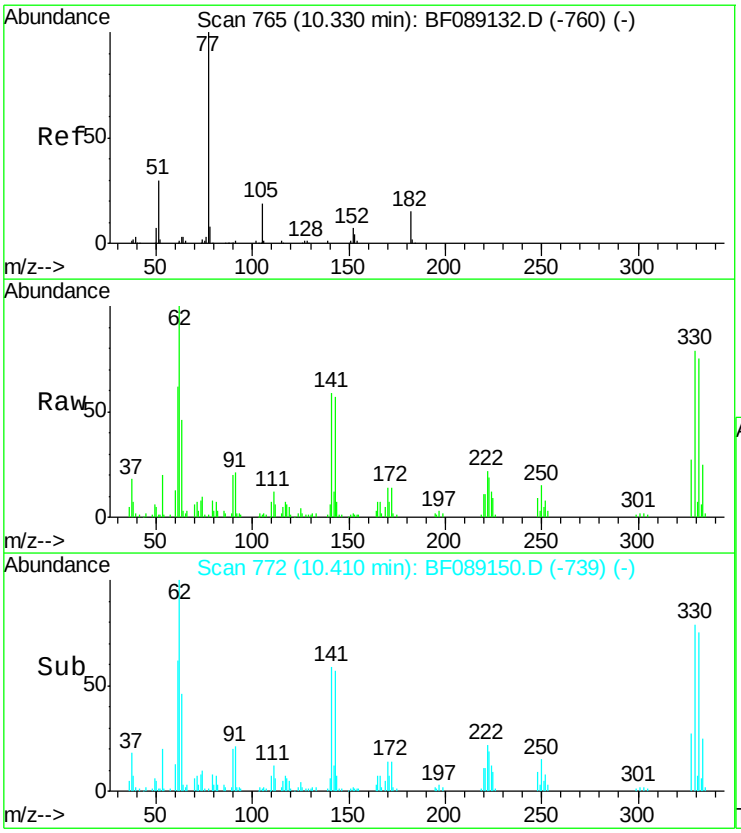
#57
Fluorene
Concen: 0.63 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.23 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:166 Resp: 4774

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.9	119.9
167	33.6	10.7	16.1#

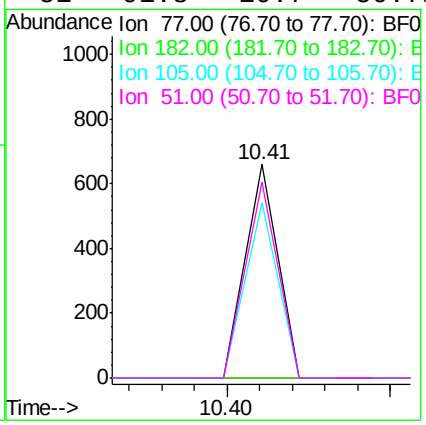


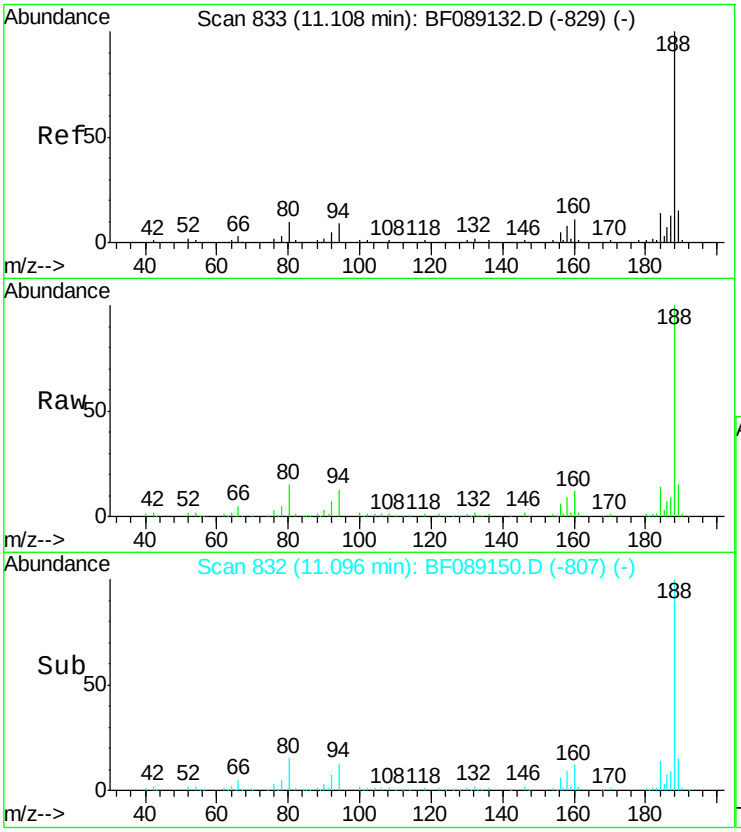


#62
Azobenzene
Concen: 0.05 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.08 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion: 77 Resp: 453

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	35.0
105	81.8	0.0	39.4#
51	91.8	10.7	50.7#



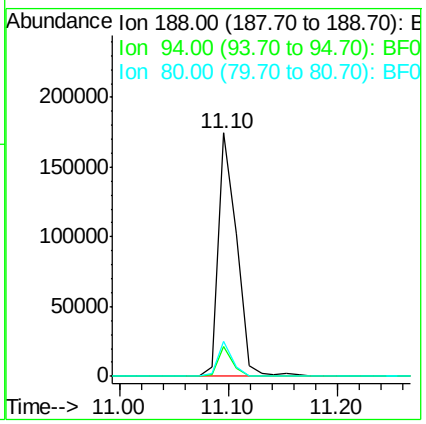


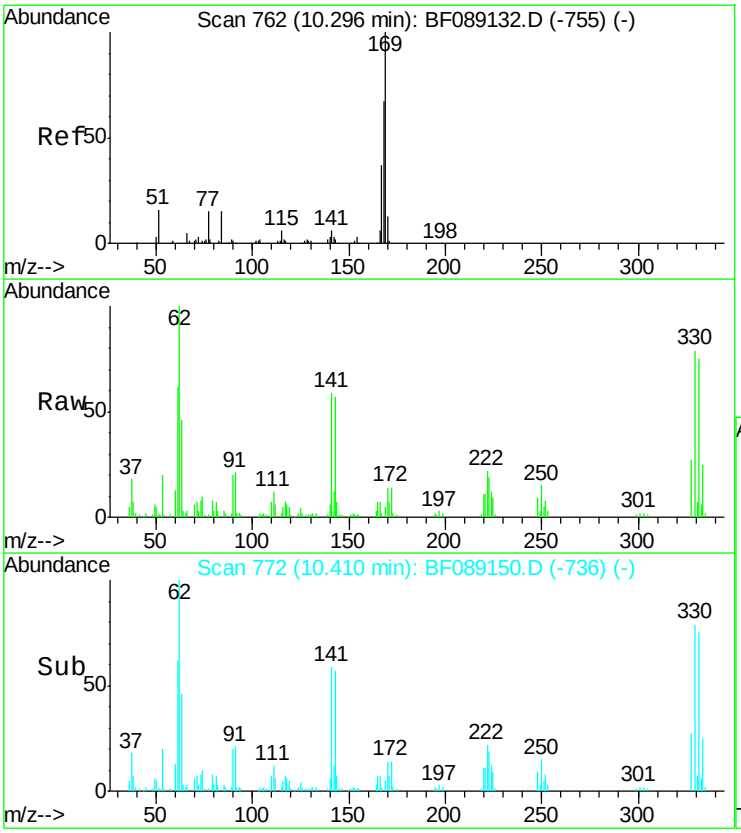
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:188 Resp: 204035

Ion	Ratio	Lower	Upper
188	100		
94	12.5	7.0	10.4#
80	14.5	7.7	11.5#

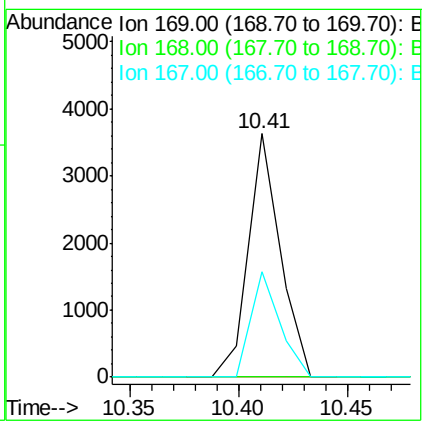


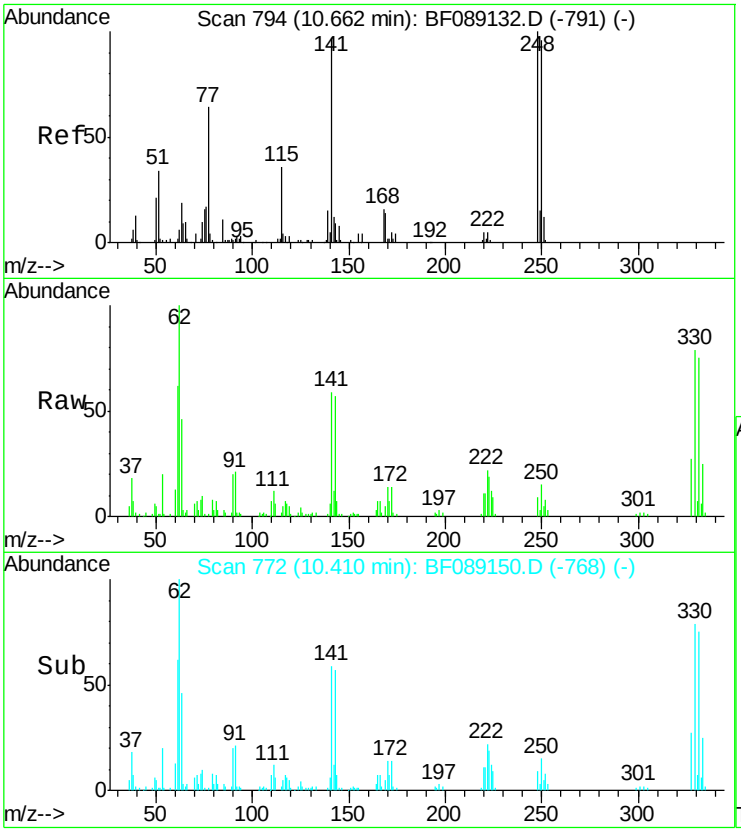


#65
n-Nitrosodiphenylamine
Concen: 0.54 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.11 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:169 Resp: 3712

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.0#
167	43.3	29.5	44.3



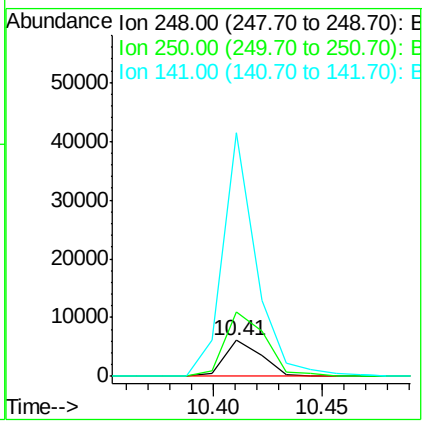


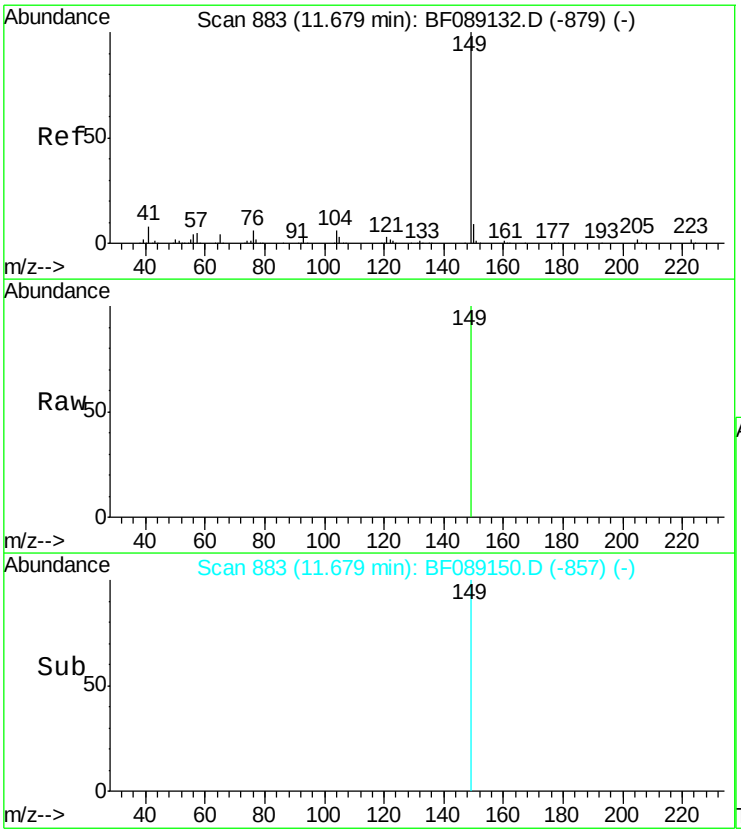
#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.25 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:248 Resp: 7237

Ion	Ratio	Lower	Upper
248	100		
250	179.7	76.9	115.3#
141	680.7	77.4	116.2#

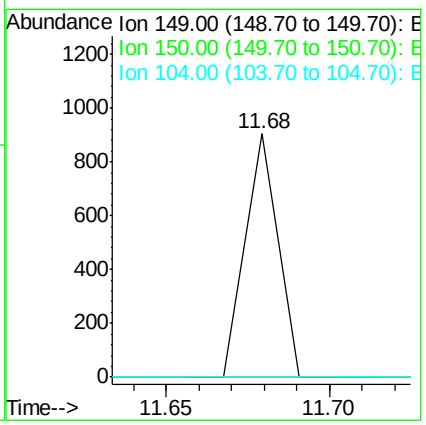


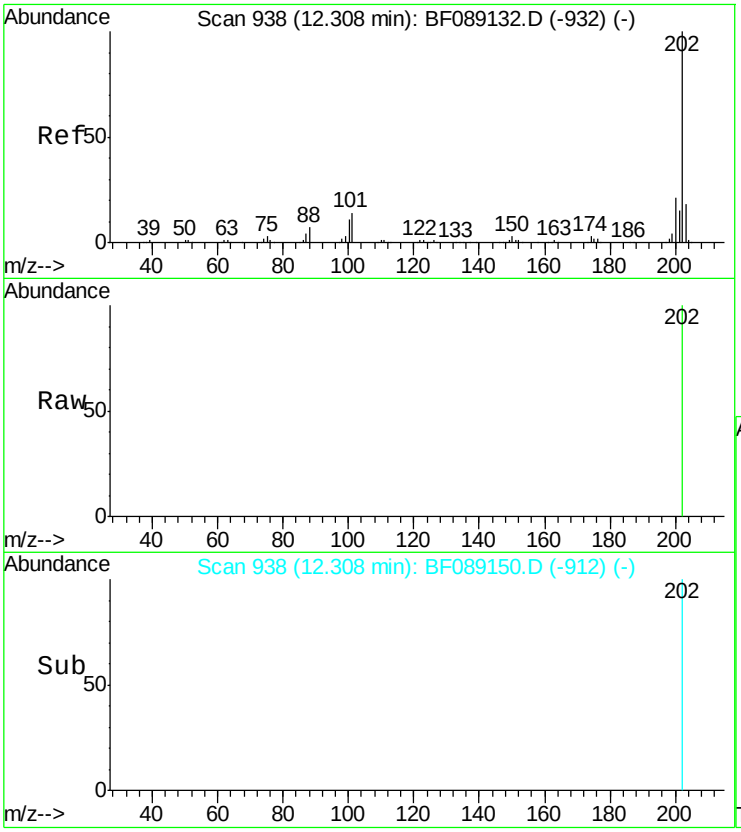


#73
Di-n-butylphthalate
Concen: 0.05 ng
RT: 11.68 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:149 Resp: 621

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.2#
104	0.0	4.6	6.8#



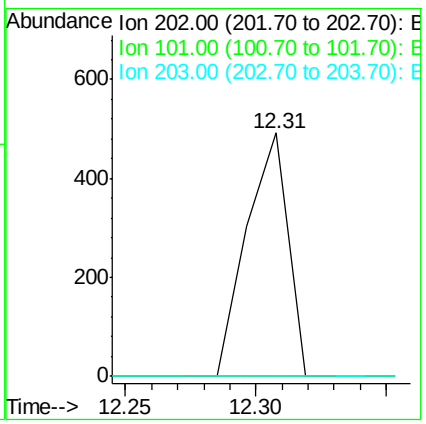


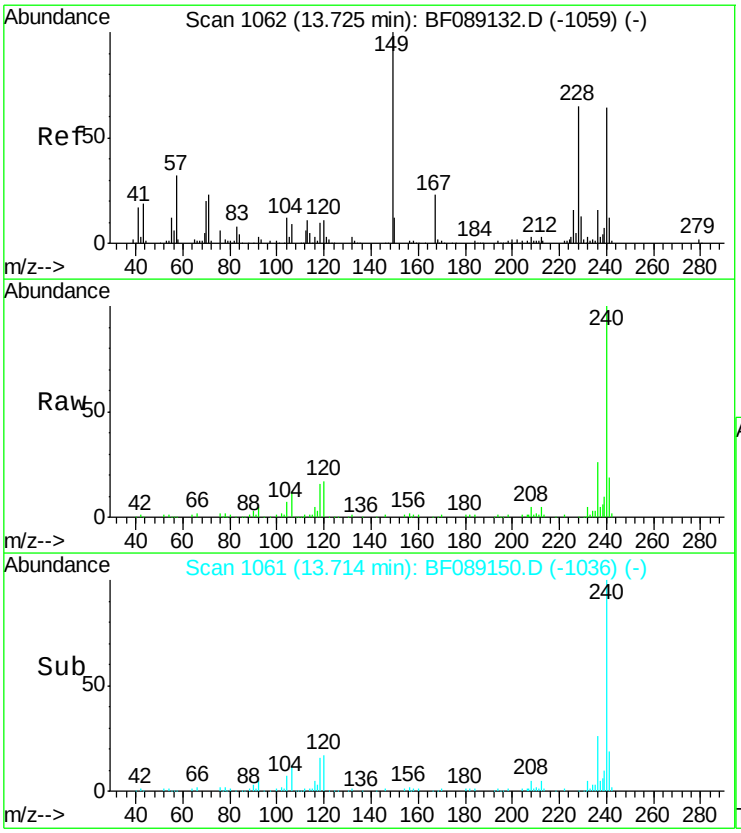
#74
Fluoranthene
Concen: 0.05 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:202 Resp: 546

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.0
203	0.0	0.0	37.8

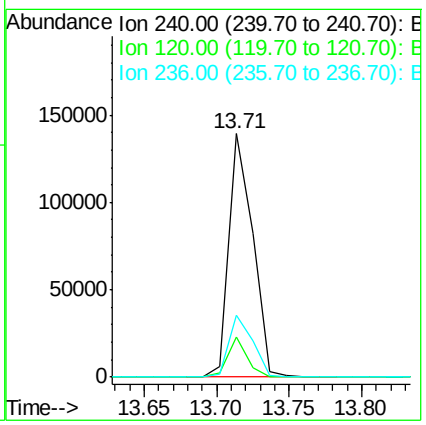


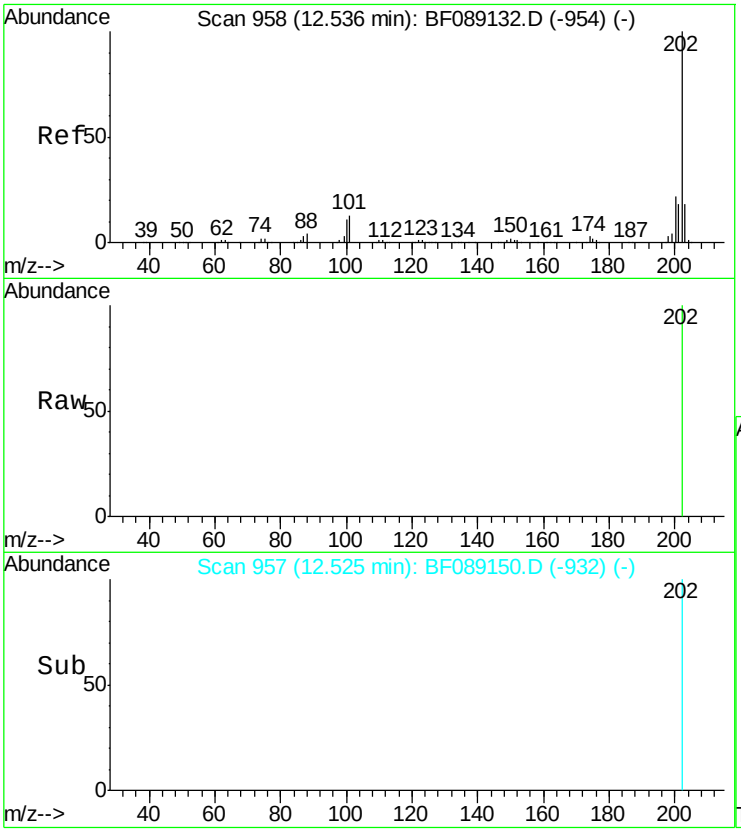


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:240 Resp: 159580

Ion	Ratio	Lower	Upper
240	100		
120	16.6	13.6	20.4
236	25.6	20.5	30.7



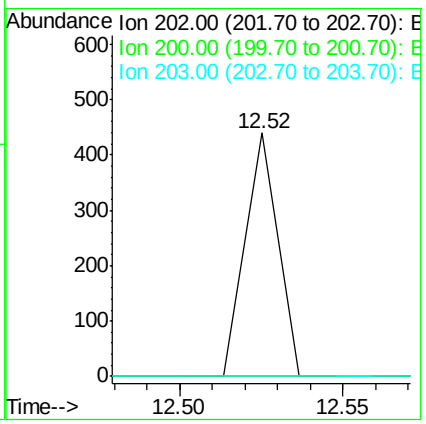


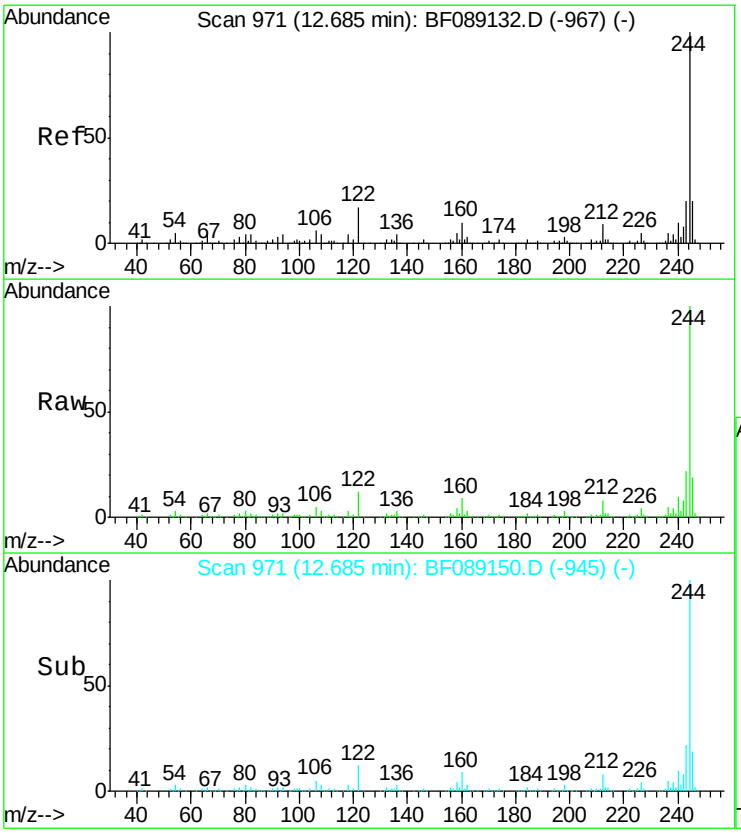
#77
Pyrene
Concen: 0.02 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:202 Resp: 302

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.0#
203	0.0	14.2	21.2#

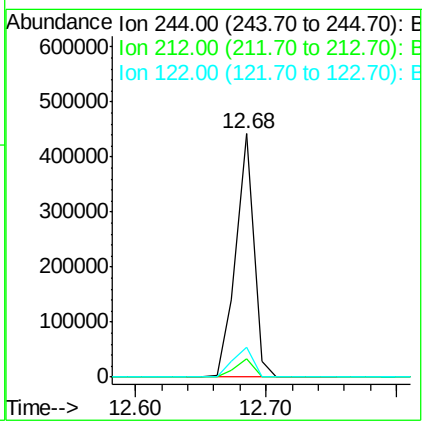


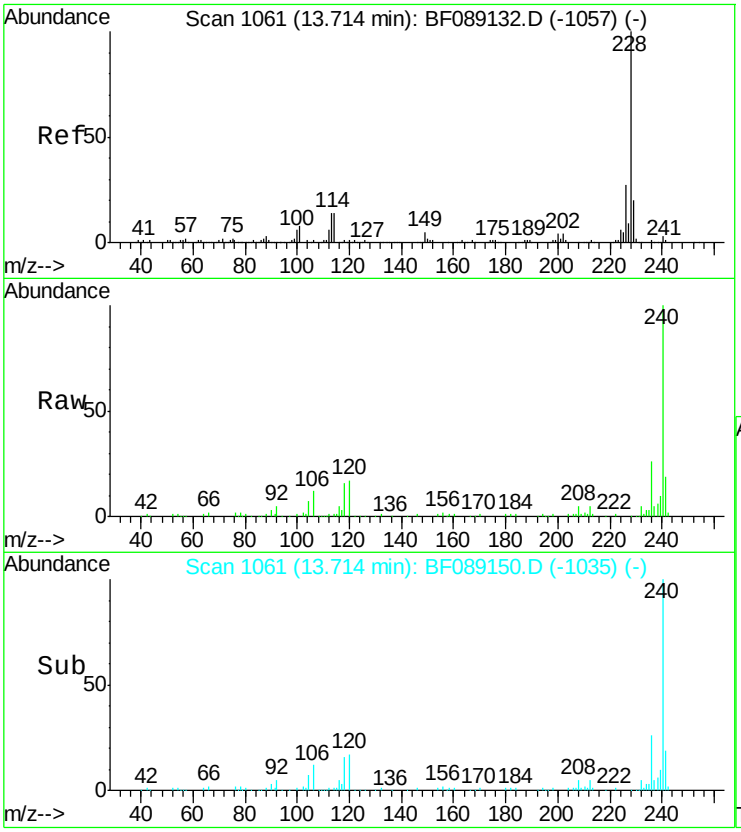


#78
Terphenyl-d14
Concen: 57.52 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:244 Resp: 423163

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.4
122	12.5	13.8	20.8#



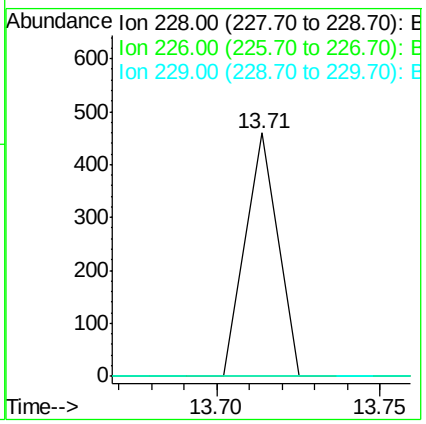


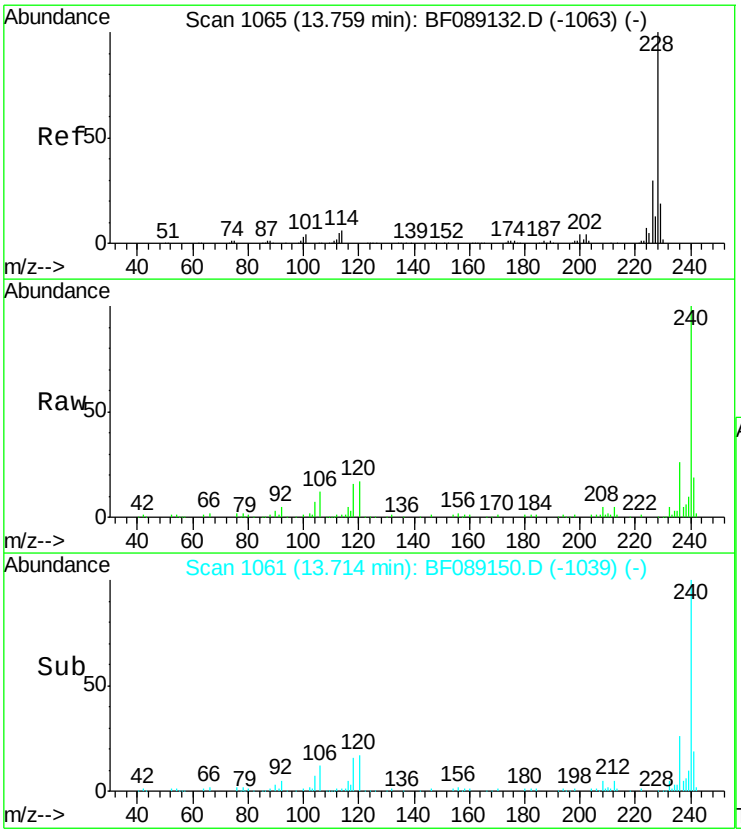
#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:228 Resp: 315

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.8	32.8#
229	0.0	15.8	23.8#

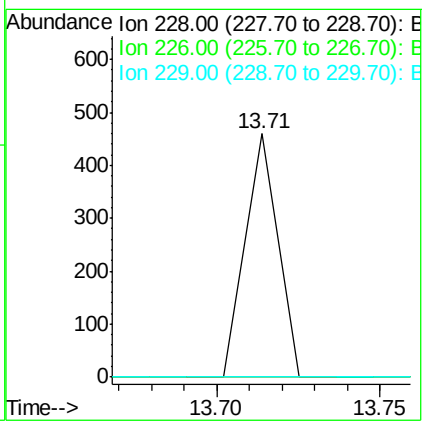


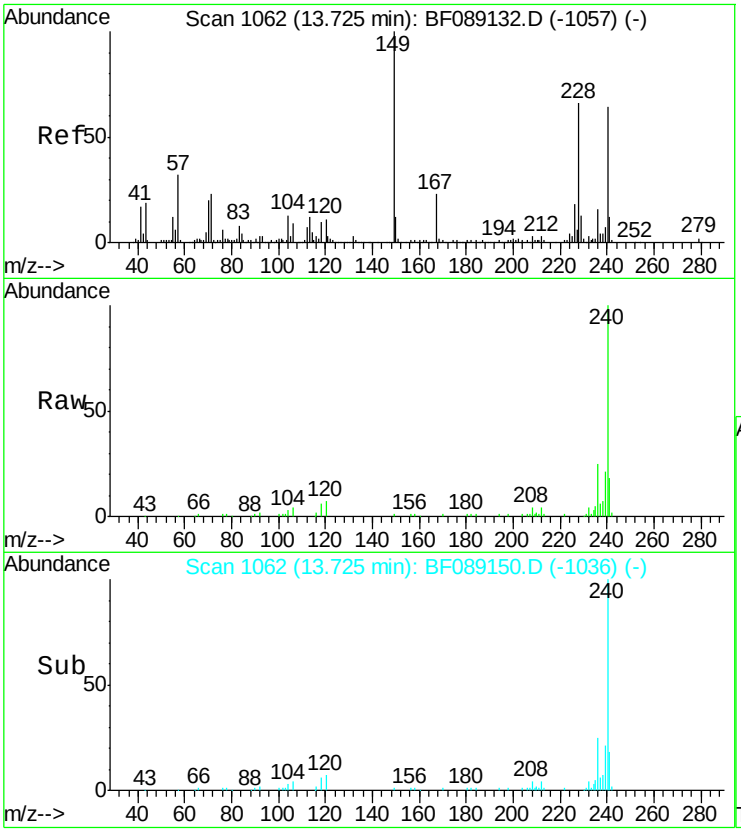


#82
Chrysene
Concen: 0.03 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:228 Resp: 315

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8#
229	0.0	15.4	23.0#



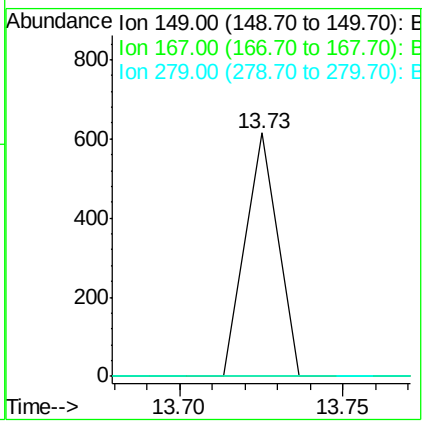


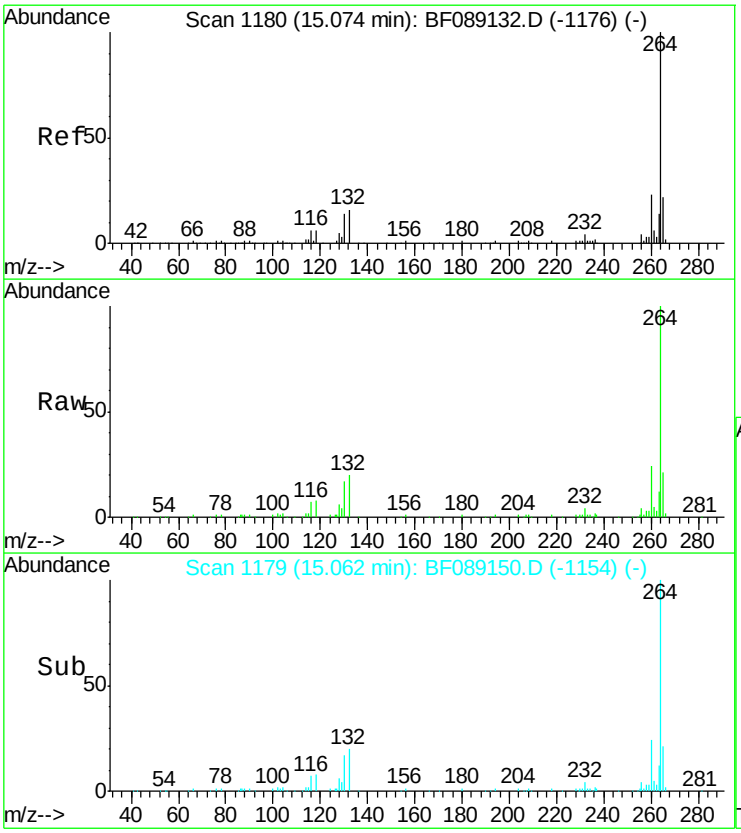
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:149 Resp: 422

Ion	Ratio	Lower	Upper
149	100		
167	0.0	18.6	28.0#
279	0.0	1.6	2.4#

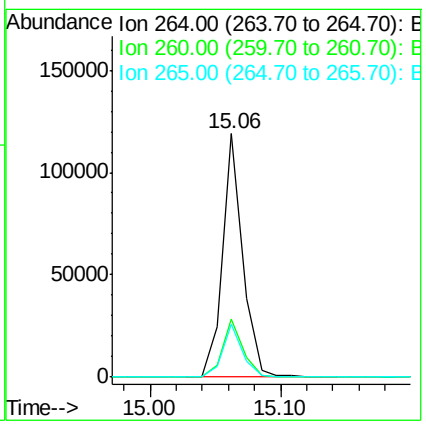


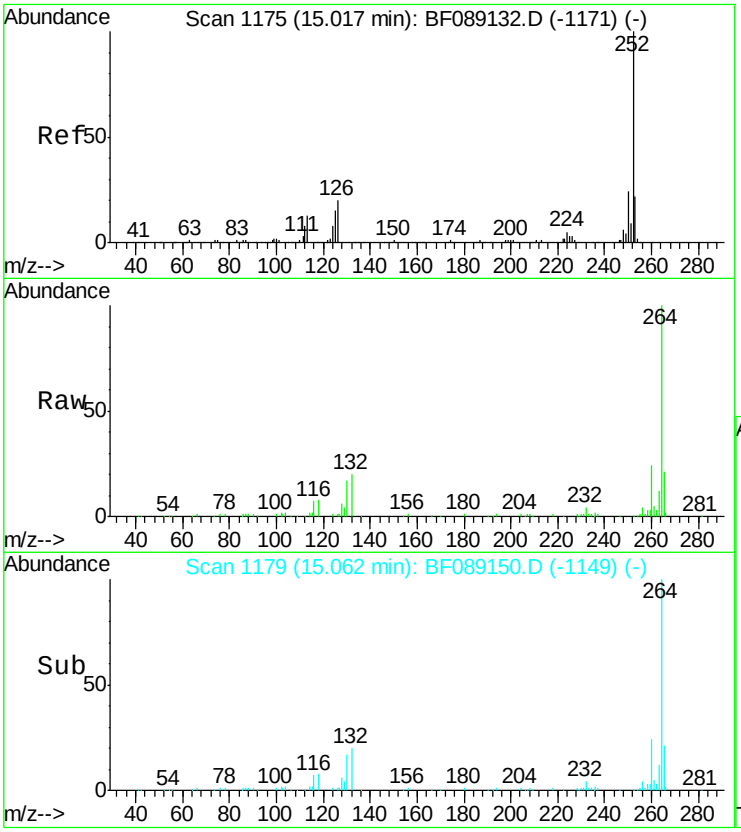


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Tgt Ion:264 Resp: 128411

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.5	17.3	25.9





#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.05 min
Lab File: BF089150.D
Acq: 21 Jul 2016 00:23

Instrument :
BNA_F
ClientSampleId :
KSB-03-6.0-8.0

Tgt Ion:252 Resp: 309

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	12.4	18.6#