Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089152.D
Acq On : 21 Jul 2016 1:22
Operator : UM/SJ
Sample : H4112-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-05-12.0-14.0

Quant Time: Jul 21 03:24:33 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	54507	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	201801	20.00	ng	0.01
38) Acenaphthene-d10	9.64	164	99957	20.00	ng	0.01
63) Phenanthrene-d10	11.11	188	206275	20.00	ng	0.00
75) Chrysene-d12	13.71	240	171427	20.00	ng	-0.01
86) Perylene-d12	15.06	264	137430	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	367916	102.66	ng	0.00
7) Phenol-d6	6.26	99	498988	107.97	ng	-0.01
23) Nitrobenzene-d5	7.18	82	312168	82.19	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	98623	109.59	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	465968	64.23	ng	0.00
78) Terphenyl-d14	12.68	244	455110	57.58	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.15	77	15006	4.77	ng	# 1
15) Benzyl Alcohol	6.75	79	9562	2.83	ng	# 51
18) Hexachloroethane	7.11	117	22809	13.72	ng	# 1
19) n-Nitroso-di-n-propylamine	7.03	70	17049	5.64	ng	# 80
22) Acetophenone	7.08	105	23309	4.33	ng	# 33
24) Nitrobenzene	7.26	77	9449	2.36	ng	# 50
25) Isophorone	7.42	82	43205	6.17	ng	# 1
26) 2-Nitrophenol	7.53	139	5698	3.05	ng	# 1
27) 2,4-Dimethylphenol	7.54	122	9359	2.97	ng	# 1
31) Naphthalene	7.94	128	30161	2.77	ng	# 1
35) Caprolactam	8.34	113	76763	87.14	ng	# 20
36) 4-Chloro-3-methylphenol	8.54	107	11147	3.26	ng	# 42
37) 2-Methylnaphthalene	8.60	142	129403	18.63	ng	# 90
47) 2-Nitroaniline	9.16	65	4979	2.12	ng	# 64
49) Dimethylphthalate	9.37	163	136734	17.83	ng	# 97
50) 2,6-Dinitrotoluene	9.42	165	6105	3.53	ng	# 20
51) Acenaphthene	9.67	154	20181	3.17	ng	# 71
53) 2,4-Dinitrophenol	9.86	184	2102	10.66	ng	# 1
54) Dibenzofuran	9.84	168	23538	2.74	ng	# 1
55) 4-Nitrophenol	9.84	139	21137	16.99	ng	# 52
56) 2,4-Dinitrotoluene	9.85	165	10226	4.58	ng	# 60
57) Fluorene	10.18	166	39084	5.36	ng	# 80
65) n-Nitrosodiphenylamine	10.30	169	78839	11.44	ng	# 46
66) 4-Bromophenyl-phenylether	10.42	248	7372	3.61	ng	# 1
70) Phenanthrene	11.13	178	66497	5.88	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
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Instrument :
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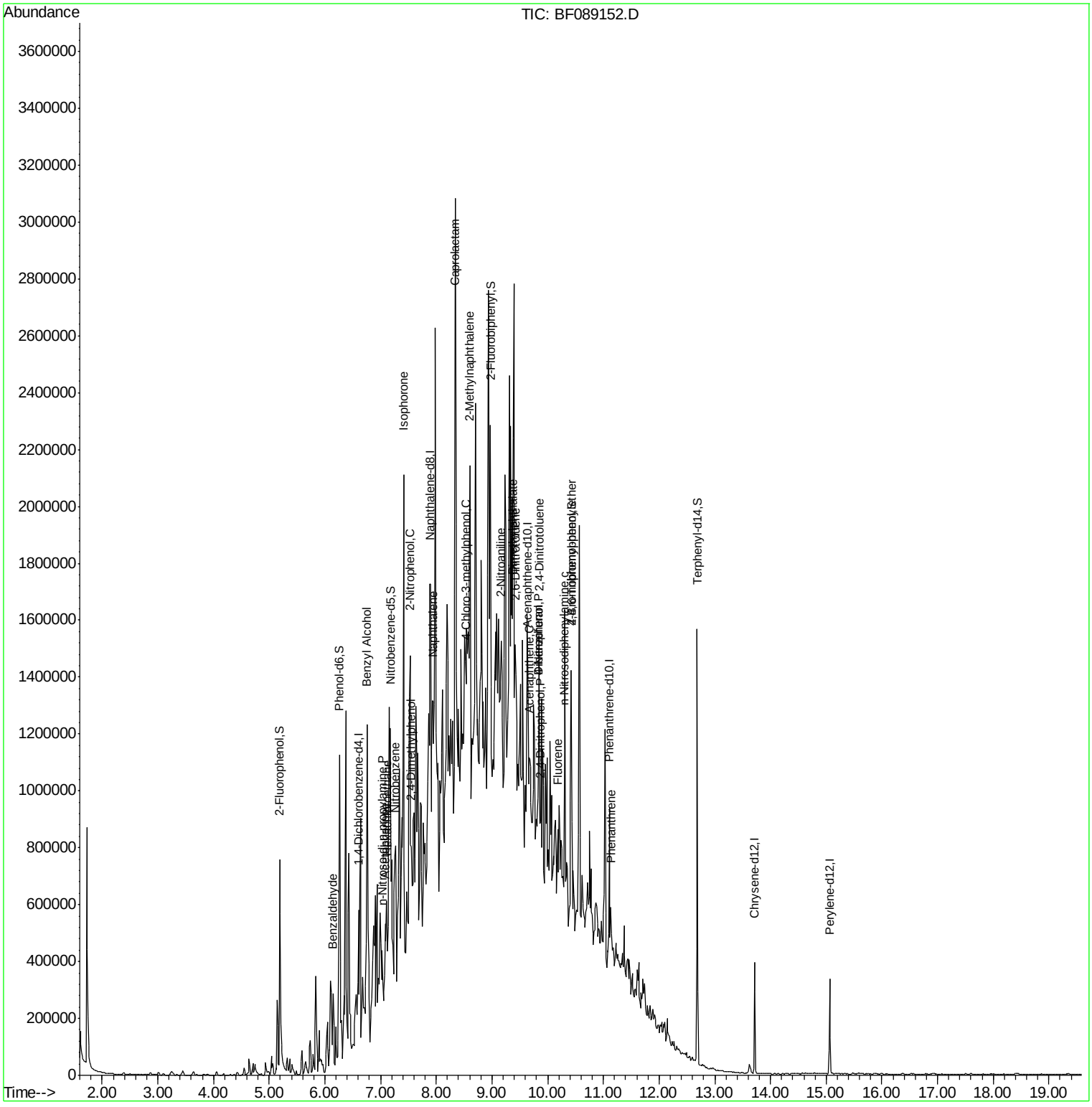
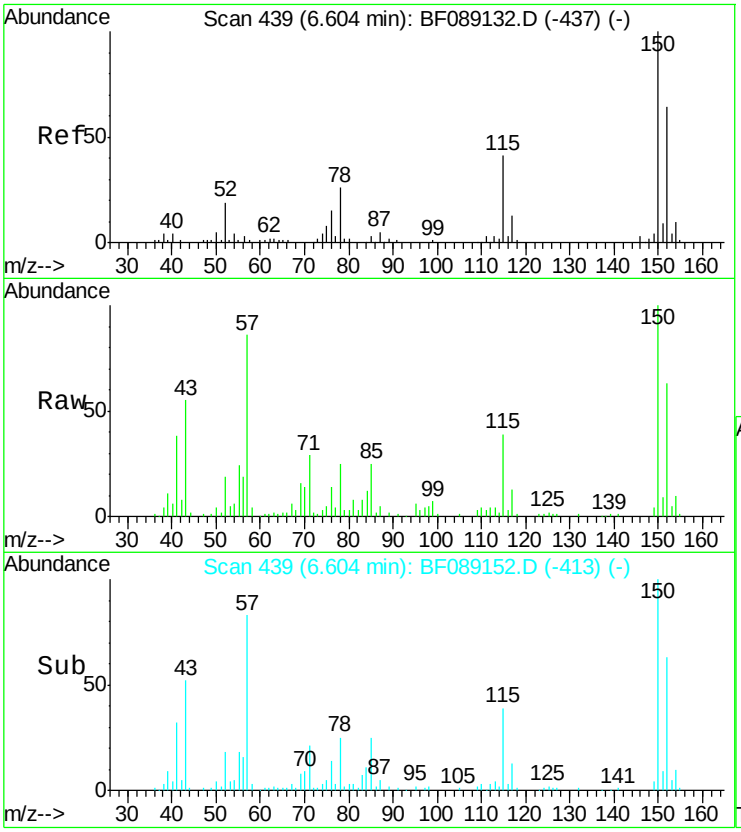


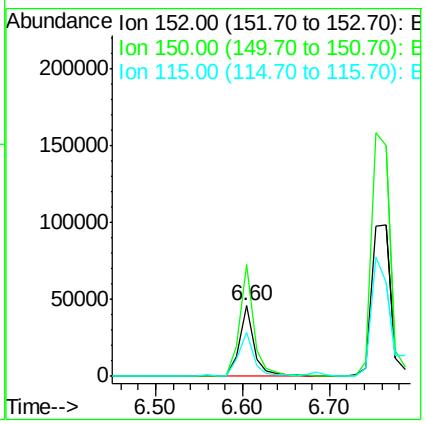


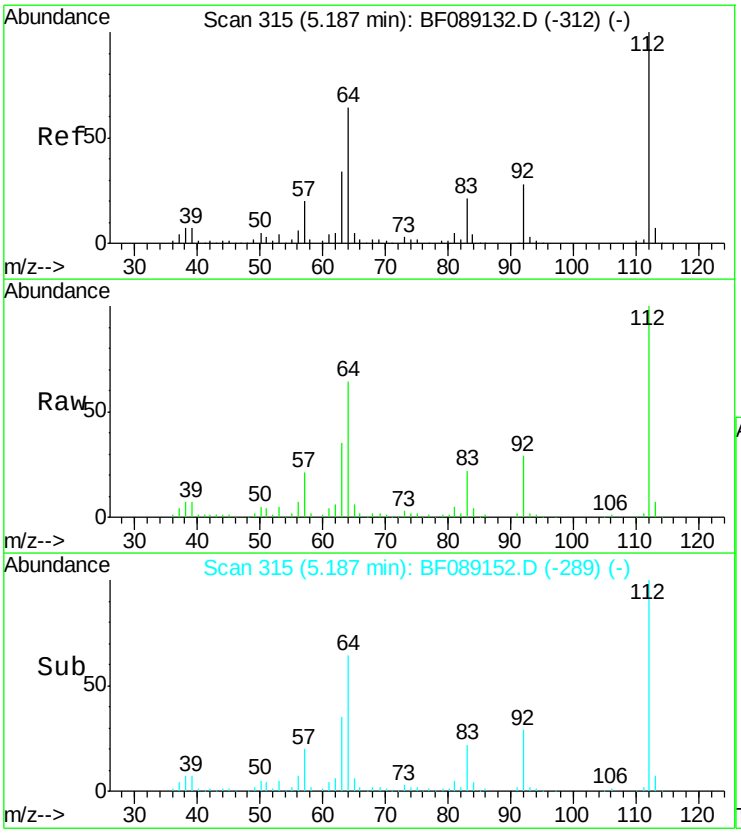
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:152 Resp: 54507

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.1	187.7
115	62.2	51.1	76.7

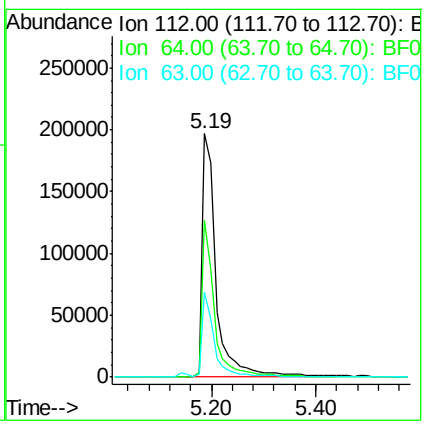


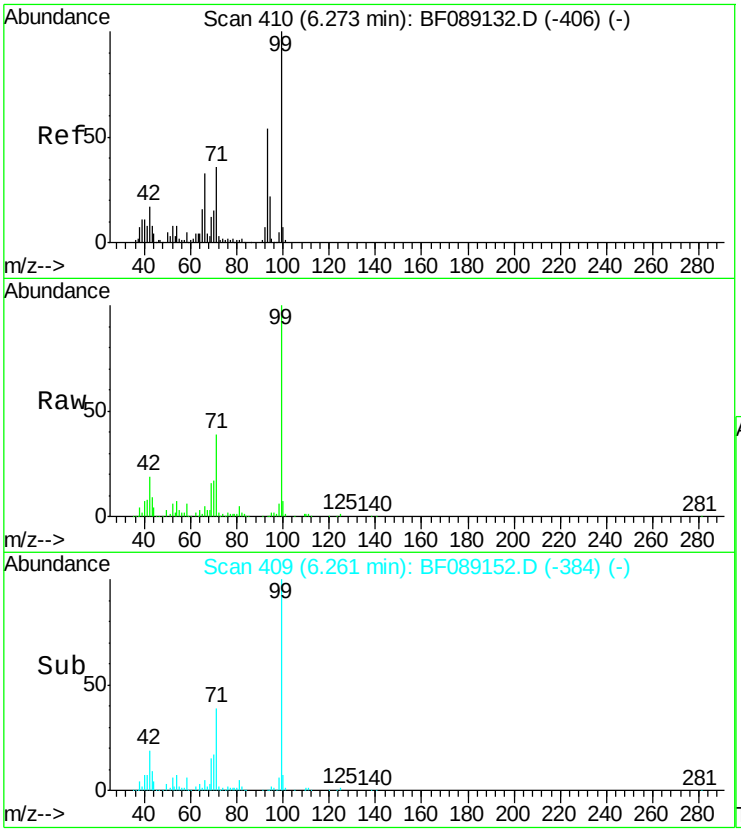


#5
2-Fluorophenol
Concen: 102.66 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:112 Resp: 367916

Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.0	76.4
63	34.9	27.3	40.9



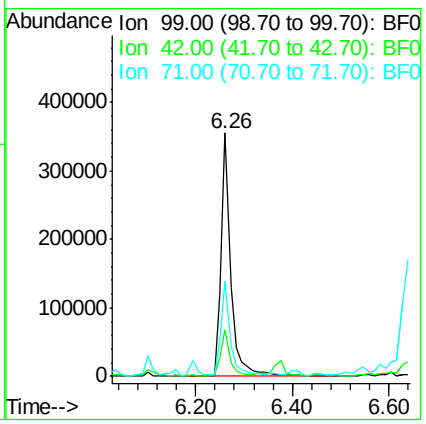


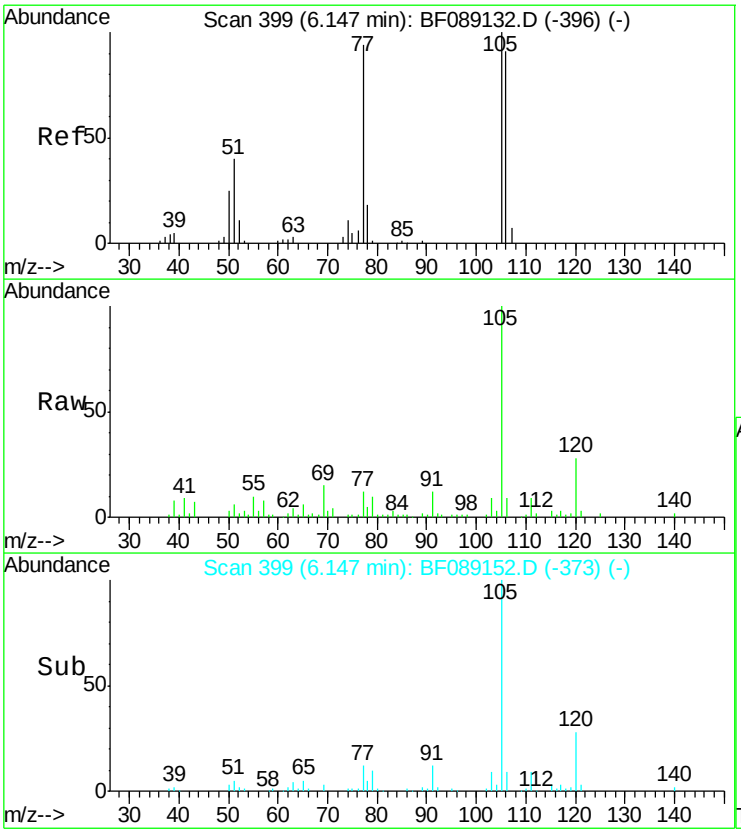
#7
Phenol-d6
Concen: 107.97 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion: 99 Resp: 498988

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.5	20.3
71	39.2	28.9	43.3

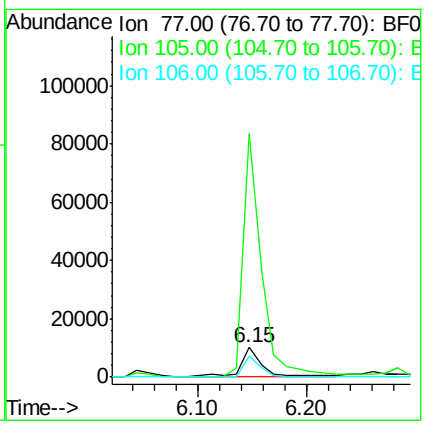


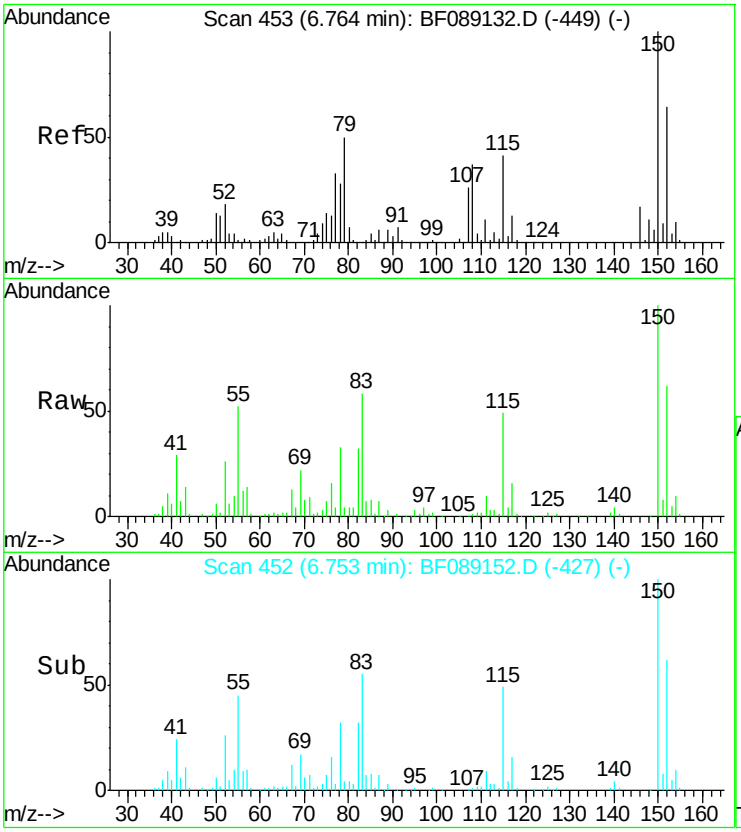


#9
Benzaldehyde
Concen: 4.77 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion: 77 Resp: 15006

Ion	Ratio	Lower	Upper
77	100		
105	822.2	86.2	126.2#
106	71.3	76.3	116.3#



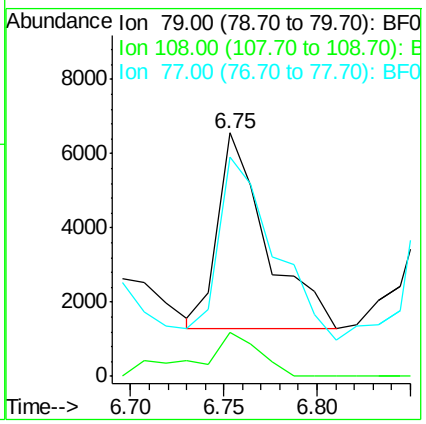


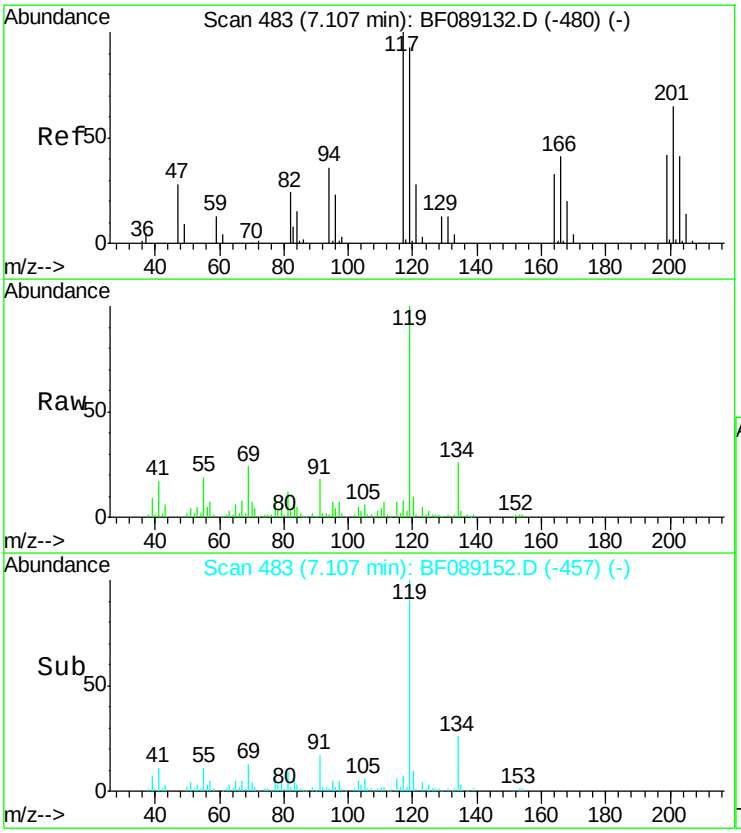
#15
Benzyl Alcohol
Concen: 2.83 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion: 79 Resp: 9562

Ion	Ratio	Lower	Upper
79	100		
108	18.2	58.2	87.4#
77	90.1	52.2	78.4#

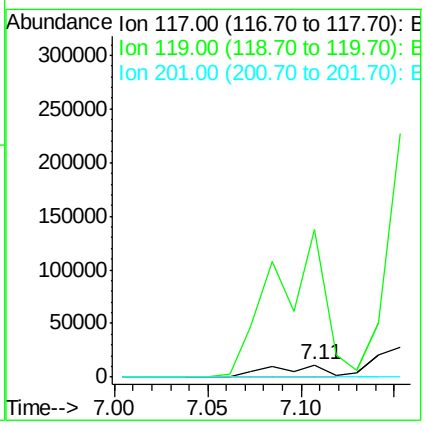


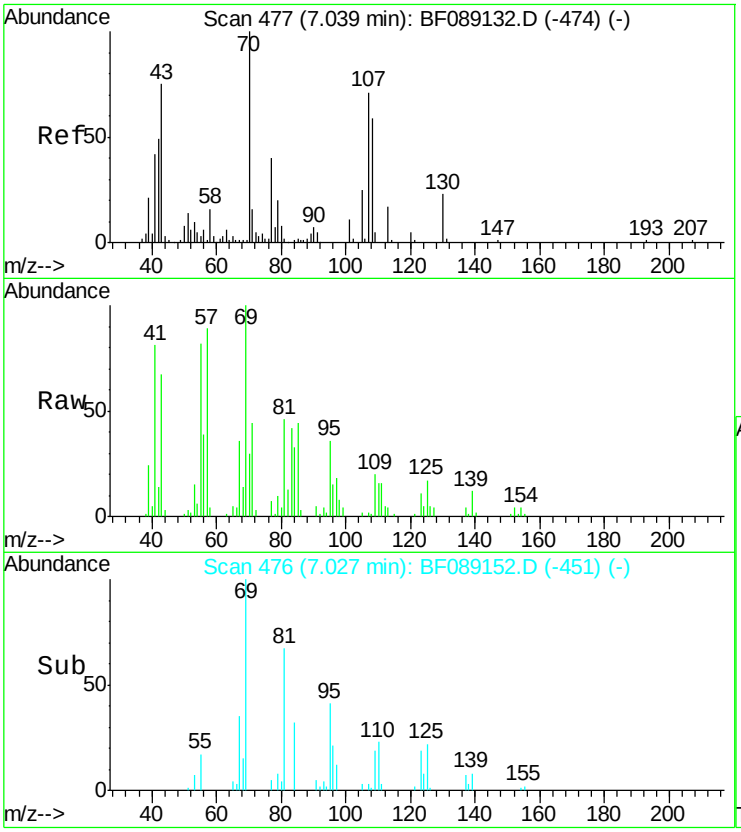


#18
Hexachloroethane
Concen: 13.72 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:117 Resp: 22809

Ion	Ratio	Lower	Upper
117	100		
119	1219.5	74.5	111.7#
201	0.0	51.8	77.6#



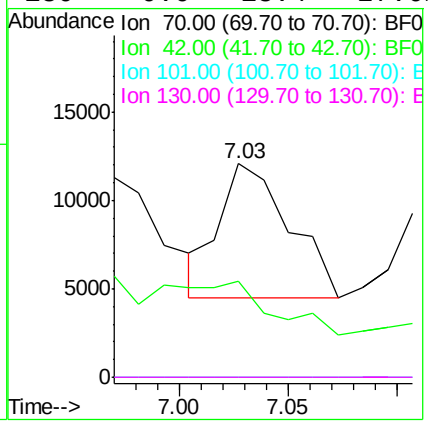


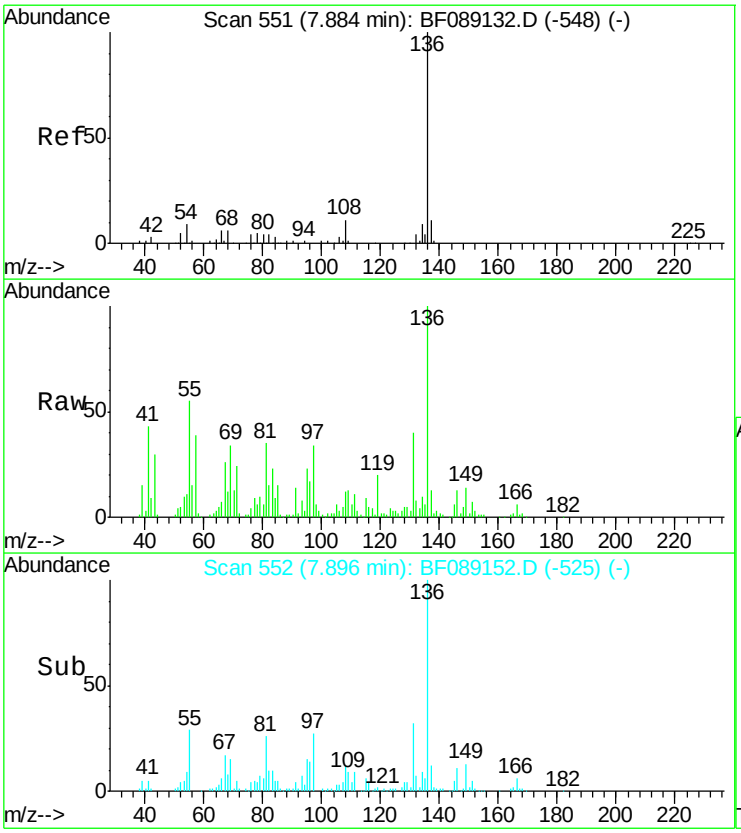
#19
n-Nitroso-di-n-propylamine
Concen: 5.64 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion: 70 Resp: 17049

Ion	Ratio	Lower	Upper
70	100		
42	45.2	39.2	58.8
101	0.0	8.5	12.7#
130	0.0	18.4	27.6#

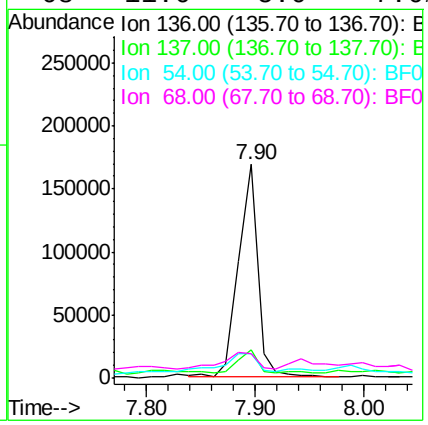


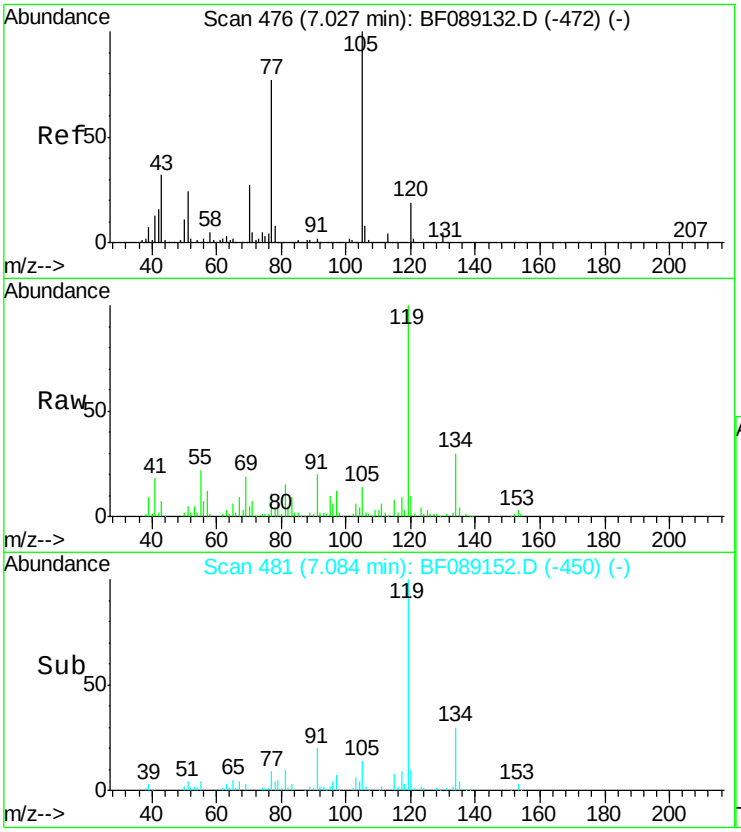


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:136 Resp: 201801

Ion	Ratio	Lower	Upper
136	100		
137	13.1	8.8	13.2
54	11.2	7.0	10.4#
68	11.6	5.0	7.6#



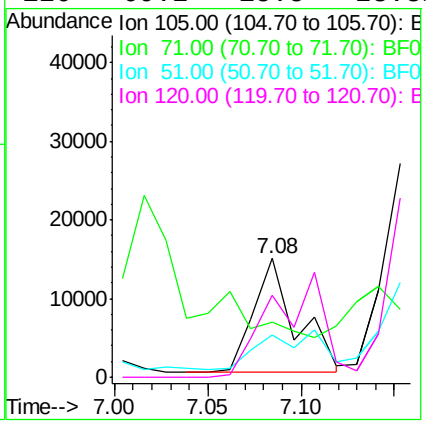


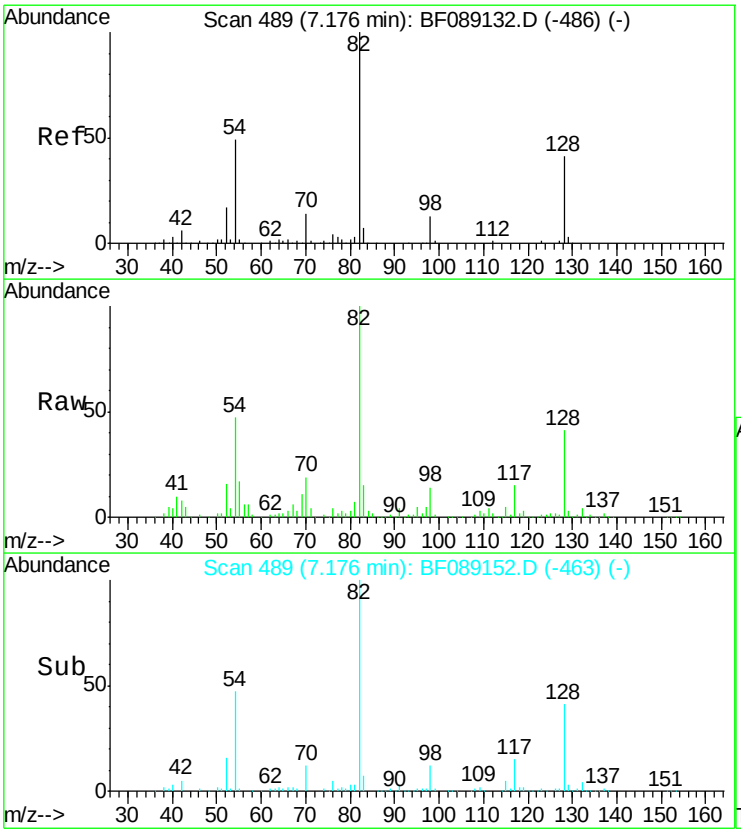
#22
Acetophenone
Concen: 4.33 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.06 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:105 Resp: 23309

Ion	Ratio	Lower	Upper
105	100		
71	46.5	3.8	5.6#
51	35.6	19.6	29.4#
120	69.2	15.5	23.3#

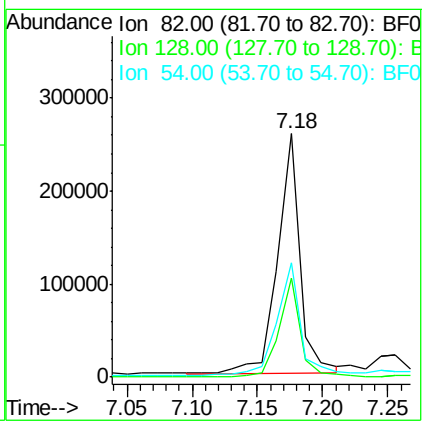


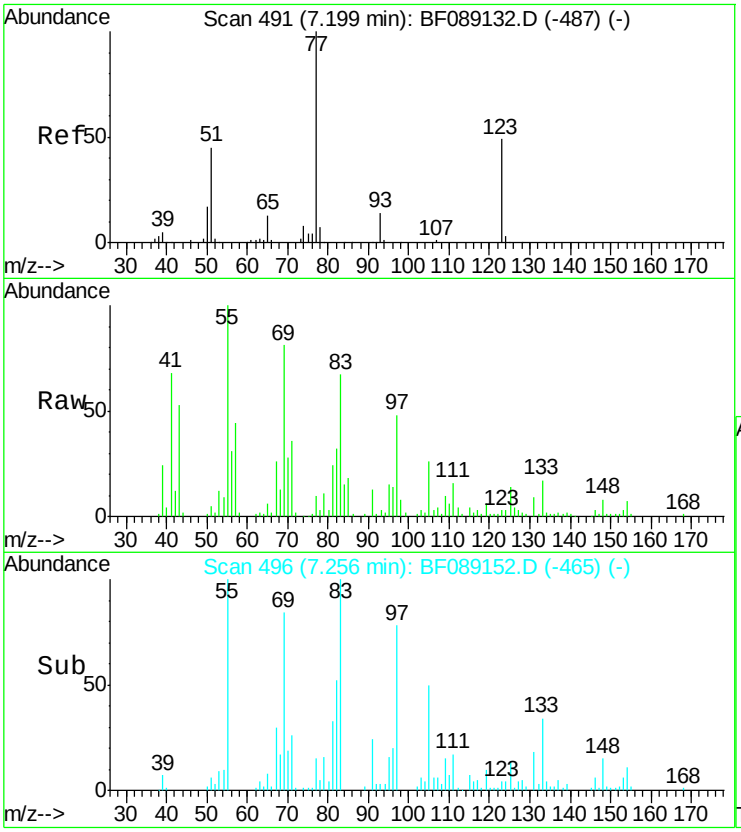


#23
Nitrobenzene-d5
Concen: 82.19 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion: 82 Resp: 312168

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.0	49.6
54	46.7	39.0	58.4



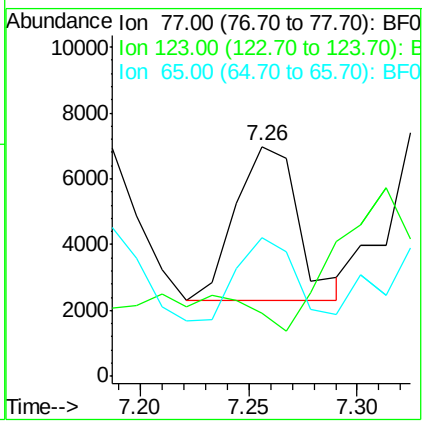


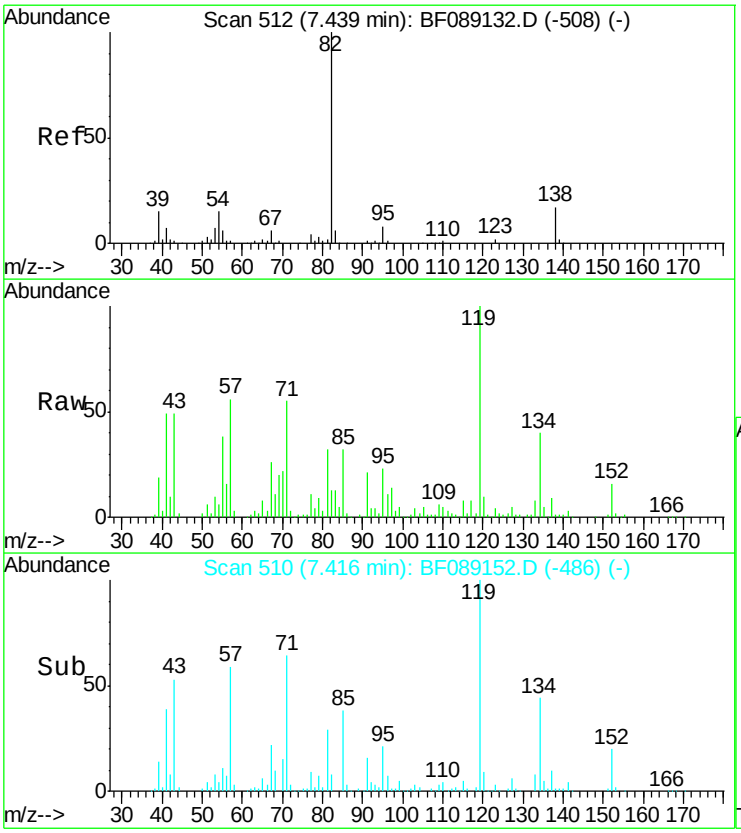
#24
Nitrobenzene
Concen: 2.36 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.06 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion: 77 Resp: 9449

Ion	Ratio	Lower	Upper
77	100		
123	27.3	38.9	58.3#
65	60.3	10.6	15.8#

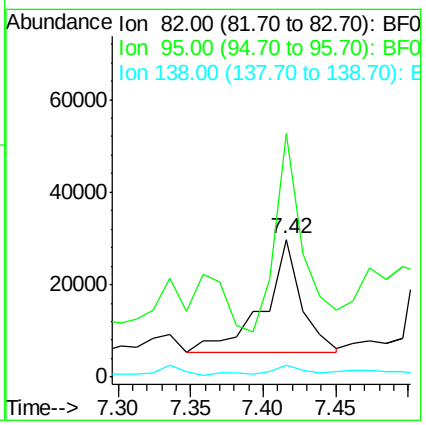


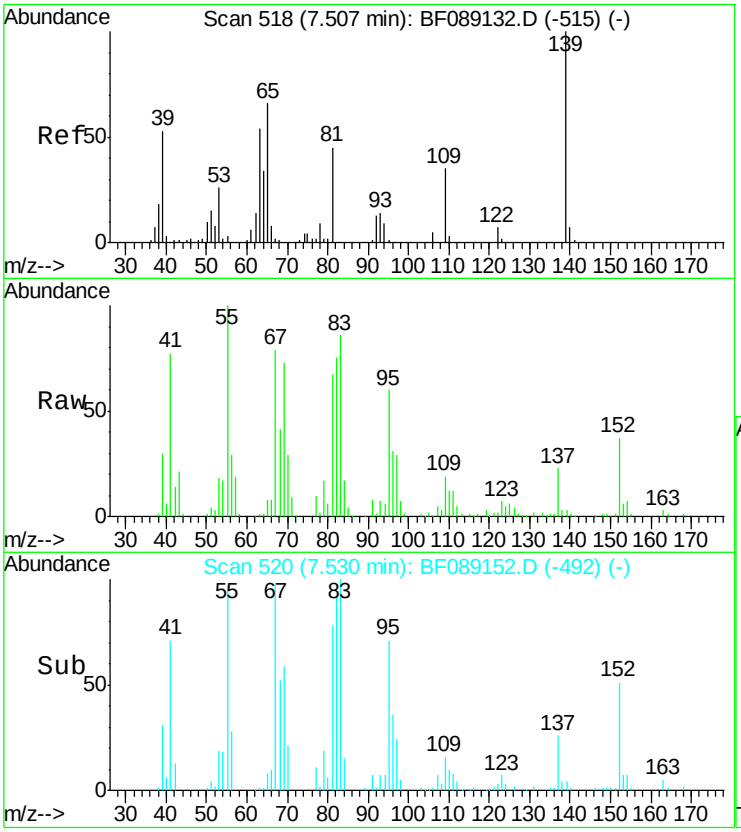


#25
Isophorone
Concen: 6.17 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion: 82 Resp: 43205

Ion	Ratio	Lower	Upper
82	100		
95	176.9	6.1	9.1#
138	8.9	13.6	20.4#



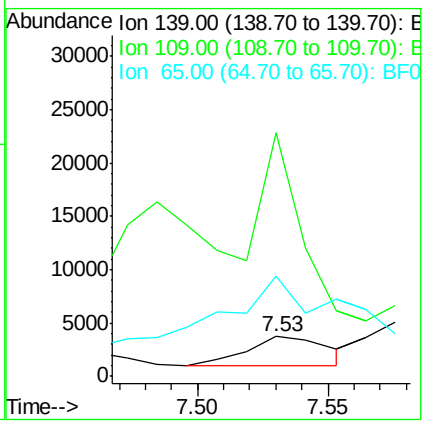


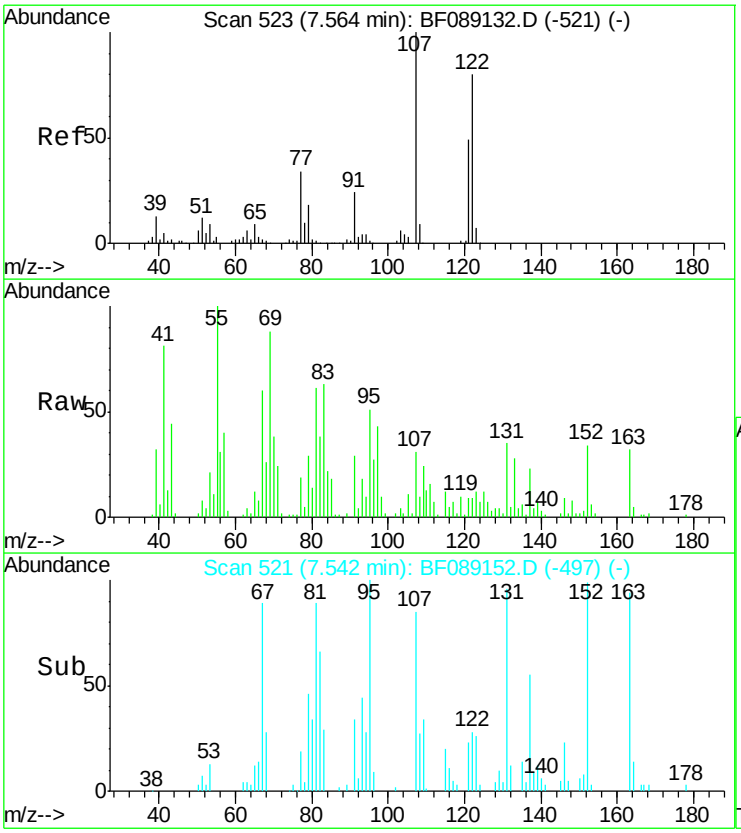
#26
2-Nitrophenol
Concen: 3.05 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.02 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:139 Resp: 5698

Ion	Ratio	Lower	Upper
139	100		
109	616.7	28.1	42.1#
65	254.2	52.7	79.1#

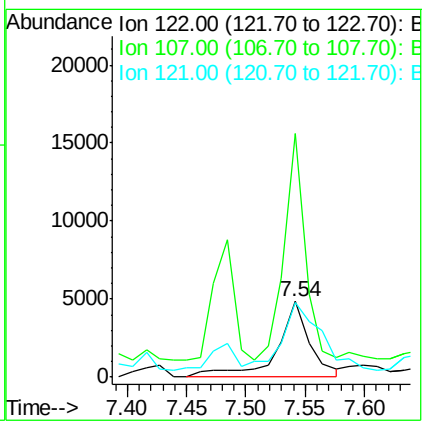


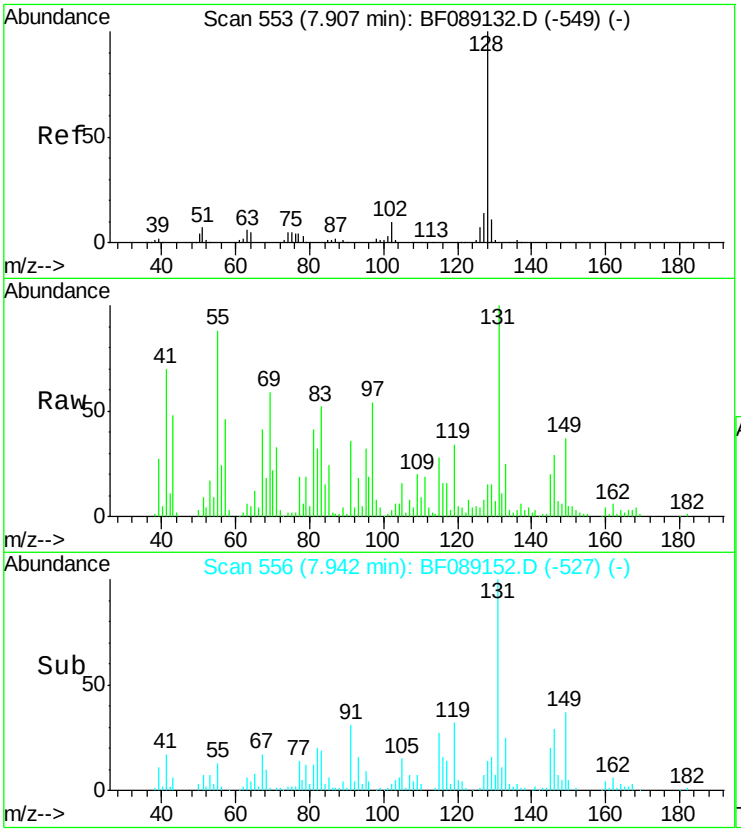


#27
2,4-Dimethylphenol
Concen: 2.97 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:122 Resp: 9359

Ion	Ratio	Lower	Upper
122	100		
107	321.9	99.7	149.5#
121	98.3	48.5	72.7#



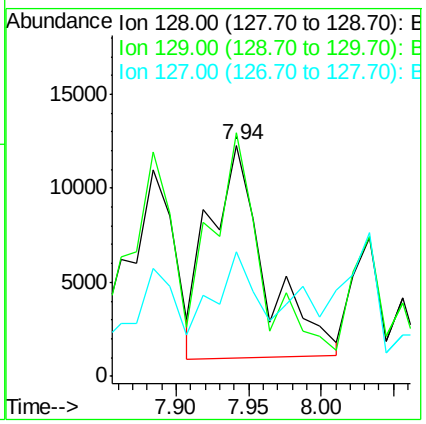


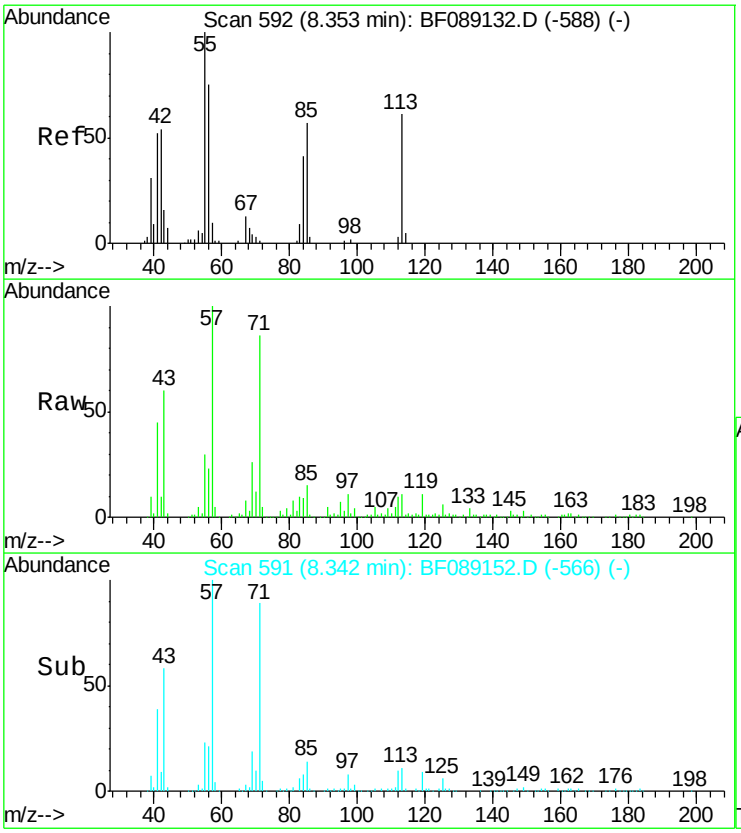
#31
Naphthalene
Concen: 2.77 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.03 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:128 Resp: 30161

Ion	Ratio	Lower	Upper
128	100		
129	105.4	8.9	13.3#
127	53.8	10.8	16.2#

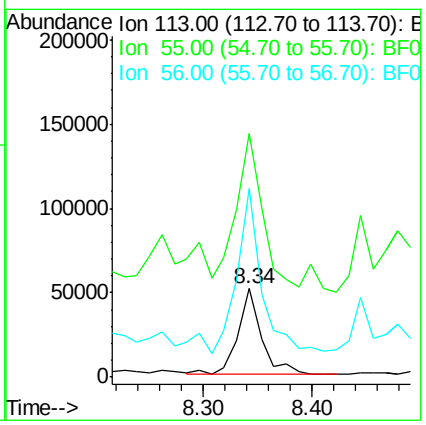


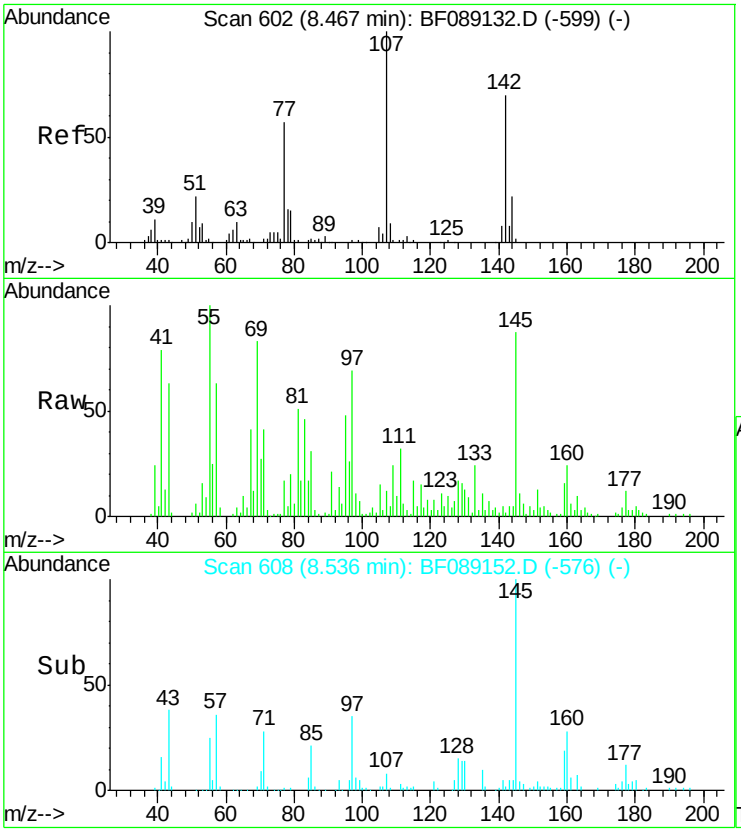


#35
Caprolactam
Concen: 87.14 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:113 Resp: 76763

Ion	Ratio	Lower	Upper
113	100		
55	275.2	145.3	185.3#
56	213.3	104.3	144.3#



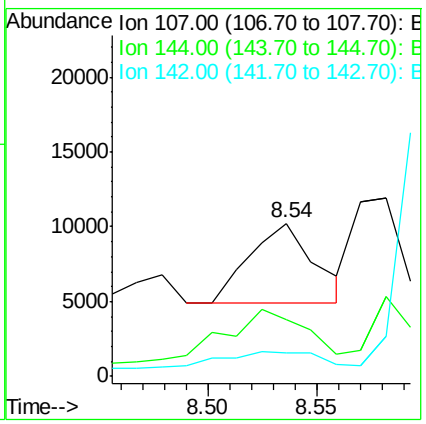


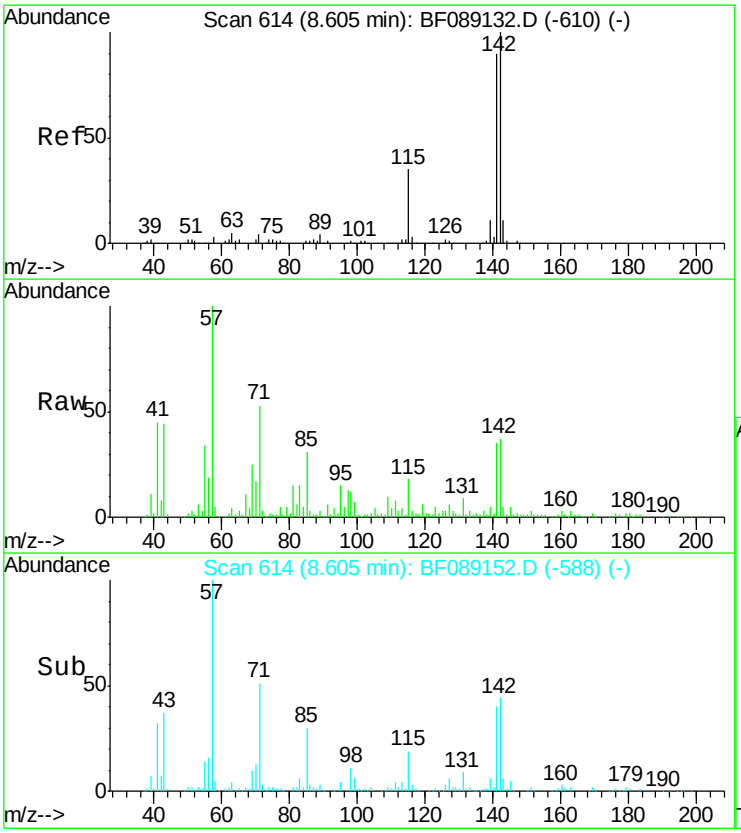
#36
4-Chloro-3-methylphenol
Concen: 3.26 ng
RT: 8.54 min Scan# 608
Delta R.T. 0.07 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:107 Resp: 11147

Ion	Ratio	Lower	Upper
107	100		
144	36.8	17.8	26.6#
142	15.5	56.1	84.1#

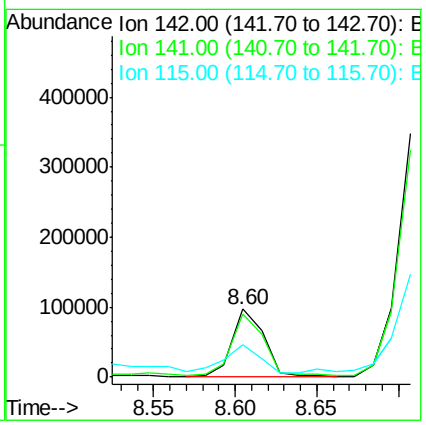


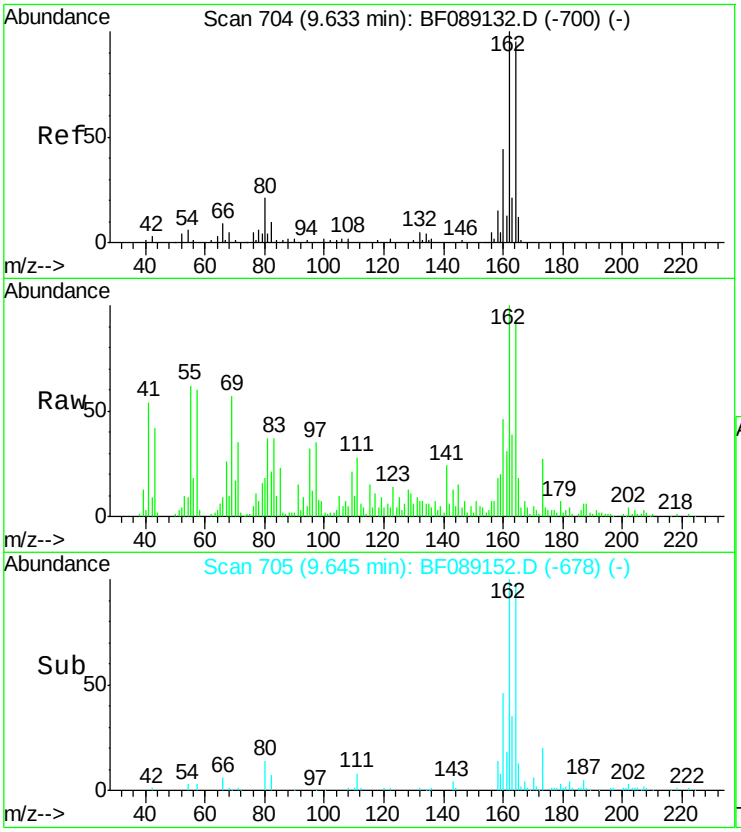


#37
2-Methylnaphthalene
Concen: 18.63 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:142 Resp: 129403

Ion	Ratio	Lower	Upper
142	100		
141	93.3	71.6	107.4
115	48.5	27.6	41.4#



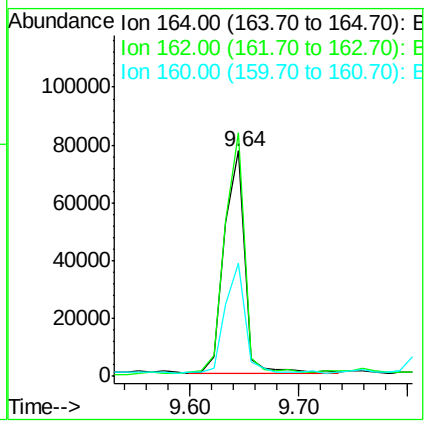


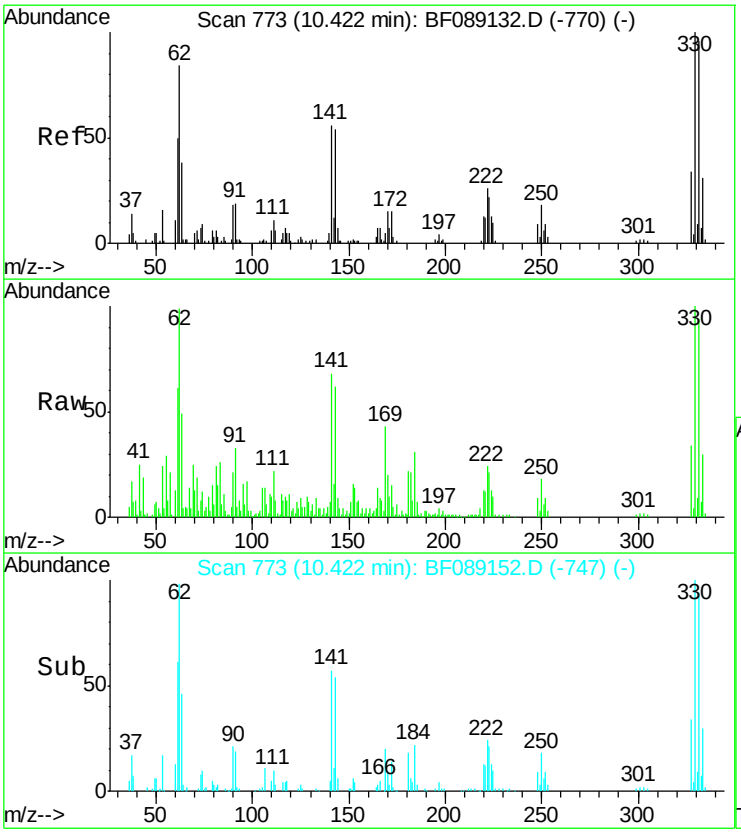
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:164 Resp: 99957

Ion	Ratio	Lower	Upper
164	100		
162	108.0	84.1	126.1
160	50.0	37.1	55.7

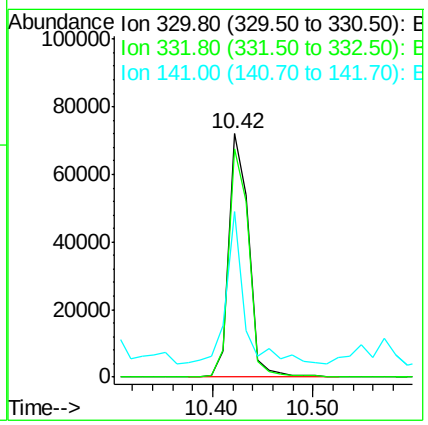


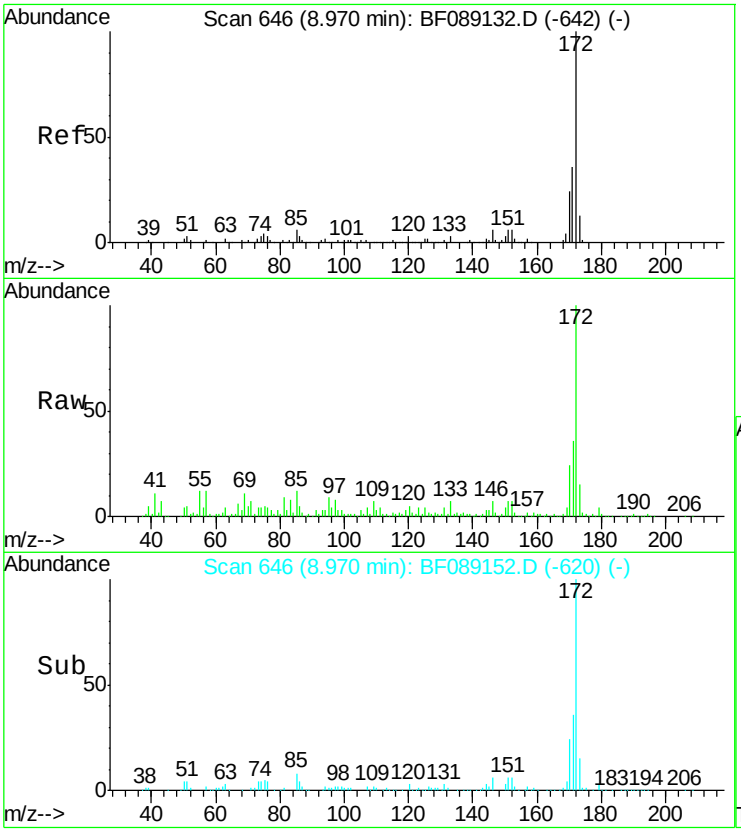


#41
2,4,6-Tribromophenol
Concen: 109.59 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:330 Resp: 98623

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.2	115.8
141	57.3	42.2	63.2



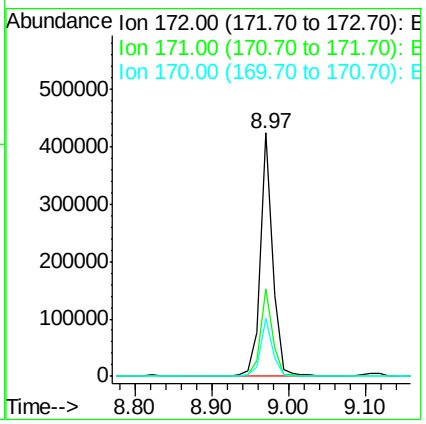


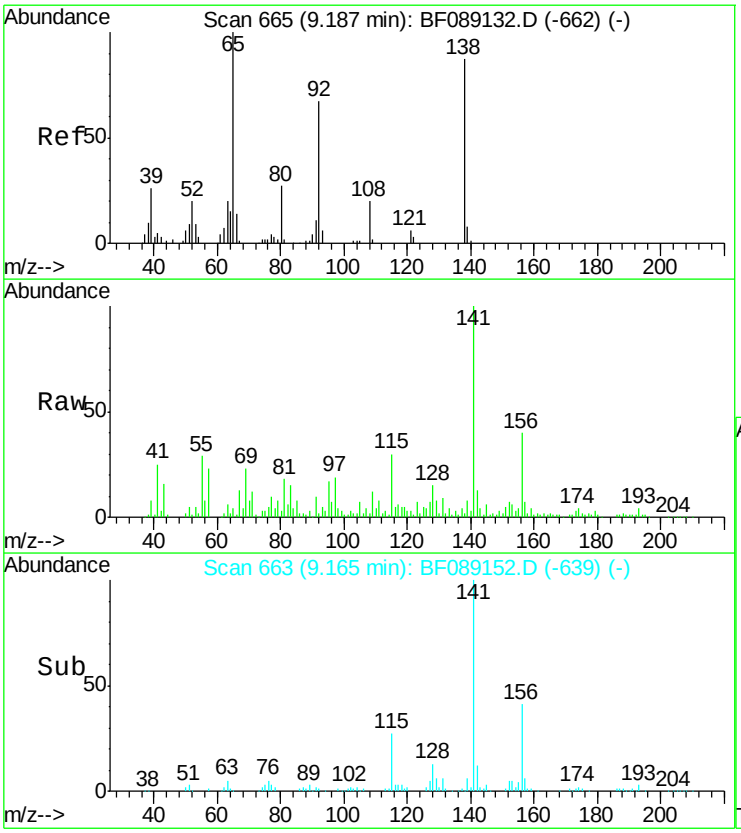
#44
2-Fluorobiphenyl
Concen: 64.23 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:172 Resp: 465968

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.7	19.1	28.7

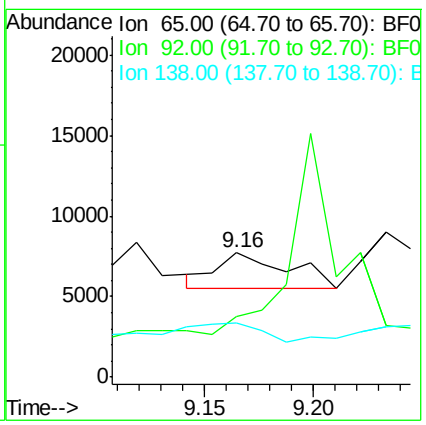


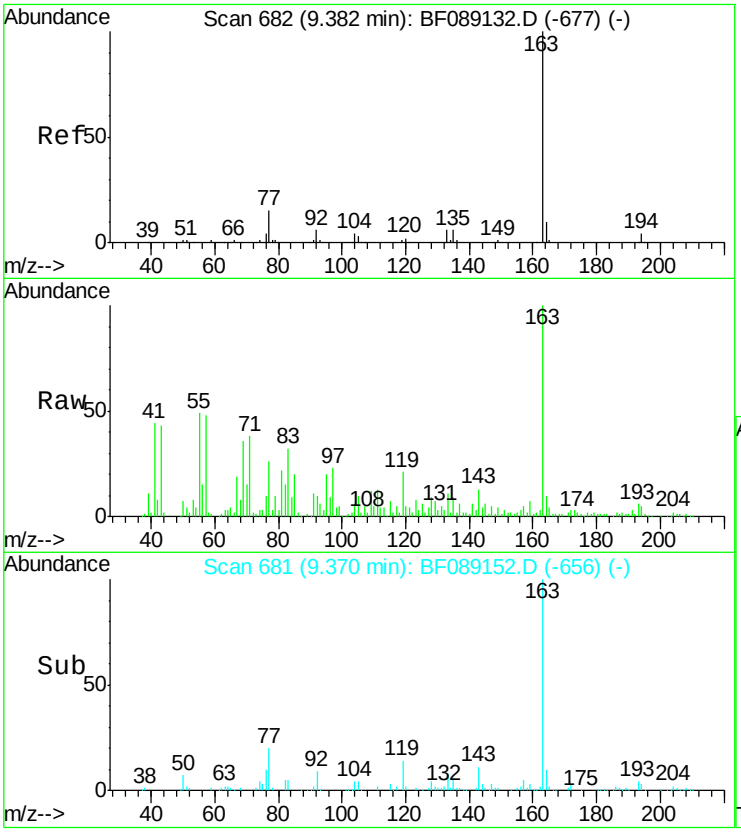


#47
2-Nitroaniline
Concen: 2.12 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion: 65 Resp: 4979

Ion	Ratio	Lower	Upper
65	100		
92	48.9	53.2	79.8#
138	44.2	69.4	104.2#



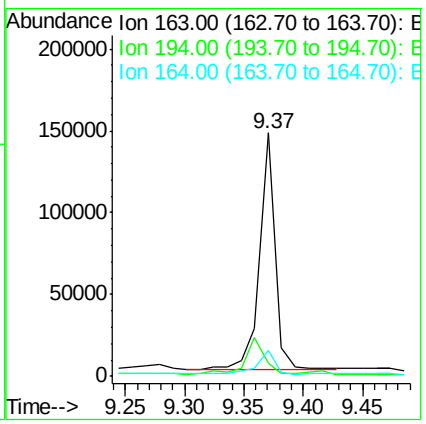


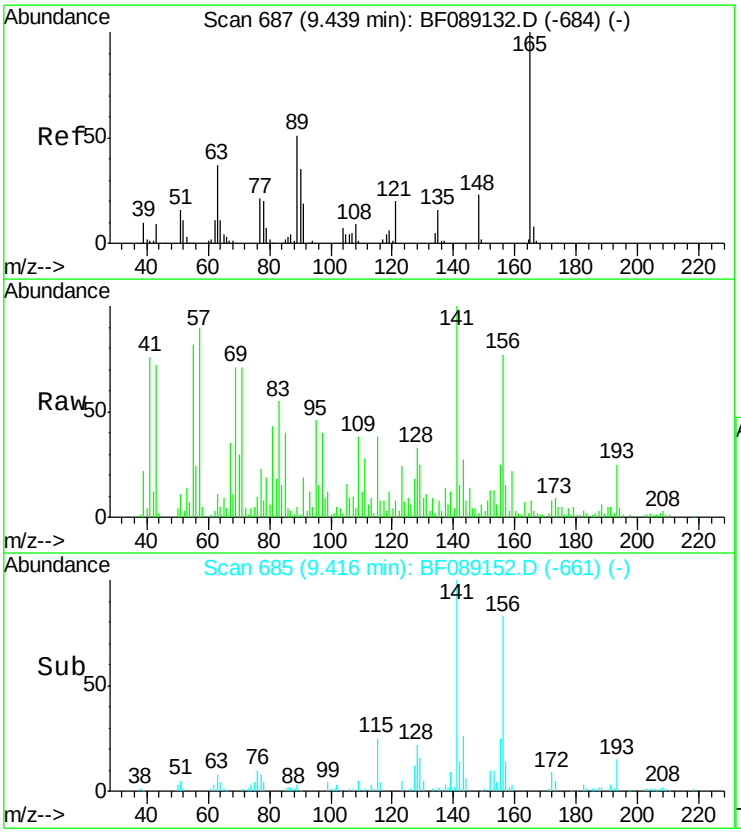
#49
Dimethylphthalate
Concen: 17.83 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:163 Resp: 136734

Ion	Ratio	Lower	Upper
163	100		
194	5.2	2.9	4.3#
164	10.5	7.6	11.4

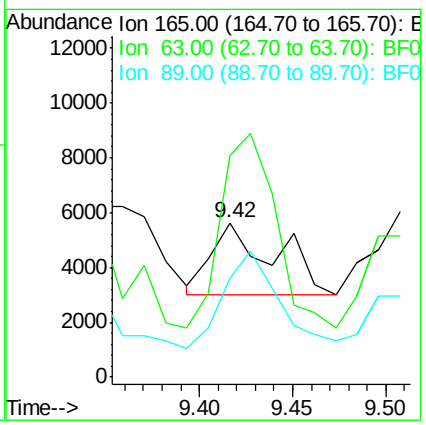


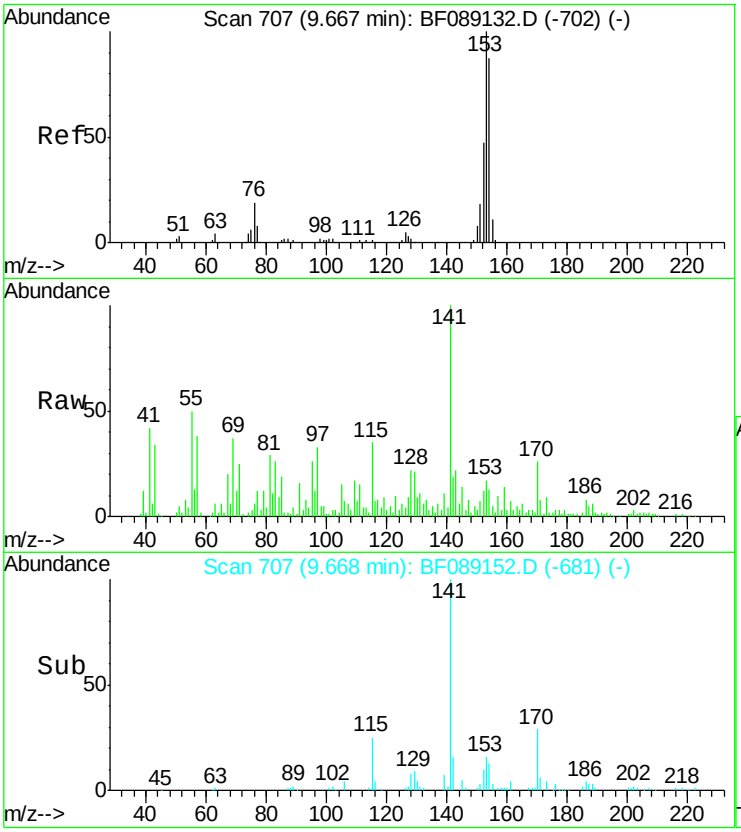


#50
2,6-Dinitrotoluene
Concen: 3.53 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:165 Resp: 6105

Ion	Ratio	Lower	Upper
165	100		
63	144.2	37.0	55.4#
89	64.4	40.9	61.3#



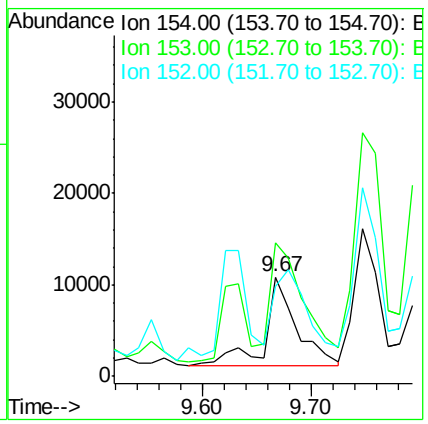


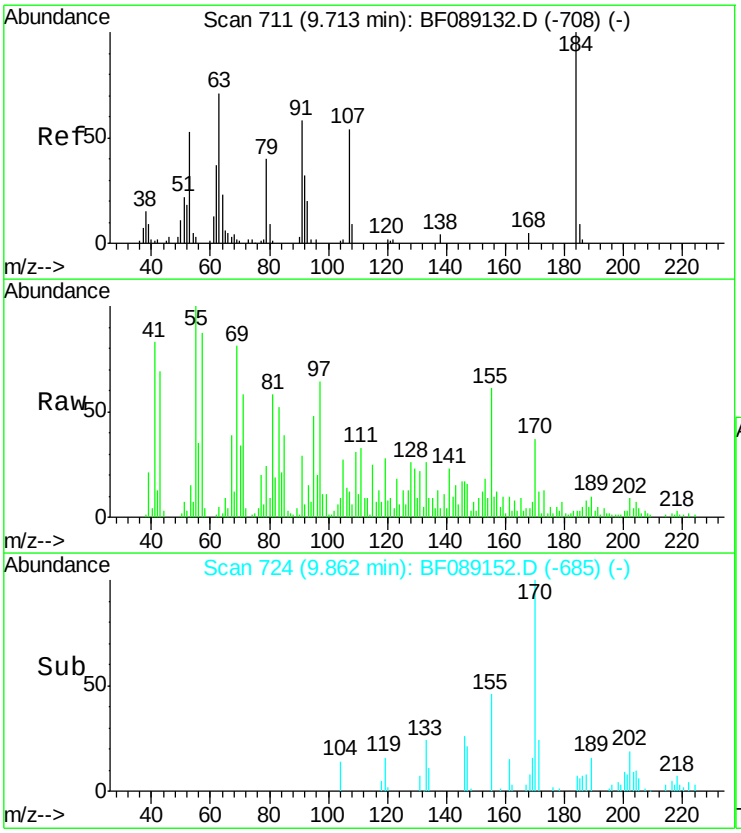
#51
Acenaphthene
Concen: 3.17 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:154 Resp: 20181

Ion	Ratio	Lower	Upper
154	100		
153	134.3	91.9	137.9
152	90.3	42.8	64.2#

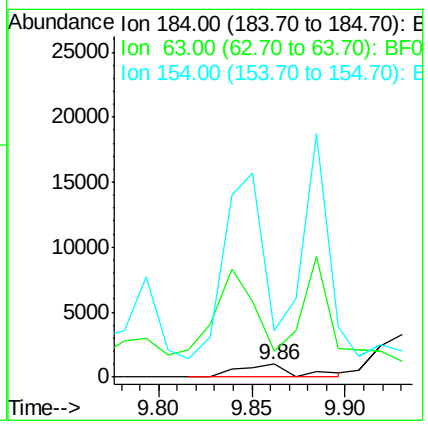


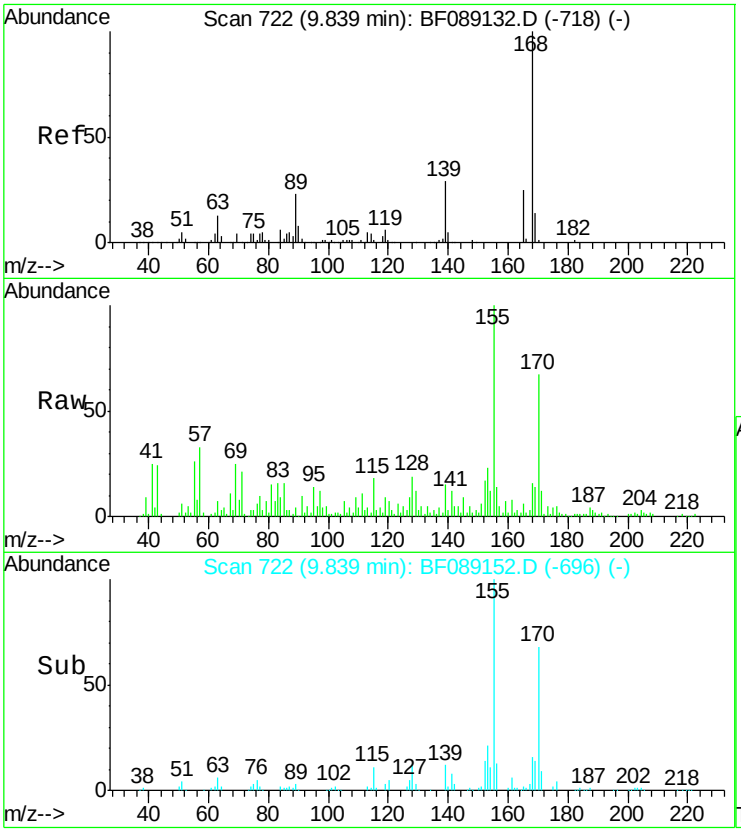


#53
2,4-Dinitrophenol
Concen: 10.66 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.15 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:184 Resp: 2102

Ion	Ratio	Lower	Upper
184	100		
63	201.9	60.3	90.5#
154	356.0	60.7	91.1#



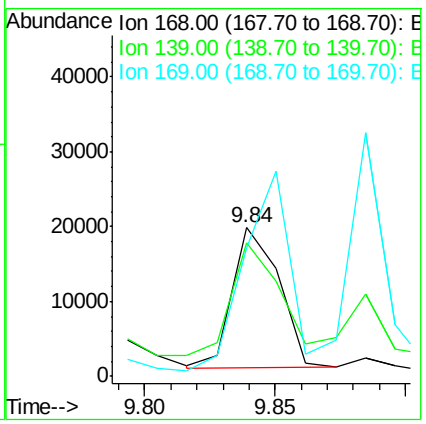


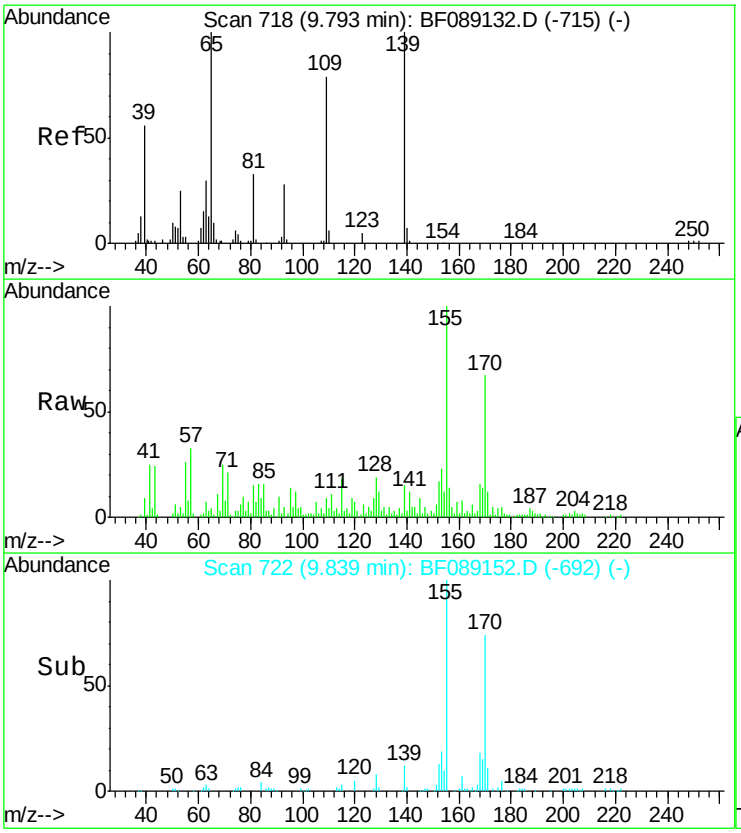
#54
Dibenzofuran
Concen: 2.74 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:168 Resp: 23538

Ion	Ratio	Lower	Upper
168	100		
139	90.3	34.4	51.6#
169	86.1	10.8	16.2#

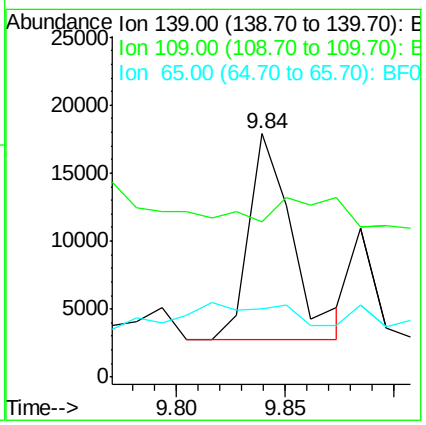


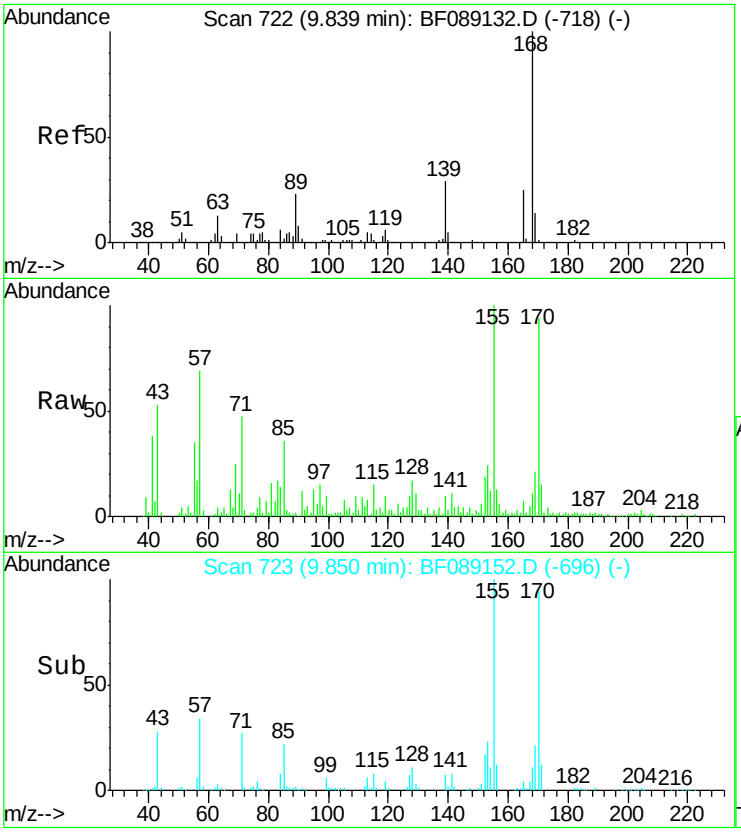


#55
4-Nitrophenol
Concen: 16.99 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.05 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:139 Resp: 21137

Ion	Ratio	Lower	Upper
139	100		
109	64.0	58.7	98.7
65	28.3	80.2	120.2#



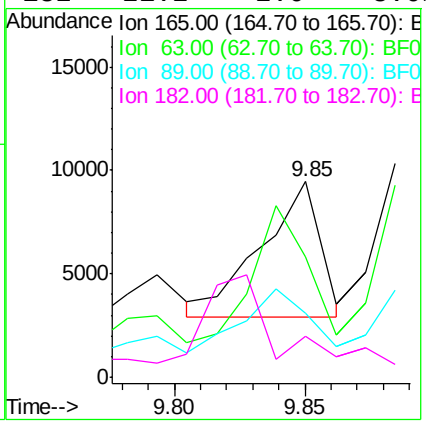


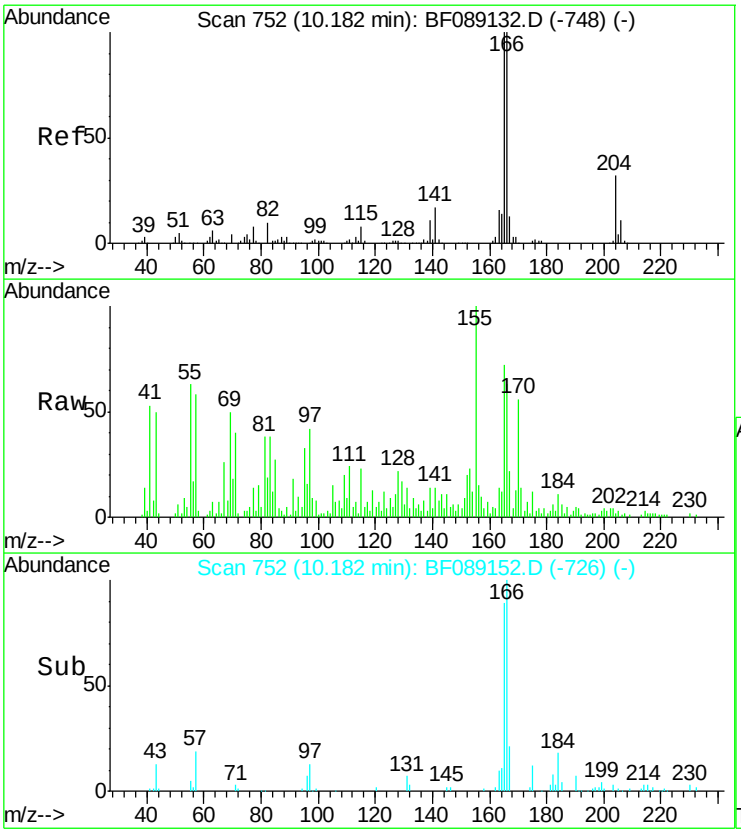
#56
2,4-Dinitrotoluene
Concen: 4.58 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:165 Resp: 10226

Ion	Ratio	Lower	Upper
165	100		
63	61.5	55.4	83.2
89	33.0	74.3	111.5#
182	21.2	2.0	3.0#

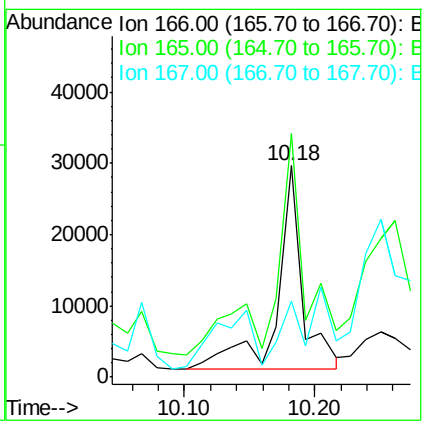


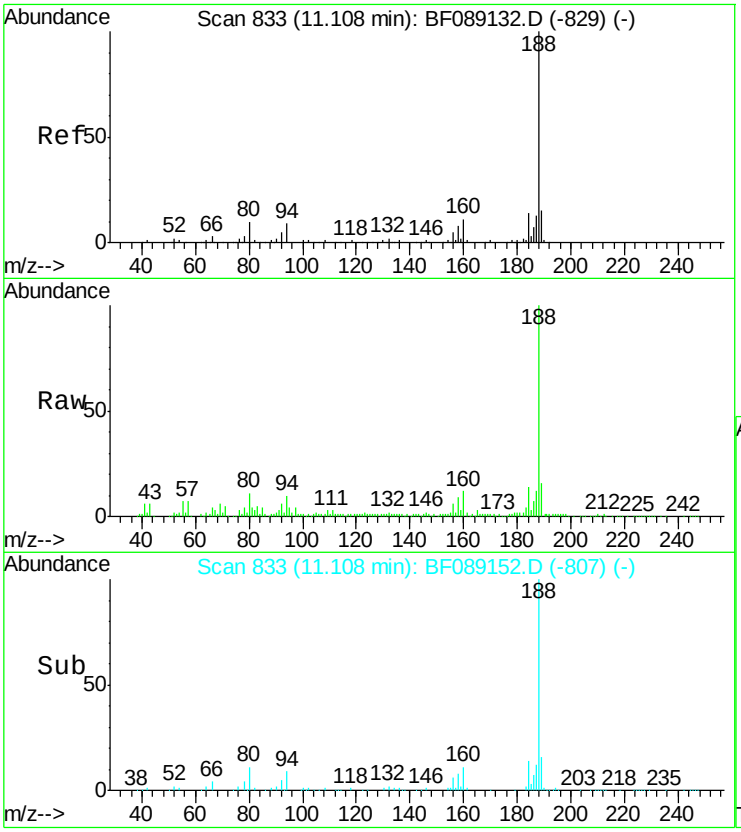


#57
Fluorene
Concen: 5.36 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:166 Resp: 39084

Ion	Ratio	Lower	Upper
166	100		
165	115.2	79.9	119.9
167	35.8	10.7	16.1#



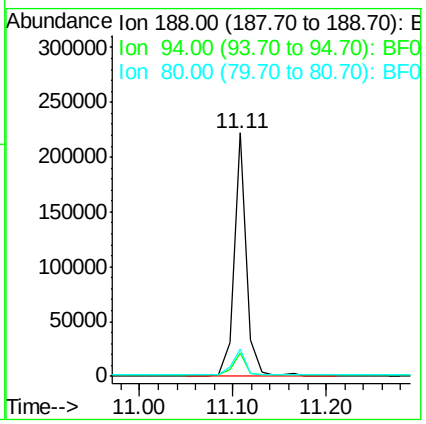


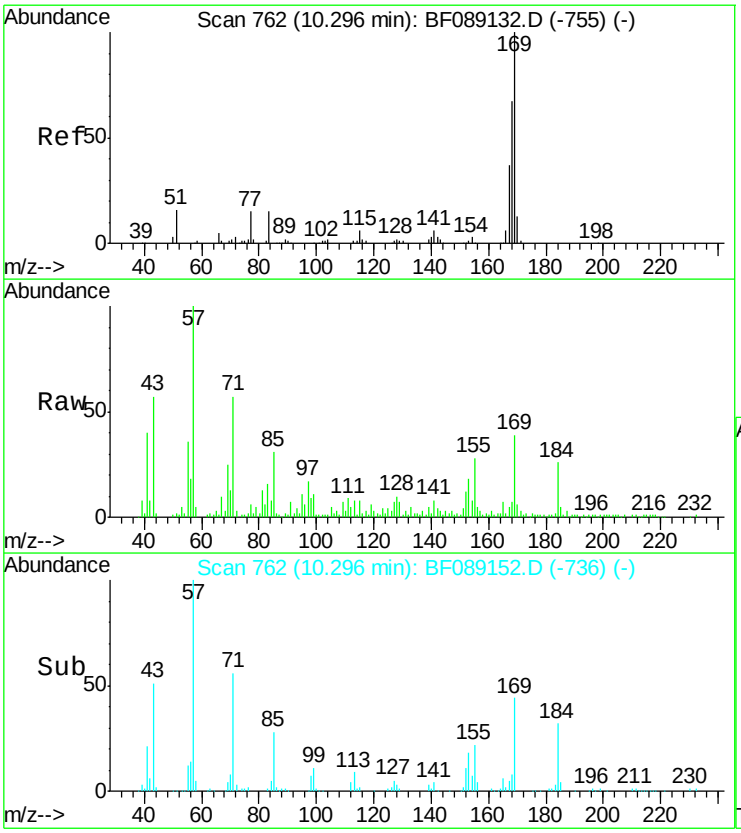
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:188 Resp: 206275

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	11.3	7.7	11.5

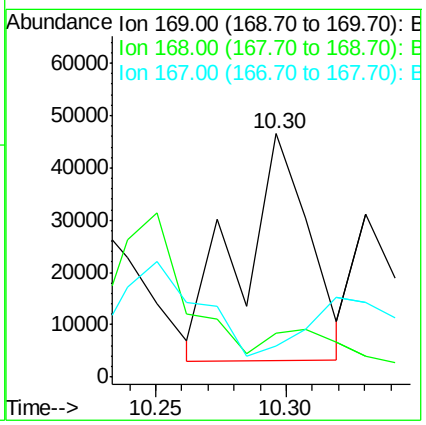


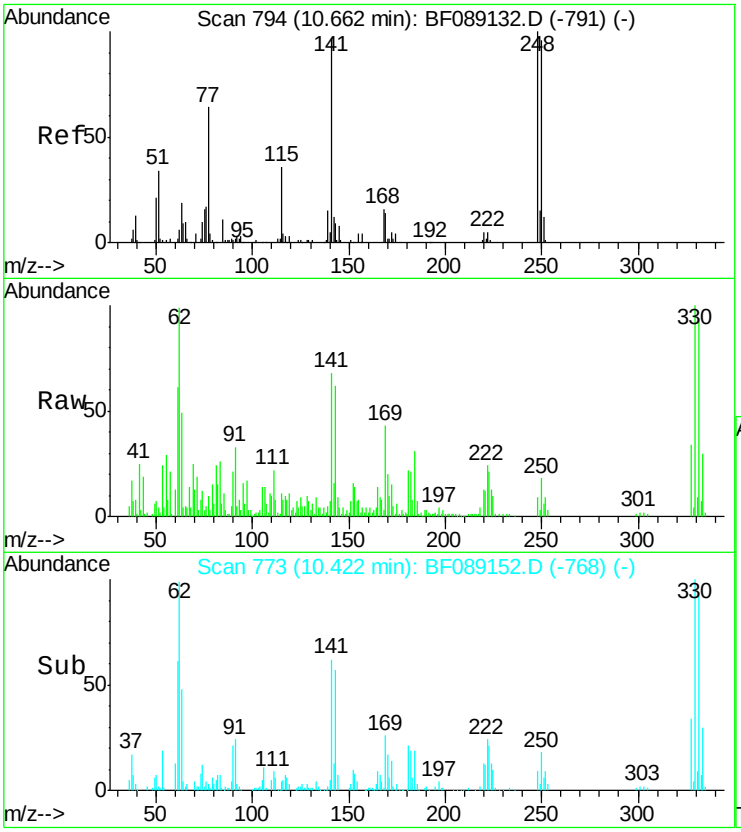


#65
n-Nitrosodiphenylamine
Concen: 11.44 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:169 Resp: 78839

Ion	Ratio	Lower	Upper
169	100		
168	18.0	53.4	80.0#
167	12.9	29.5	44.3#



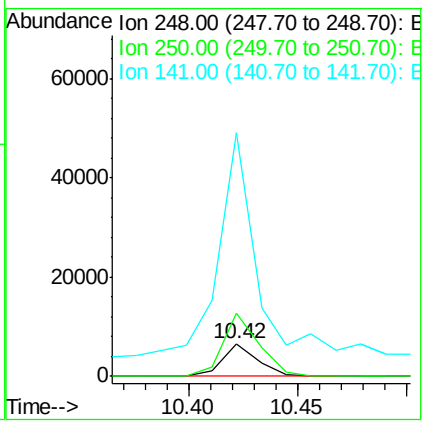


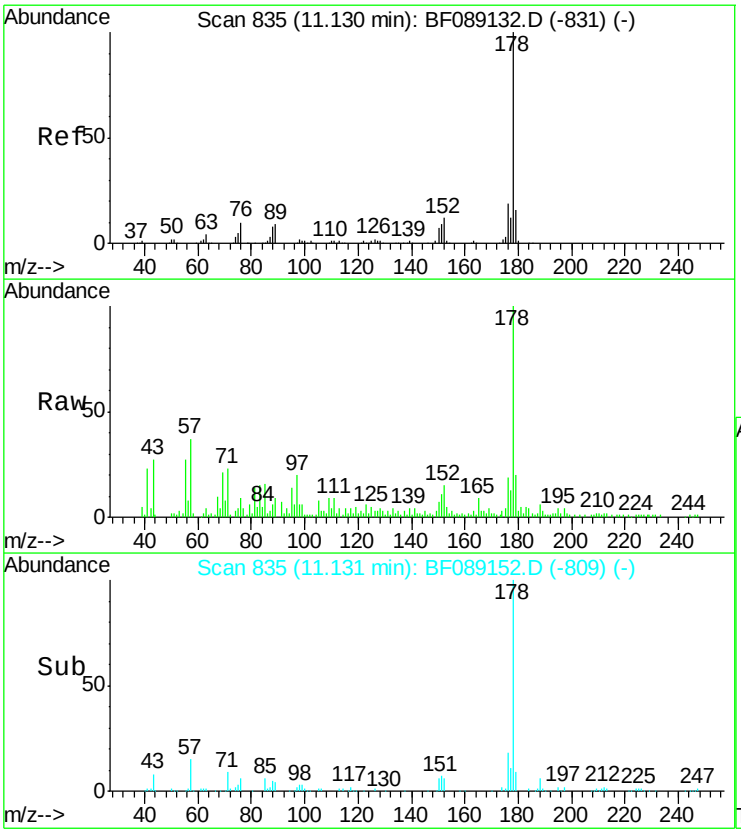
#66
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.24 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:248 Resp: 7372

Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.9	115.3#
141	749.4	77.4	116.2#

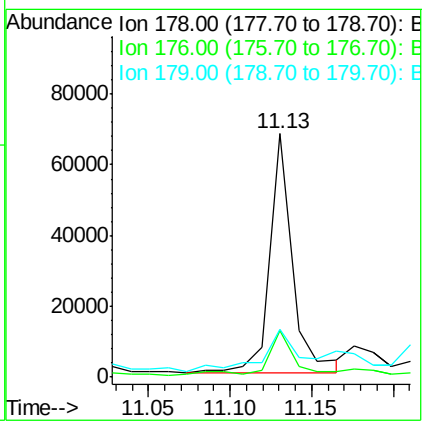


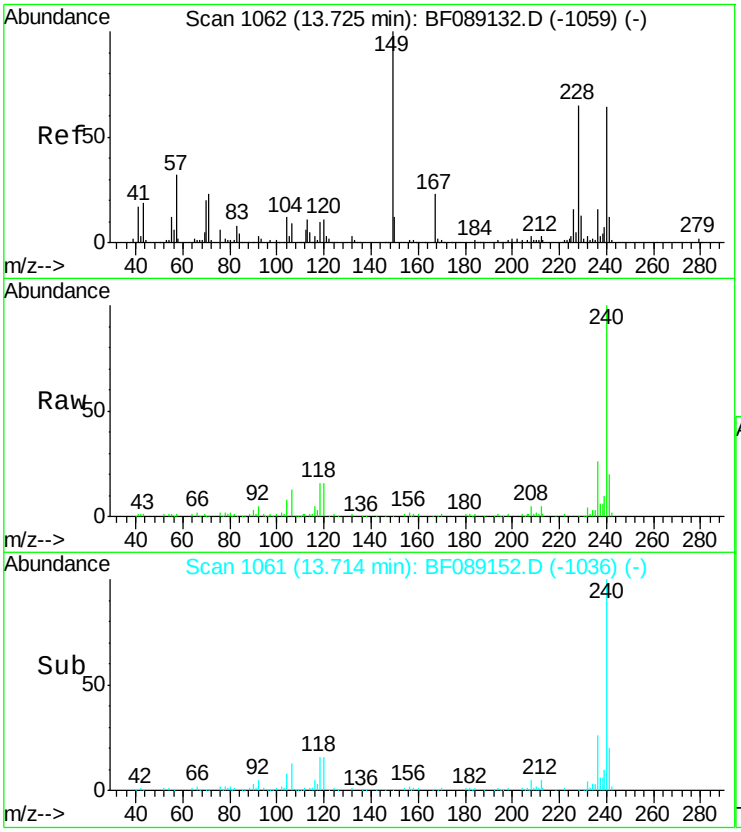


#70
Phenanthrene
Concen: 5.88 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:178 Resp: 66497

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	19.9	12.4	18.6#



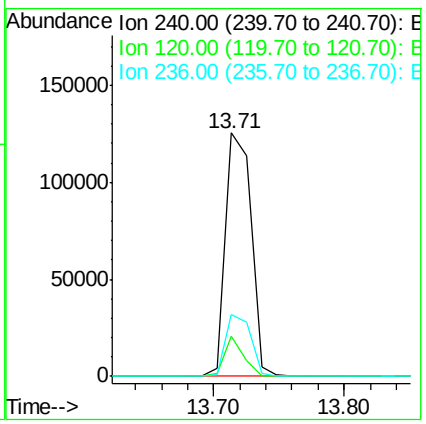


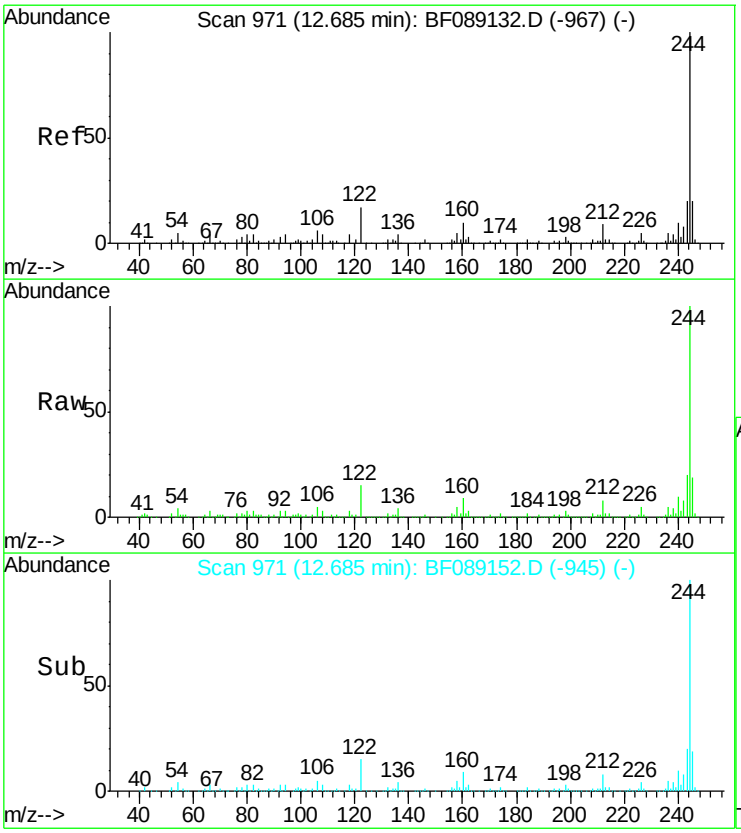
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:240 Resp: 171427

Ion	Ratio	Lower	Upper
240	100		
120	16.2	13.6	20.4
236	25.6	20.5	30.7

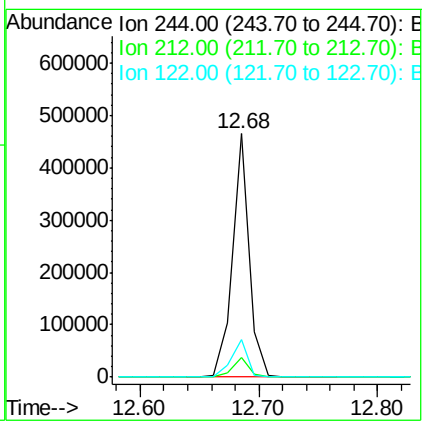


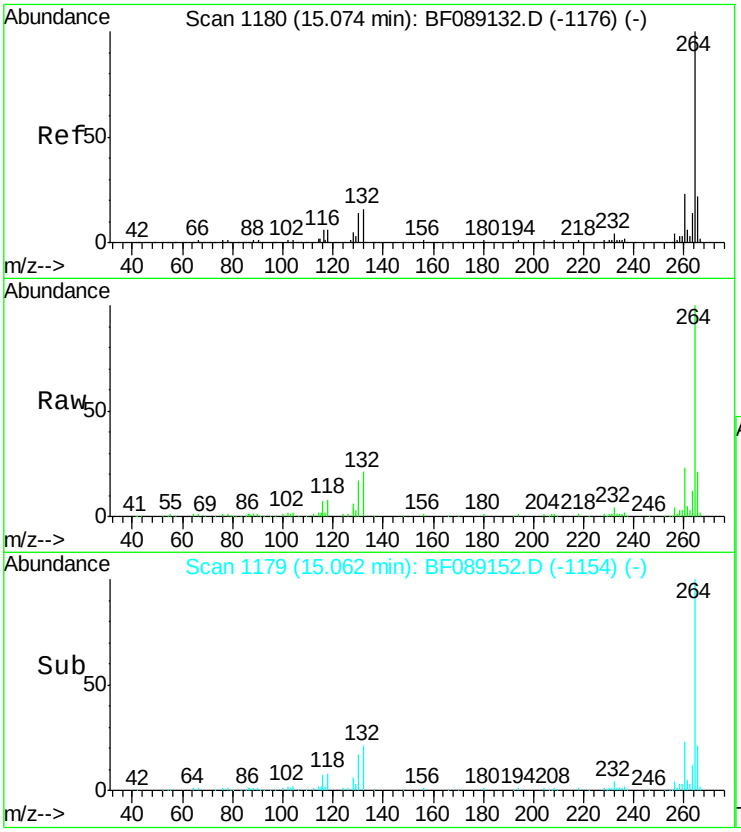


#78
Terphenyl-d14
Concen: 57.58 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Tgt Ion:244 Resp: 455110

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	15.3	13.8	20.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089152.D
Acq: 21 Jul 2016 1:22

Instrument :
BNA_F
ClientSampleId :
KSB-05-12.0-14.0

Tgt Ion:264 Resp: 137430

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.1	17.3	25.9