Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089216.D
Acq On : 23 Jul 2016 3:13
Operator : UM/SJ
Sample : H4129-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-13-6.0-8.0

Quant Time: Jul 25 00:56:55 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	6.58	152	45285	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	201650	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	96411	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	190945	20.00	ng		-0.02
75) Chrysene-d12	13.70	240	145746	20.00	ng		-0.02
86) Perylene-d12	15.05	264	108210	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	404106	135.72	ng		-0.02
7) Phenol-d6	6.24	99	559324	145.67	ng		-0.03
23) Nitrobenzene-d5	7.15	82	347961	91.69	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	119905	138.14	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	615458	87.96	ng		-0.02
78) Terphenyl-d14	12.67	244	558728	83.15	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	10015	3.74	ng		80
19) n-Nitroso-di-n-propylamine	7.15	70	45637	18.17	ng	#	77
49) Dimethylphthalate	9.35	163	278361	37.62	ng		99
56) 2,4-Dinitrotoluene	9.61	165	12110	5.63	ng	#	10
66) 4-Bromophenyl-phenylether	10.40	248	9190	4.86	ng	#	1

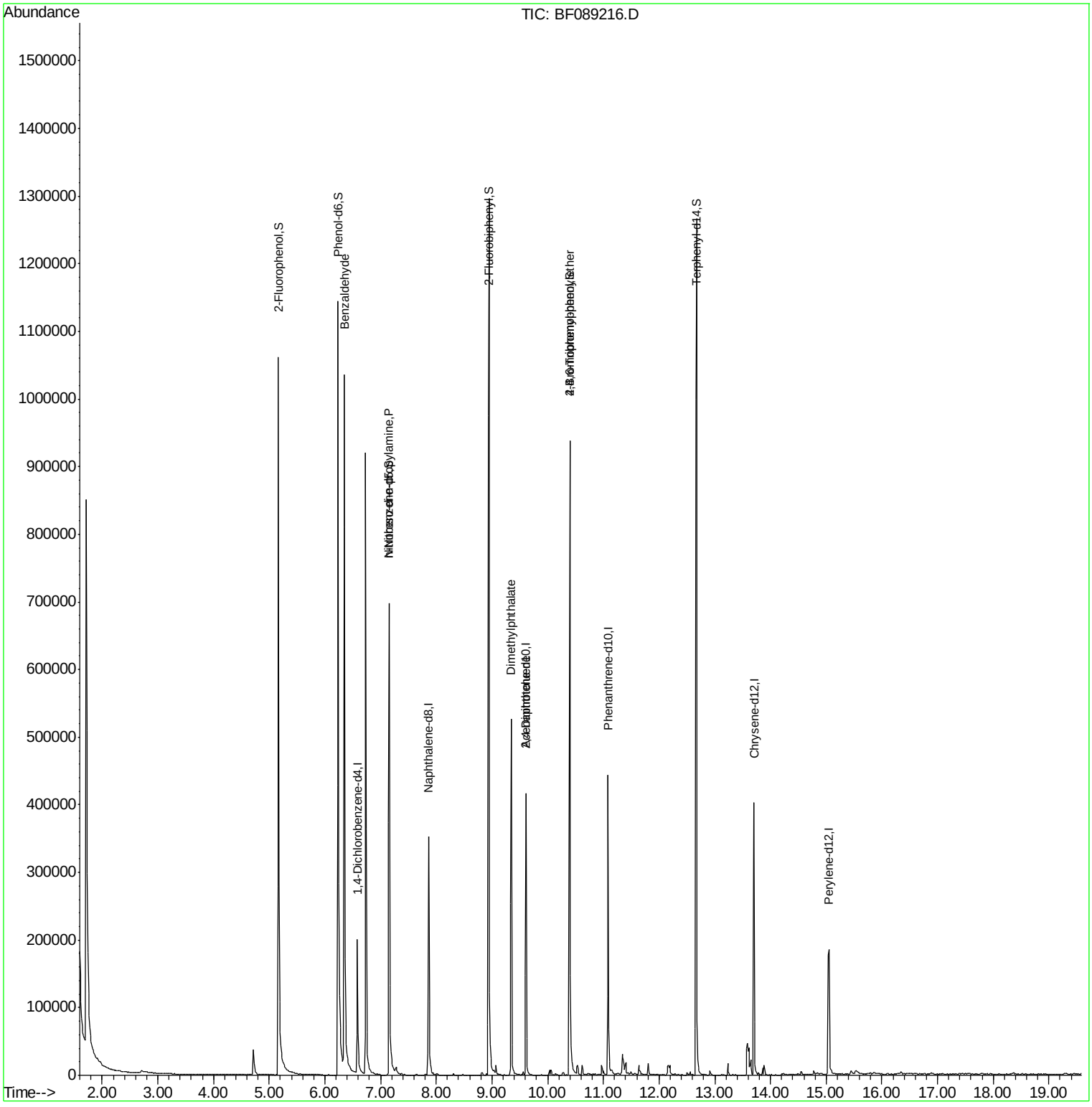
(#) = qualifier out of range (m) = manual integration (+) = signals summed

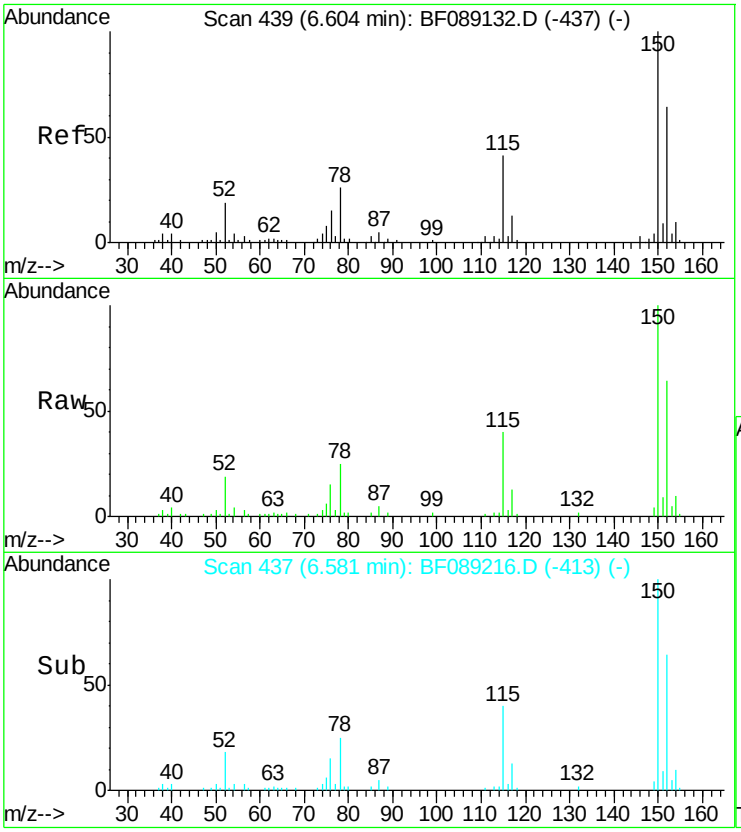
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089216.D
Acq On : 23 Jul 2016 3:13
Operator : UM/SJ
Sample : H4129-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Quant Time: Jul 25 00:56:55 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



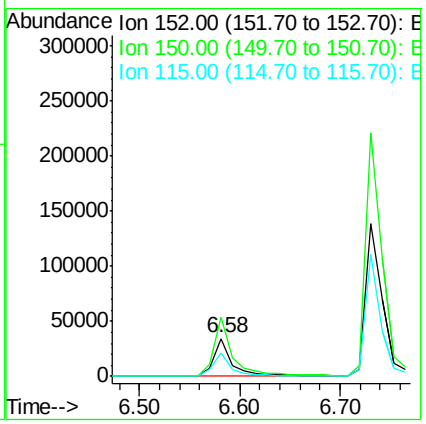


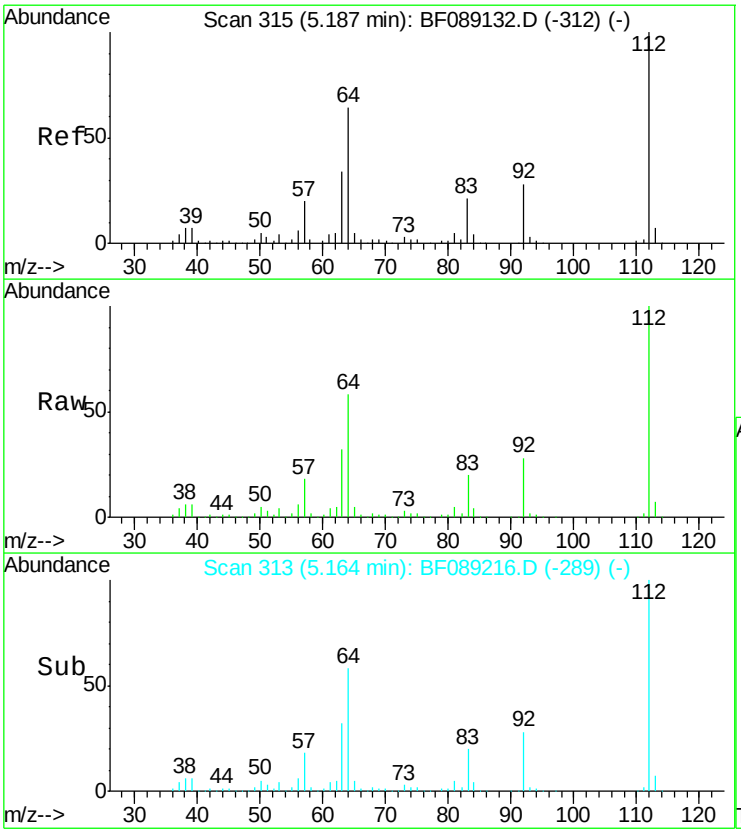
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion:152 Resp: 45285

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.1	187.7
115	62.4	51.1	76.7

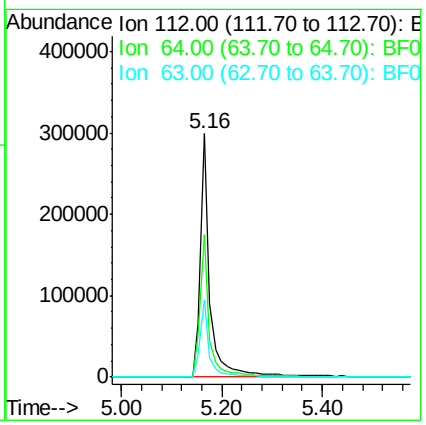


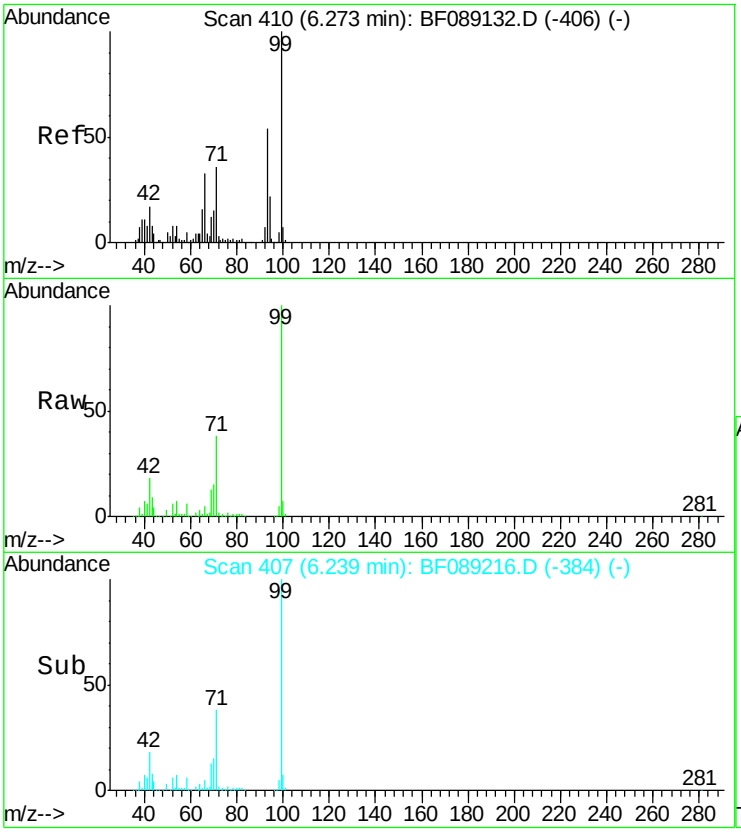


#5
2-Fluorophenol
Concen: 135.72 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Tgt Ion:112 Resp: 404106

Ion	Ratio	Lower	Upper
112	100		
64	58.4	51.0	76.4
63	31.9	27.3	40.9



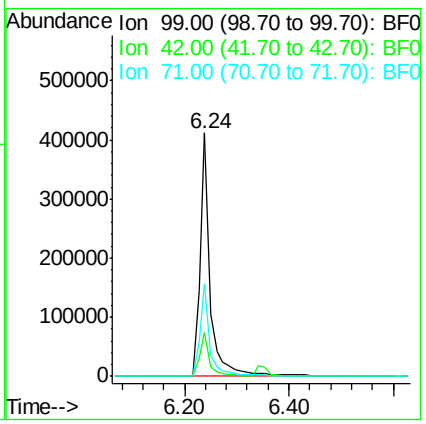


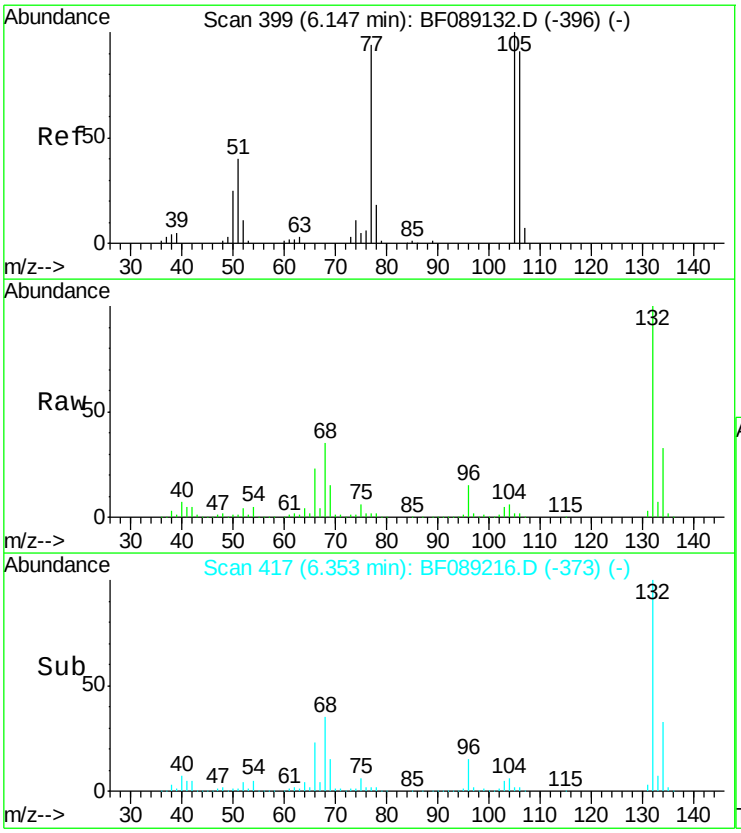
#7
Phenol-d6
Concen: 145.67 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion: 99 Resp: 559324

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	38.0	28.9	43.3

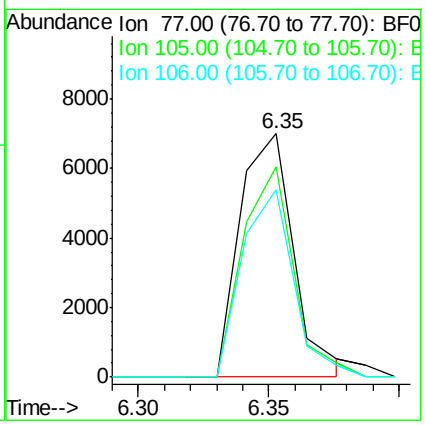


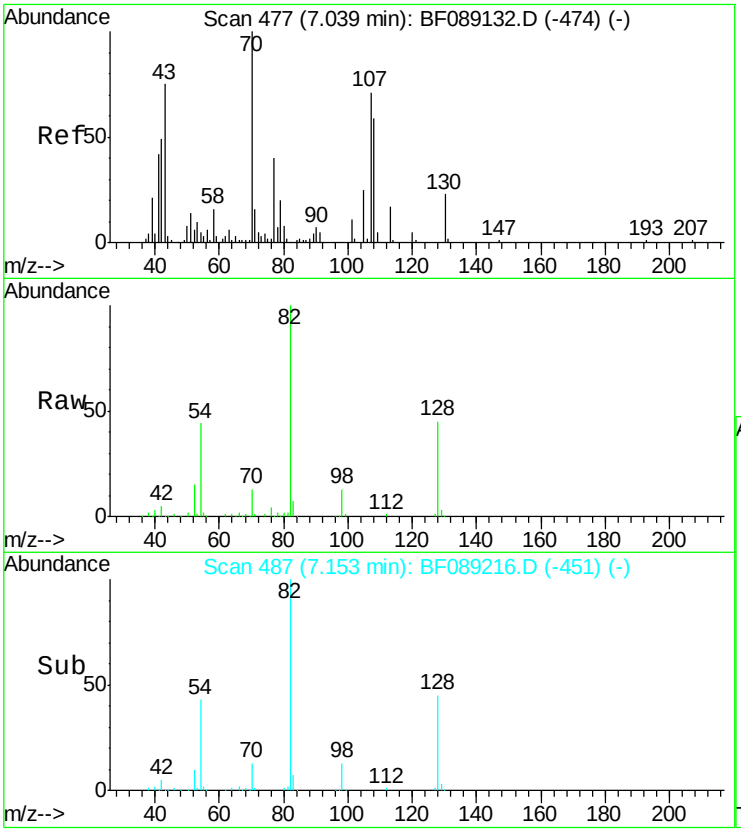


#9
Benzaldehyde
Concen: 3.74 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.21 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Tgt Ion: 77 Resp: 10015

Ion	Ratio	Lower	Upper
77	100		
105	86.4	86.2	126.2
106	76.7	76.3	116.3



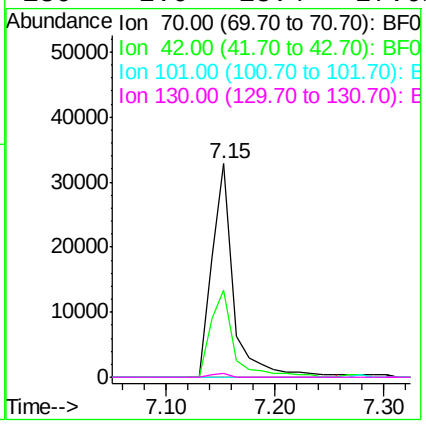


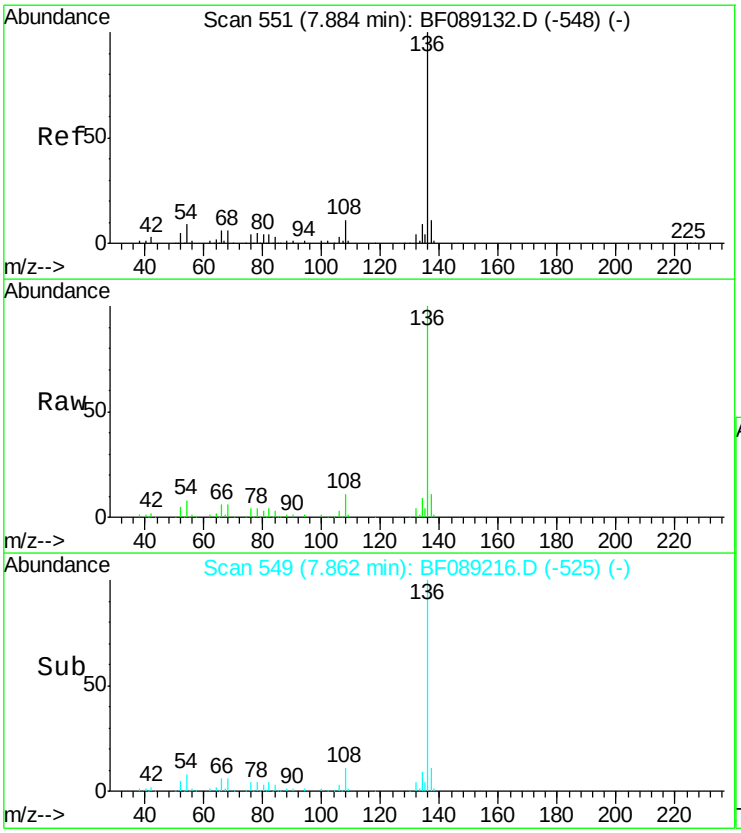
#19
n-Nitroso-di-n-propylamine
Concen: 18.17 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion: 70 Resp: 45637

Ion	Ratio	Lower	Upper
70	100		
42	40.7	39.2	58.8
101	0.0	8.5	12.7#
130	2.0	18.4	27.6#

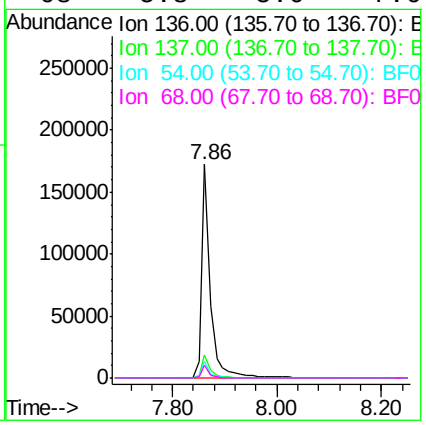


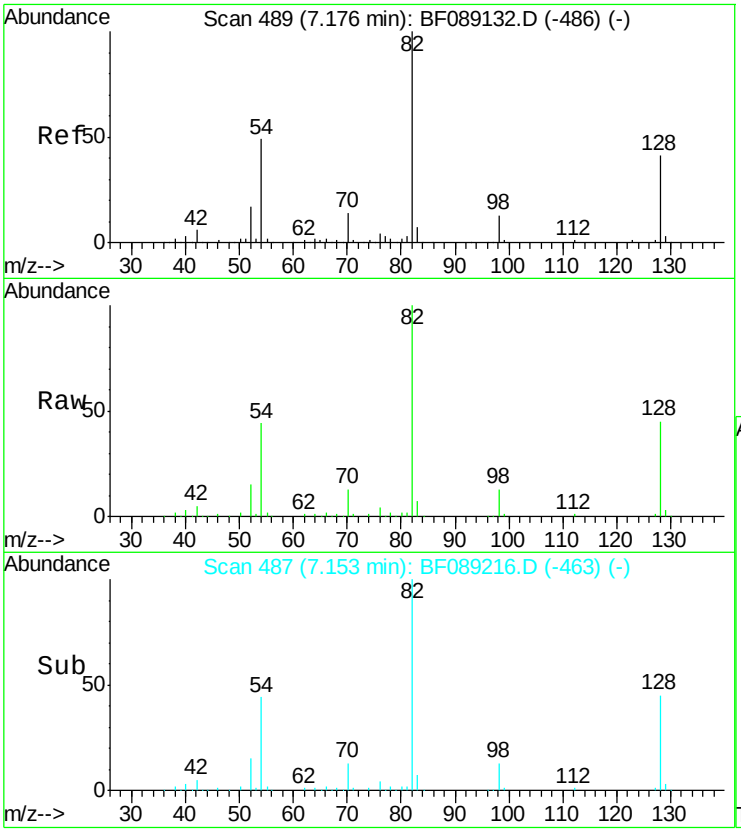


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Tgt Ion:136 Resp: 201650

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	7.0	10.4
68	5.8	5.0	7.6



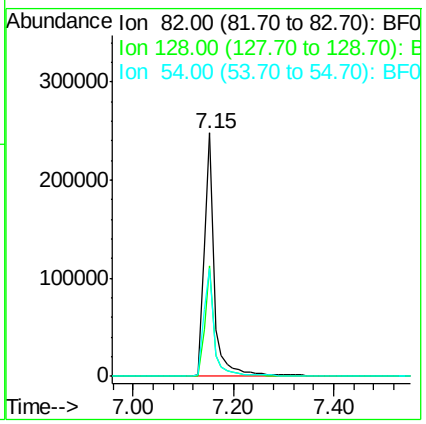


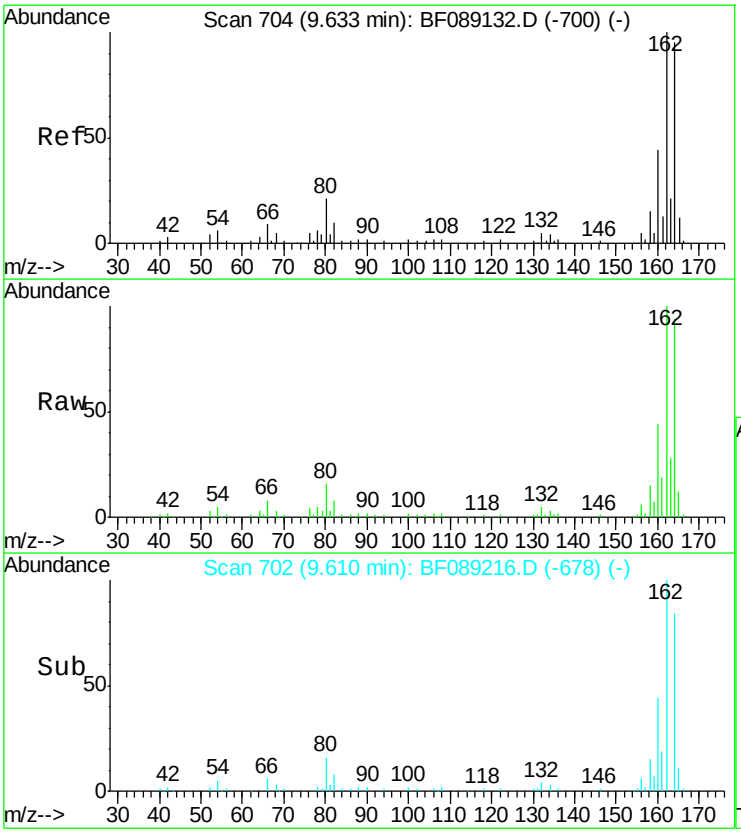
#23
Nitrobenzene-d5
Concen: 91.69 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion: 82 Resp: 347961

Ion	Ratio	Lower	Upper
82	100		
128	45.4	33.0	49.6
54	44.5	39.0	58.4

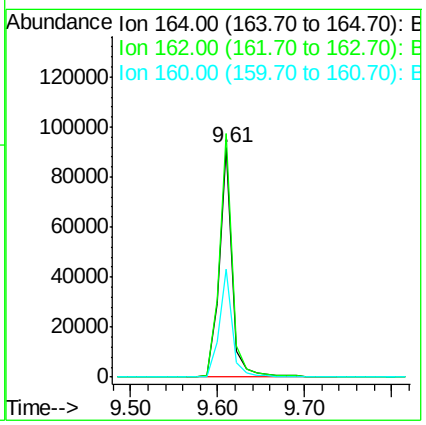


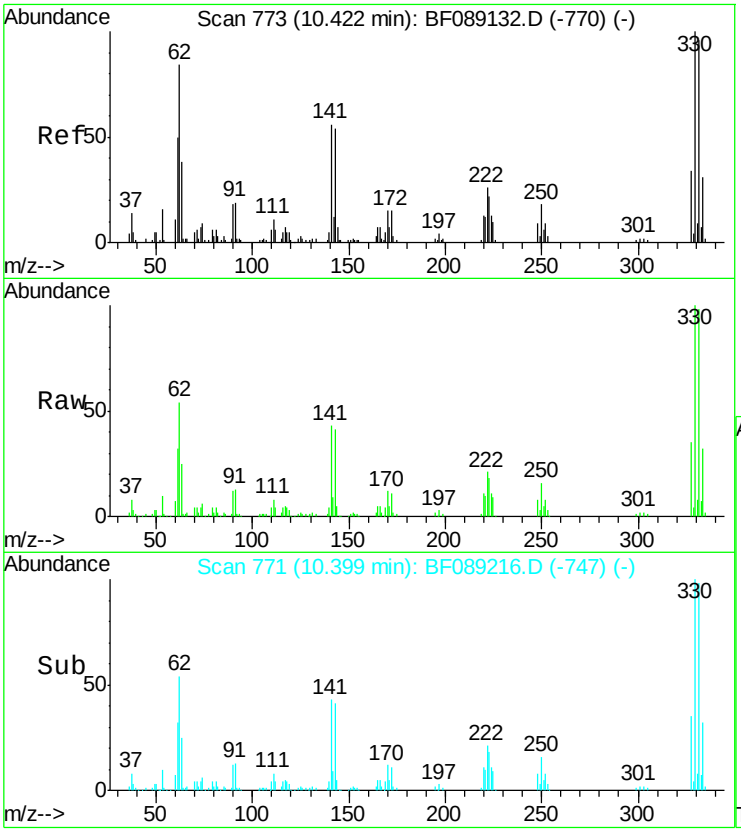


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Tgt Ion:164 Resp: 96411

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.1	126.1
160	47.0	37.1	55.7



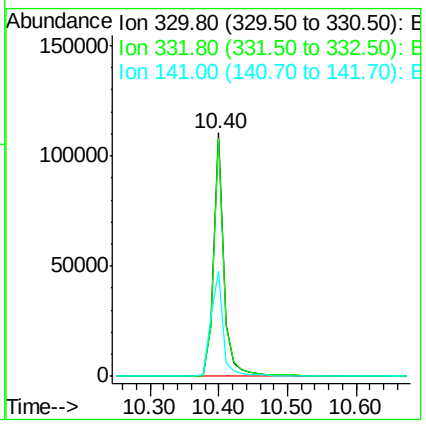


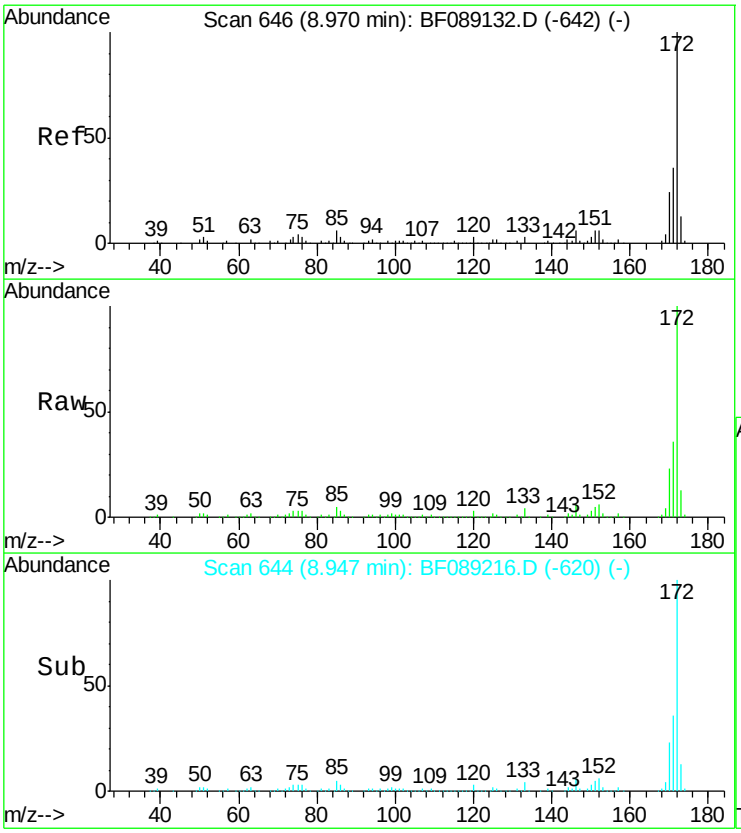
#41
2,4,6-Tribromophenol
Concen: 138.14 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion:330 Resp: 119905

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	50.3	42.2	63.2

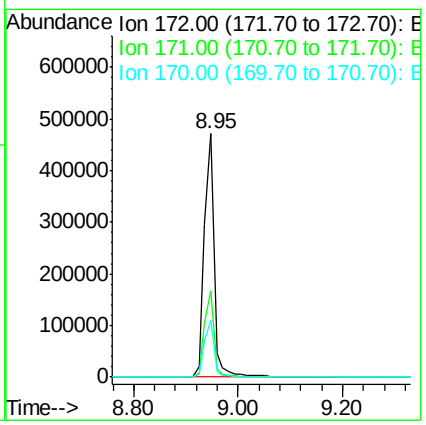


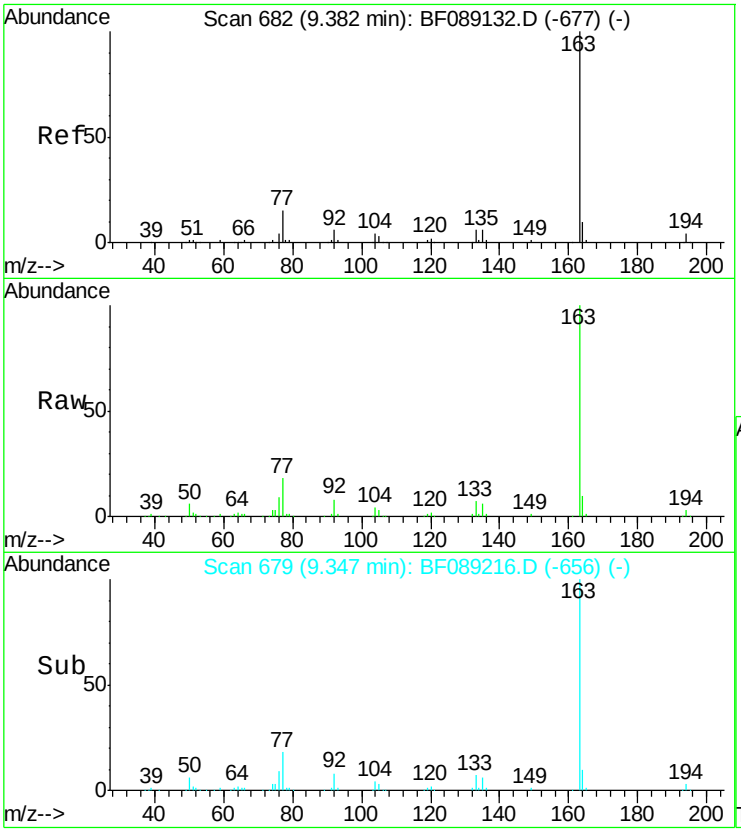


#44
2-Fluorobiphenyl
Concen: 87.96 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Tgt Ion:172 Resp: 615458

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.5	19.1	28.7



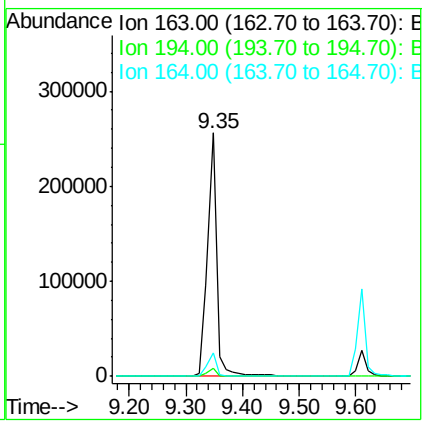


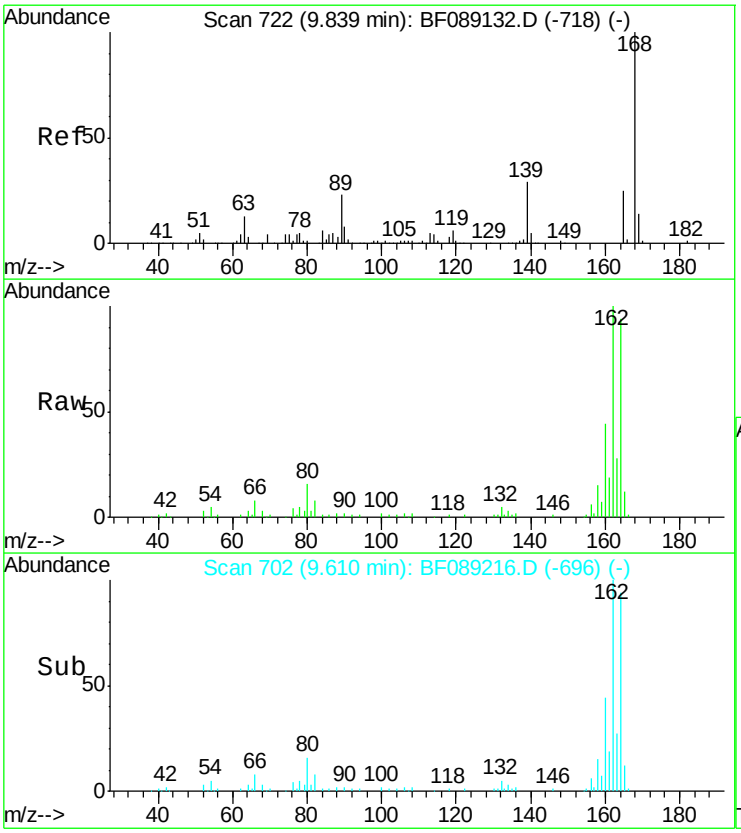
#49
Dimethylphthalate
Concen: 37.62 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion:163 Resp: 278361

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.8	7.6	11.4

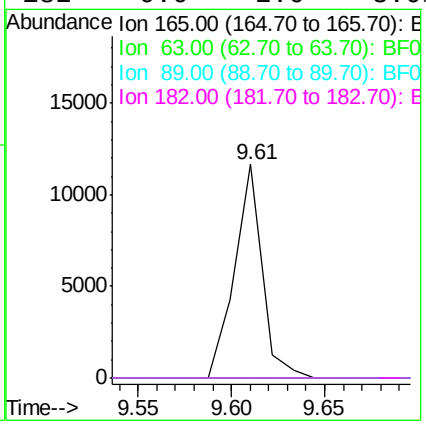


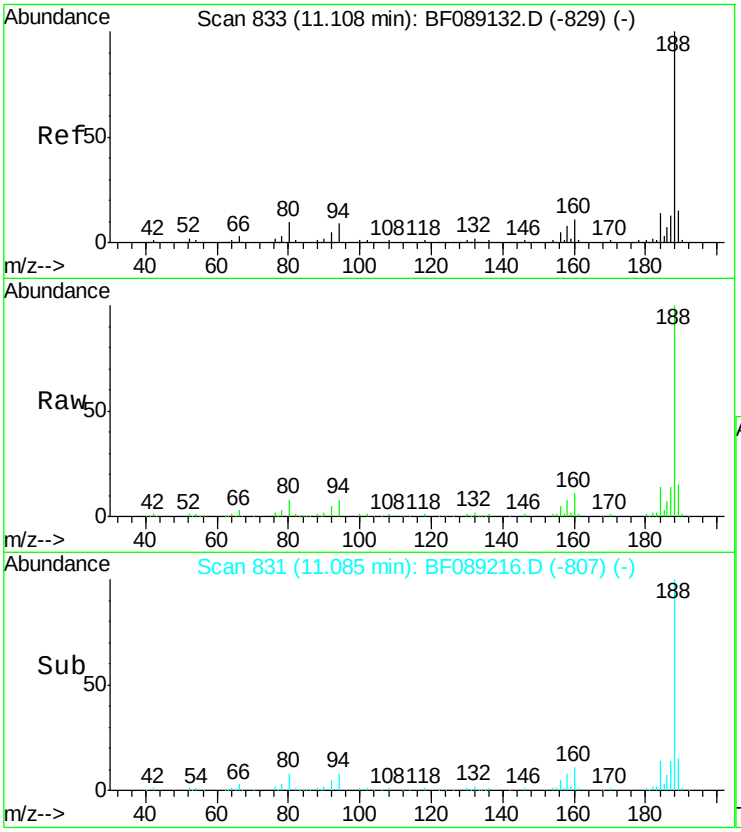


#56
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Tgt Ion:165 Resp: 12110

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#



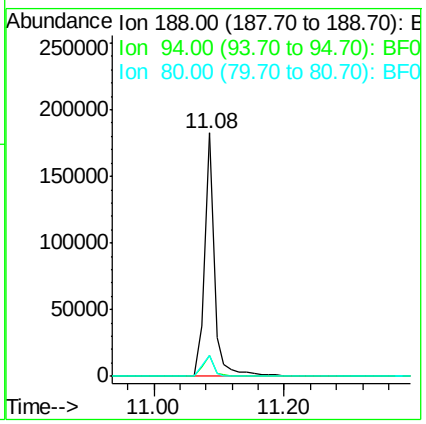


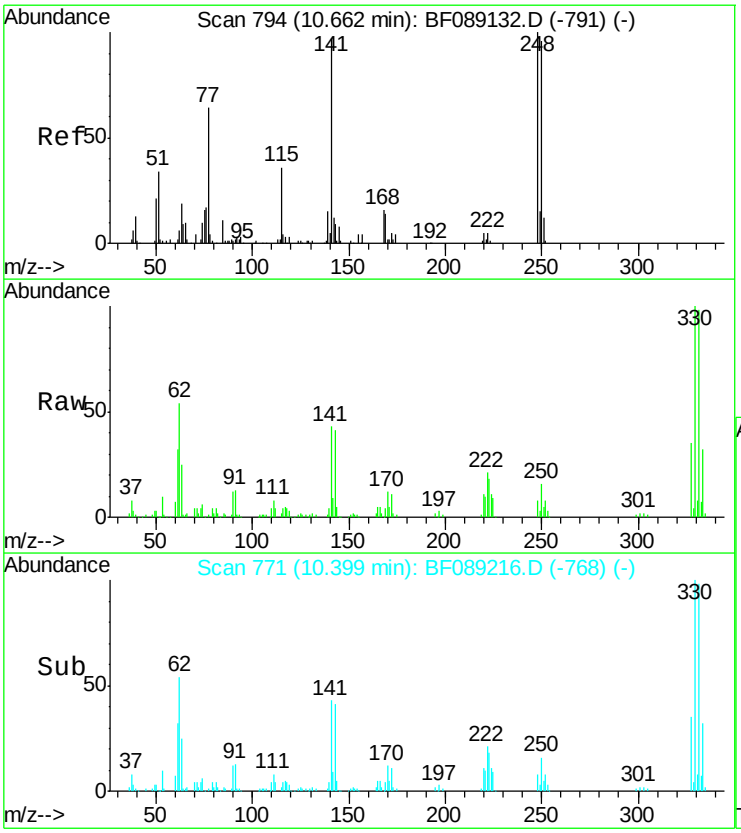
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion:188 Resp: 190945

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	8.5	7.7	11.5

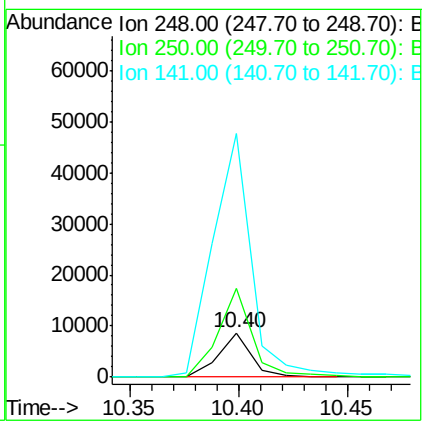


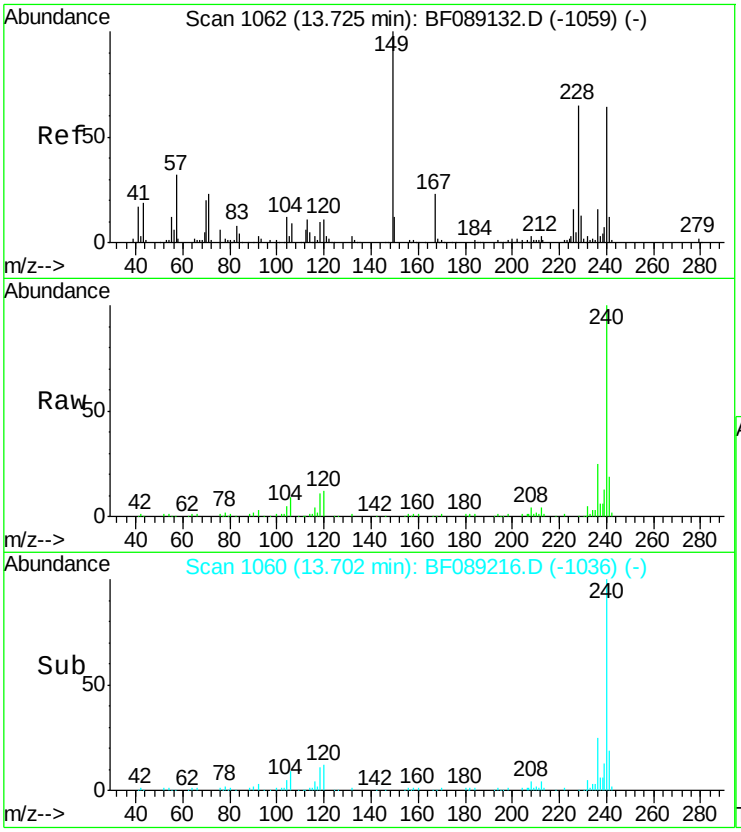


#66
4-Bromophenyl-phenylether
Concen: 4.86 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Tgt Ion:248 Resp: 9190

Ion	Ratio	Lower	Upper
248	100		
250	200.1	76.9	115.3#
141	550.0	77.4	116.2#



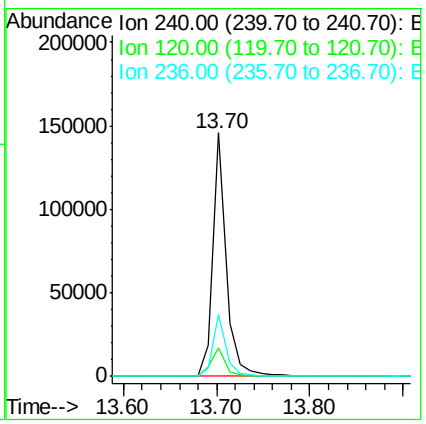


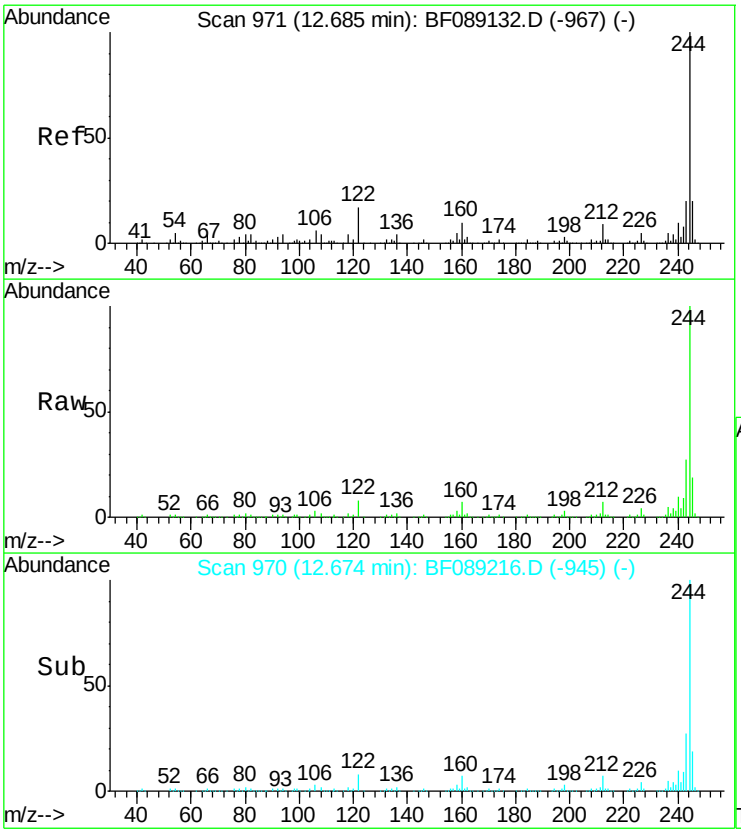
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion:240 Resp: 145746

Ion	Ratio	Lower	Upper
240	100		
120	11.9	13.6	20.4#
236	25.4	20.5	30.7

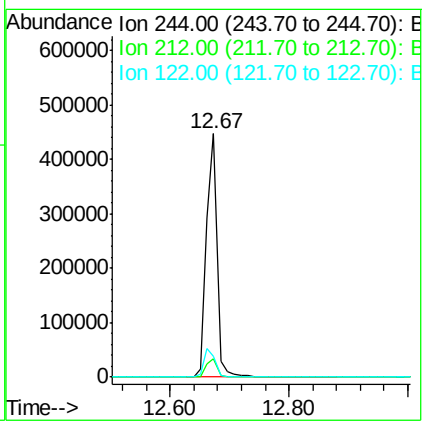


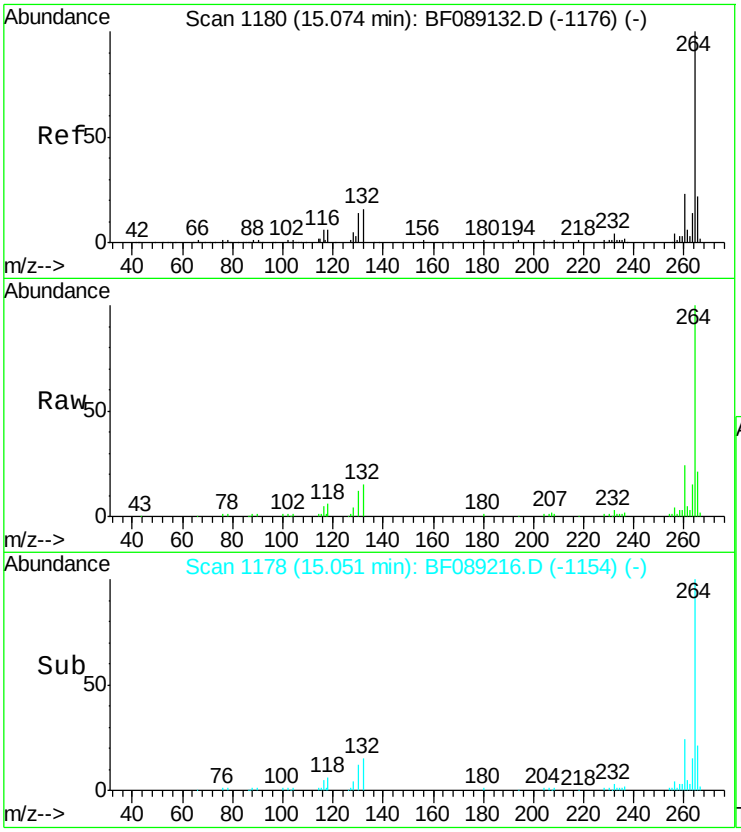


#78
Terphenyl-d14
Concen: 83.15 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Tgt Ion:244 Resp: 558728

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.0	10.4
122	8.4	13.8	20.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089216.D
Acq: 23 Jul 2016 3:13

Instrument :
BNA_F
ClientSampleId :
KSB-13-6.0-8.0

Tgt Ion:264 Resp: 108210

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	21.3	17.3	25.9